UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (~~or cancelled~~) without certification. DMEA No. 1215

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

Certificate of Audit (Final).

Interim Audit(s).

Report of Review. ✓

Termination Notice or Agreement. ✓

Recision Notice.

Assignment of Contract.

Contract Amendments (latest on top).

Contract with all exhibits and annexes. ✓

Owner's Consent to Lien.

Subordination Agreement.

Leases and assignments of leases.

Application and attachments. ✓

Schedule of Collections.

Operator's monthly reports and all attachments (latest on top). ✓

Right Side

Project summary. ✓

Work completed analysis. ✓

All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report. (Tab) ✓

Operator's Final Report. ✓

Interim Reports. ✓

On-site Exam Report(s). (Tab) ✓

Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number 0

Operator's Monthly Reports in folder number 0

Grace Ouet
Reviewer's Initials

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have examined the monthly report of

Compton I. White
P. O. Box 153
Clark Fork, Idaho

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAR 18 1953

pertaining to Exploration Project Contract No. Idm-E142, Docket DMA No. 1215X (without amendment) for the months of October and November 1951 (one MF-104) covering a project for the exploration of copper.

My review included an examination of the Monthly Report (one Form MF-104 for the combined months of October and November 1951) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Government representative who visited and examined the project, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reasons:

1. The administrative cost to the Government of an audit would be excessive in relation to the estimated amount of possible disallowances.

2. The monthly report was supported by documentary proof of the costs incurred under the contract.

3. The major portion ($1840.00) of the cost covered bulldozing trenches and reopening portals and supervision ($450.00) at rates specified in the contract. Supervision amounting to $450.00 was determined by prorating the supervisor's time for the two months period supervising the project and the time spent elsewhere at the contract rate of $400.00 per month.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by contractor		$2,328.78
Exceptions:		
By DMEA Finance Officer	-0-	
By Audit	-0-	-0-
Total accepted cost		$2,328.78

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of One Thousand one hundred sixty four and 39/100 Dollars

$1,164.39

is considered valid and proper.

March 6, 1953

C. A. Turner, Auditor

Government Copy

NOTICE OF TERMINATION OF EXPLORATION PROJECT CONTRACT, UNDER THE TERMS OF THE CONTRACT, BEFORE THE COMPLETION OF THE WORK

To: Compton I. White

Box 153

Clarks Fork, Idaho

Operator under Exploration Project Contract I-dm-E 142, Docket No. DMEA-1215X, dated September 15, 1951.

The United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, under the terms of the above-mentioned contract, hereby terminated the contract on the following grounds: 1/

(a) [redacted]

(b) [redacted]

(c) In the opinion of the Government, operations up to the time of this notice have not indicated the porbability of making any worthwhile discovery and in the opinion of the Government further operations are not justified.

Upon receipt of this notice, as provided in said contract, you are required to dispose of any remaining materials, supplies, facilities, buildings, fixtures, equipment, or other items, in which the Government has an interest, for the joint account of yourself and the Government; and to render to the Government a full and final accounting of your operations under the contract and of your expenditures of money on account thereof.

Any work prosecuted or costs incurred by you after the receipt of this notice shall be for your sole account, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures,

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1/ Strike out any grounds not applicable.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

Dated this 9th day of January, 1953.

UNITED STATES OF AMERICA

By A. E. Weissenborn

A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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JAN 19 1953

3

MF-200
(June 1951)

Docket No. DMA 1215X
Commodity Copper
Idm-E 142

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

RECEIVED OCT 16 1951 G. A. O.

Index
No.
Card
Reviewed

OCT 2 1951
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CONTRACT
G. A.

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 15th day of September, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2]

Compton I. White
Box #153
Clark Fork, Idaho

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Idaho, County of Bonner described as follows: [3] Copper Standard (pat.), Grand Copper (pat.), King Bolt (pat.), Lone Pine (unpat.), Woodman (unpat.), Pend D'Oreille (pat.), Watchman (pat.), John P.(unpat.) and Clarinda Tunnel Site (pat.). Claims in SE¼ of sec. 20, SW¼ of sec. 21, NW¼ of sec. 28, and NE¼ of sec. 29, all in T. 56 N., R. 2 E., B. M.

with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:

None

(*b*) ~~[illegible] agreement of the lessor is attached.~~

3. *Exploration project.* The Operator, within Thirty (30) days from the date of this contract shall commence work on a project of exploration for [5] Copper; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] Eighteen (18) Months* from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

*Eleven operating months

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 50 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $28,655.00, which is 50 percent of the agreed estimated total cost of this project, $57,310.00.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

Compton L. Wells
(Operator)

By ----------

THE UNITED STATES OF AMERICA

By C. O. Mittendorf
Director, Production Expansion Division
Defense Minerals Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64066-2

The Compton I. White Property

Exploration Project Contract

Clarinda Copper Property (Copper Giant and Clarinda Mines)

EXHIBIT "A"

Exploration Project

Time Schedule Month	Step I*
1st	1. Cut 10 bulldozer trenches across Copper Giant vein, each 100 feet apart.
	2. Cut 10 bulldozer trenches across Lone Pine vein, each 100 feet apart.
	3. Clean portals and rehabilitate for sampling the Copper Giant and Lone Pine adits.
	Step II*
	Step II is to be undertaken if in the opinion of the Government, the results of Step I indicate the presence of ore shoots between the surface and the sampled adit levels.
2nd	1. Move in equipment, complete minor timber repairs and lay track and pipe line in the Clarinda adit to the starting point of the proposed crosscut.
3rd to 11th	2. Drive approximately 1,050 feet of crosscut from the Clarinda adit to the northwest to intersect the downward extensions of the Lone Pine and Copper Giant veins. In addition, drift 125 feet each way from the intersection on each vein, a total of 500 feet of drifting. The crosscut is to be driven as shown on the accompanying map.

Severe winter weather conditions might result in a several months shutdown, but the program will be completed within 18 months of date of contract.

*As indicated in Section (4) of the contract, all subcontracts are subject to approval by the Government.

The proposed work and the estimated cost thereof is as follows:

Step I

1.	Bulldozing trenches, 64 hours @ $10.00/hr.	$ 640.00
2.	Reopen portals of Copper Giant and Lone Pine adits and prepare for sampling	1,200.00
3.	Supervision, sampling and overhead	450.00
	Total	$2,290.00

Step II

1.	Crosscut and drift 1,550 feet @ $25.00/ft. (includes all costs not specified elsewhere) cross-section of crosscut and drifts to be 6.00 X 7.50 feet	$38,750.00

Fixtures and Improvements:

1.	New 16# rail, 6,500 feet	2,030.00
2.	Spikes, fish plates, bolts, and nuts	250.00
3.	Two inch black pipe, 6,300 feet	2,520.00
4.	Construct one 10' X 20' building	750.00
	Sub-total	$5,550.00

Operating Equipment:

To be purchased

1.	A 315 cfm compressor, water cooled with motor and starting equipment	$4,000.00
2.	Five mine cars, 21 cu.ft., $250.00 each	1,250.00
3.	One ventilation fan, 5 H.P. electric	350.00
4.	Vent pipe, 3,000 feet of 10-inch	3,000.00
5.	One pressure tank, 25 gallons	50.00
6.	One receiver	100.00
7.	Miscellaneous small tools	500.00
	Sub-total	$9,250.00

SUMMARY

Step I -	$ 2,290.00
Step II -	38,750.00
To be purchased - - - - - - - - - - - - - - -	14,800.00
Allowance for Operator's equipment	1,470.00
Total cost of project	$ 57,310.00
Government participation on half of above	$ 28,655.00

To be furnished by applicant on a depreciation basis:	Cost	Monthly Allowance
1. One Mancha trammer, Edison cell	$ 5,000.00	$ 83.00
One Eimco 12B mucking machine	2,800.00	47.00
One drifter, D.A. 30 with column	1,000.00	17.00
	Total	$147.00

Labor and Supervision:

1. The following labor will be employed at the rates shown:

   a. Miners, 2 at $14.00/day - - - -

   b. Trammer-helper, 2 at $14.00/day - - - -

   c. Compressor man, 1 at $12.00/day - - - -

2. Engineer-Supervisor on a monthly basis $ 400.00

Rehabilitation and Repairs:

All items of rehabilitation and repair have been included above.

DMA 1215 X

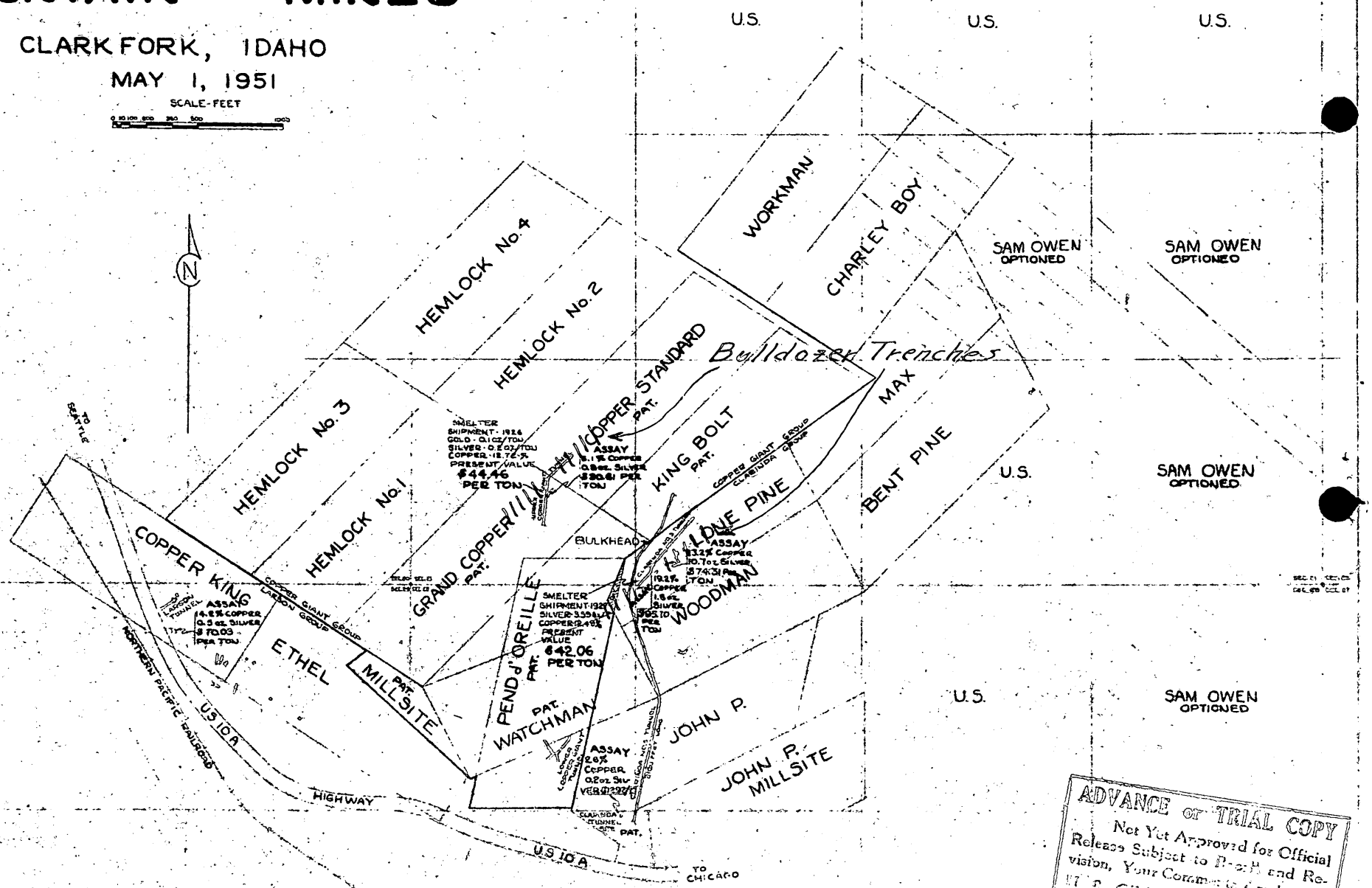
HOWE MOUNTAIN MINES

CLARK FORK, IDAHO

MAY 1, 1951

SCALE-FEET

0 50 100 200 300 500 1000



ADVANCE or TRIAL COPY
Not Yet Approved for Official Release Subject to Re-Check and Revision, Your Comments Are Invited
U. S. GEOLOGICAL SURVEY

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1215X

Date received 5/18/51

Participation

Compton I. White
Box 153
Clarkfork, Idaho

Name and address of applicant

Date May 1, 1951

FILL IN THIS BLOCK

Date of application May 1, 1951

Estimated cost $50,000.00

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine 3 miles West of Clarkfork, Idaho

Date of filing MF-100 May 1, 1951

DMA Docket Number, if available DMA-1215X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

_____ (Name of company)

By _____ (Signature of authorized official)

_____ (Date)

_____ (Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Application for aid for an
Exploration Project Pursuant to
Mineral Order 5, under
Defense Production Act of 1950

6. There are no leins or encumberences on the mining property covered by this application, however the present owner of the Copper Giant property has executed a deed which has been put in escrow at the Bank of North Idaho located in Priest River, Idaho. This deed runs to Compton I. White.

7. The property is not leased.

8. There has been no recent mine operation, therefore there is no financial statement or profit and loss sheet.

9. $25,000 which would be sufficient to pay ½ the cost of the contemplated exploration and development.

10. Copper Giant
87.135 acres patented mining land.
5 unpatented ming claims.
Clarinda
7 unpatented mining claims.
Larson
2 unpatented mining claims.

10b. The property is located in the Se¼ of Sec. 20, the SW¼ of Sec 21, the NW¼ of Sec 28, and the NE¼ of Sec 29 all in T56N, R2E, B. M. (See Plats and Maps)

15. Ore can be shipped crude or milled on a custom basis by the flotation mill of the Whitedelf Mining and Development Co which is 3 miles distant on a good surfaced road.

19. See Form MF-100

20. The exploration will be conducted for Copper Sulfide ores.

21. Reopen the caved portals of the upper tunnels to permit thorough sampling and examination. Estimated time for completion 30 days.

Surface exploration of the vein system by bulldozing to be conducted at the same time tunnels are opened. Estimated days of actual work, 20 days.

Remove the bulkhead from the 2100 ft. Clarinda tunnel at the base of the mountain and drive a crosscut at the inner end of the tunnel to intersect both the lone pine and Copper Giant veins and prepare the veins for mining. Estimated time for completion, 6 months.

22. See Wilson and Trask reports.

23.

Clean Portals (caved)	$1200.00
Bulldozing 20days @ $80/day	1600.00
1150 ft of crosscut including labor and explosives @ $20/ft.	23000.00
Engineering $200/month	1200.00
Supervision $500/month	3000.00
Shop building	750.00
Rail 10ton @ $80.00/ton	800.00
Timber	800.00
Spikes, splices, and bolts	150.00
4 Ore cars @ $250.00	1000.00
250 CFM Compressor	8000.00
50 HP Motor and Starting Equipment	1000.00
Receiver	200.00
Drifter	725.00
Steel and Bits	300.00
Bar,arm and saddle	150.00
Hoses and water tank	150.00
Shop equipment	1000.00
Fan and vent pipe	1500.00
Rent Trammer $100/month	600.00
Rent Mucker $80/month	480.00
Electricity $150/month	900.00
Small equipment and repairs	1395.00
	$50,000.00

24. It is proposed to use a crew of four men for one month to reopen the caved portals of the upper tunnels to permit thorough sampling and examination of the ore bodies from which shipments have been made.

It is proposed to hire a bulldozer at the rate of $10/hr. to strip the overburden from the the outcrops of the principal copper veins for a period of about 20 days. This work would be done at the same time as the work of opening the portals which are caved.

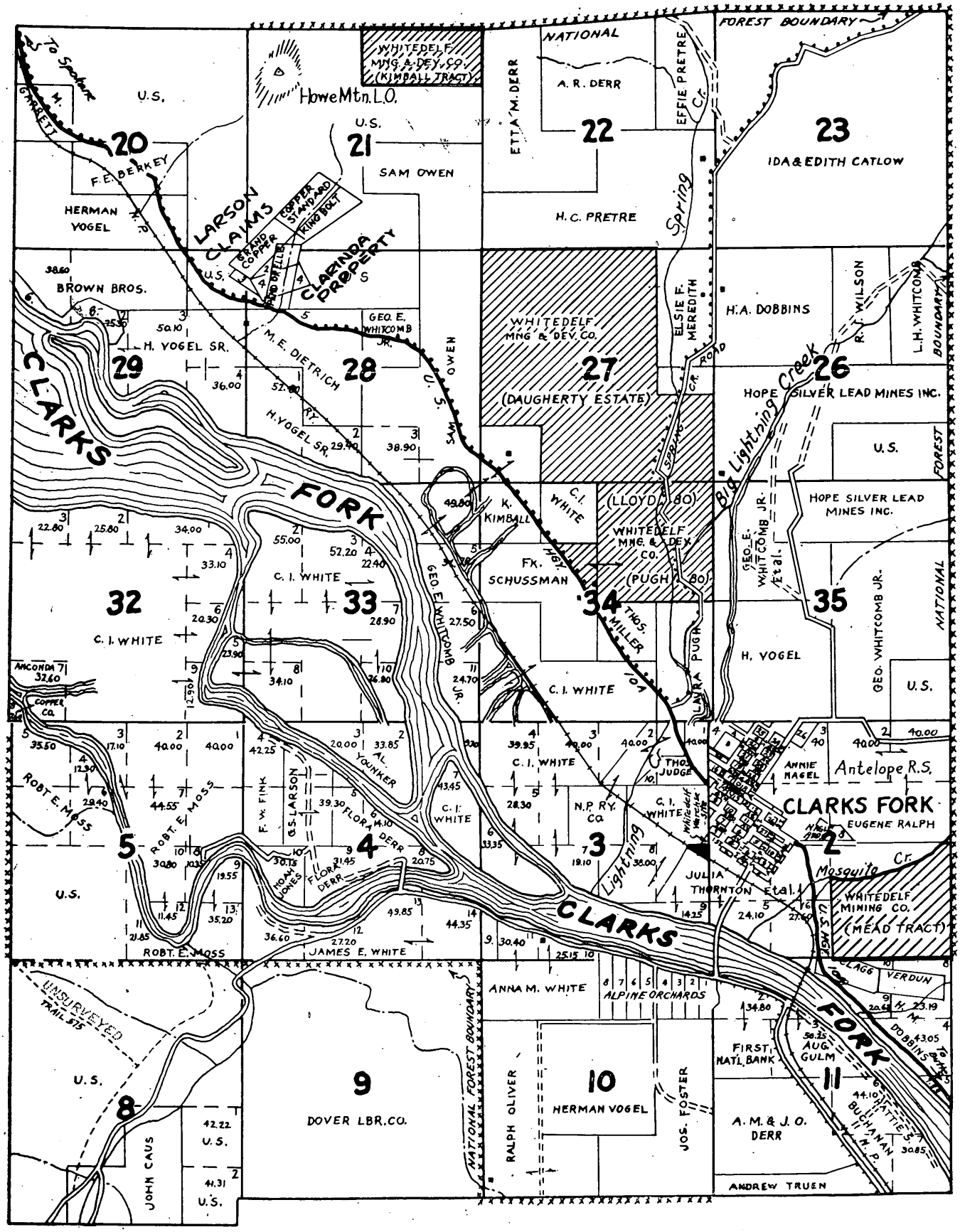
It is proposed to remove the concrete bulkhead from the No. 5 Clarinda tunnel (2100 ft. long) and drive a crosscut from the inner end of the tunnel to intersect and open the ore in the lone pine vein, estimated to be within 100 feet of the end of the No. 5 Tunnel and open the vein for a distance of 200ft.

It is further proposed to extend the same crosscut to intersect the Copper Giant vein estimated to be 750 ft. from the end of the No. 5 Tunnel, and open the vein for a distance of 200 ft.

With the mine equipped, the bulkhead removed from the No. 5 tunnel and the crosscut complete to the ore shoots in the lone pine and Copper Giant veins which are estimated to have 350 feet of backs of ore above the level of the No. 5 tunnel, this copper mine can be put in steady production.

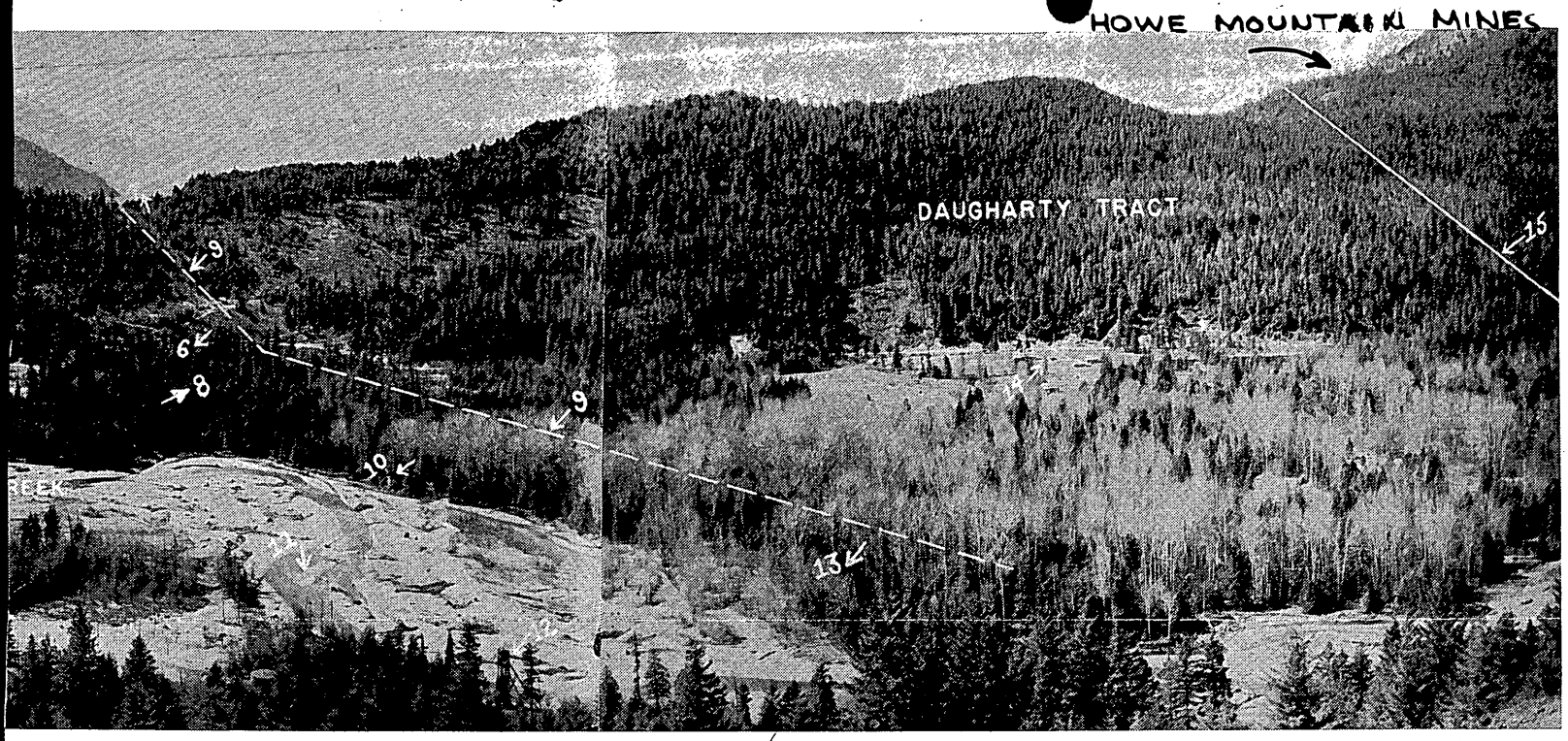
The Clarks Fork Mining District

IN IDAHO



Ownership Map Showing Sections and Subdivisions in Parts of Townships 55-56
North Range 2 East Boise Meridian

NG PROPERTIES AND TH CLARKS FORK VALLEY



8 Location diamond drill hole No. 3
9 Line tracing surface course Pearl (Whitedelf) vein
10 Diamond drill set up at location hole No. 2
11 Lightning Creek
12 Head frame at Hope mine shaft
13 Location diamond drill hole No. 1
14 State fish hatchery
15 West boundary Whitedelf mining property

(9) YOU OWN AN INTEREST IN,
The cash operating fund on deposit in the Spokane & Eastern Bank in Spokane, Washington, amounting to $41,186.10 on April 7, 1947.

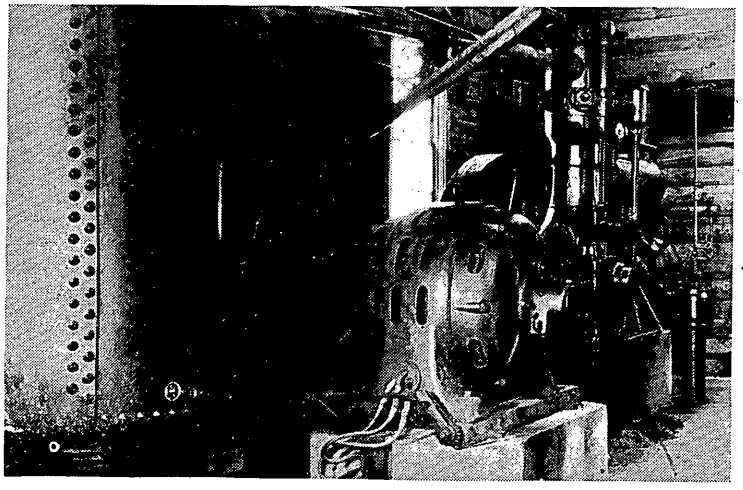
FOR A DESCRIPTION OF THE MINE WORKINGS AND RECORD OF MINE PRODUCTION.
(See the Whitedelf Company's mine prospectus.)

FOR AN AUTHENTIC REPORT ON THE NATURE AND VALUE OF THE UNDERLYING OREBODIES
As disclosed by the diamond drill explorations of the U. S. Bureau of Mines:
See the Lorain Report made by the U. S. Bureau of Mines; also see the Report made by the former Idaho State Geologist, Alfred L. Anderson, issued from Cornell University.
NOTE: All the Whitedelf mine holdings are in patented land.

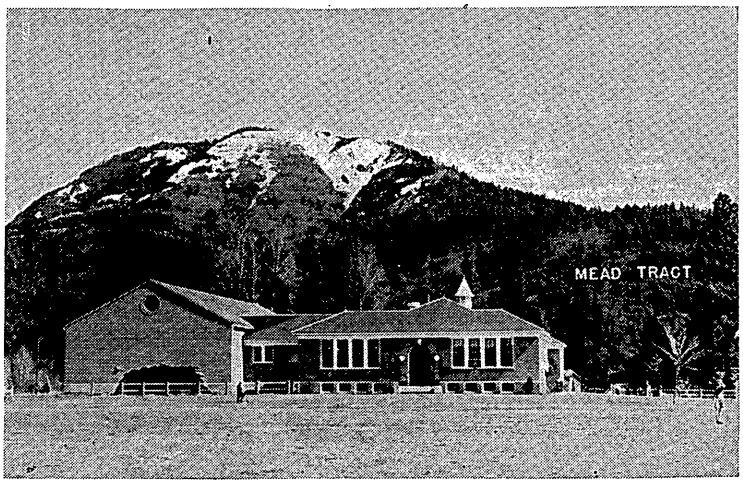
WHITEDELF IS A NEW PROPERTY AS MINES GO, NOW, IN INITIAL STAGE OF DEVELOPMENT.
Lead is scarce and high priced. The Whitedelf has the ore. The thing we must do now is to deepen the main shaft to get access to the proven ore in the lower levels and put the mine in larger and profitable production.

COMPTON I. WHITE

Addresses:
Home Office: Clarks Fork, Idaho.
Fiscal Office: 416 Empire State Building, Spokane, Washington.
Eastern Office: 608 North Carolina Ave., S. E., Washington, D. C.
Stock Transfer Office: U. S. Corporation Co., 15 Exchange Place, Jersey City, N. J.



Main Compressor Plant Whitedelf Mine



Mead Tract, Whitedelf Mining Property, on Antelope Mountain (Clarks Fork School Foreground)

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma-1215X

Date received 5/18/51

Compton I. White
Box 153
Clarkfork, Idaho

Name and address of applicant

Date May 1, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company)

By Compton H. Shields Jr
(Signature of authorized official)

(Date)

(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Mf-100

General Technical Data
for use under the
Defense Production Act of 1950

1. a. Copper Sulfide
   b. gold and silver

2. Lode mine with several openings and tunnels. Clarinda, Copper Giant, and Larson Groups of patented and unpatented mining claims.

   a. 193 ft. of shaft
   b. 250 ft. of drifts
   c. 2860 ft. of tunnels and adits
   d. Vein system explored by trenchs and open pits.

   Mine is not flooded

3. a. Three miles west of Clarkfork on paved highway U. S. 10A.
   b. Clarkfork
   c. T56N R2E BM
   d. Bonner, Idaho

4. a. not in operation
   b. owner

5. One shipment of crude copper ore made to the smelter from each property. As soon as bulkhead is removed from tunnel No. 5 (2100 ft. tunnel on Clarinda) and crosscut is driven from tunnel to open the Lone Pine and Copper Giant veins. Est. 6 months.

6. a. and b. Thirty years experience, mining, milling, and shipment of ores.

7. Both the Copper Giant and the Clarinda have been explored with mine tunnels. Both veins produced shipping ore from shallow mine workings, when deeper development was undertaken by the excavation of a long tunnel, litigation and the construction, by court order, of a bulkhead at the boundary line between the Copper Giant and Clarinda Properties forced a shutdown before the ore was reached.

   b. Whitedelf to the east on the same mountain ridge has produced 380 carloads of ore and concentrates. The Hope Silver Lead Mines and the Lawrence Consolidated Mining Company have produced and shipped ores for 25 years.

   c. Engineering reports by George R. Trask and Caryle Wilson included herewith.

11. It is planned to reopen the long tunnel and extend a short crosscut to open the ore bodies in both the Clarinda Lone Pine vein and the Copper Giant vein and mine and ship ore as fast as it can produced.

12. a. It is estimated that there will be 350 feet of backs in both the Lone Pine and Copper Giant veins above the level of the long tunnel. The length and width of these ore deposits in the vein will necessarily be determined by the extension of the proposed crosscut. The copper occurs as a chalcopyrite in a quartz vein.

13. Both properties front on U. S. Highway 10 A 3 miles from shipping point at Clarkfork, Idaho.

14. Tunnel drainage affors ample water supply.

15. The property is crossed by the transmission lines of the Mountain States Power Co. with ample electric energy available.

16. Miners living in the nearby communties of Clarkfork on the east and Hope, Idaho on the West will be available in sufficient numbers to complete the contemplated work.

17. There are no mine facilities on the property except a cookhouse and a bunk house.

18. The quartz vein structure on the Clarinda, Copper Giant, and Larson properties contains silicious copper ore, very much in demand at the AS&R Tacoma Smelter which is the logical outlet for this copper ore. There is a possibility that this copper ore can be shipped crude to the smelter.

GOLD and SILVER BOUGHT.

Wm. H. Stowell & Co.

CHEMISTS and ASSAYERS

421 SPRAGUE AVENUE

TELEPHONE MAIN 5924

DMA
12/5X

Memorandum of Assay of Rock made for

C.I.White Spokane, Wash., May 2,1951.

SAMPLE MARK	ASSAY VALUE PER TON OF 2,000 POUNDS AVOIRDUPOIS															
	....per lb.			Copper 24½ per lb.			Silver at 90 cents per ounce				Gold at per ounce				Total	
	Per Cent	DOLLARS	Cents	Per Cent	DOLLARS	Cents	OUNCES	10ths	DOLLARS	Cents	OUNCES	100ths	DOLLARS	Cents	DOLLARS	Cents
No. 1 Upper Lone Pine				13.2	64.	68	10.	7	9.	63	no				74.	31
No. 2 Upper Copper Giant tunnel				6.1	29.	89	.	8	.	72	no				30.	61
No. 3 Clarinda Tunnel #3				19.2	94.	08	1.	8	1.	62	no				95.	70
No. 4 W.vein Copper King				14.2	69.	58	.	5	.	45	no				70.	03
No. 5 Transformer Sta.				2.6	12.	74	.	2	.	18	no				12.	92
No. 6																
No. 7																
No. 8																

No. 143893-7

Charges $

Wm. H. Stowell & Co. Assayers

Dma - 1215 X

PROSPECTUS

COPPER GIANT MINING COMPANY

CLARKS FORK IDAHO

Comprising

87.135 acres of patented mining land
and
5 unpatented mining claims

CONSOLIDATED WITH

THE CLARINDA MINING PROPERTY

A group of 7
Mining claims
and

THE LARSON MINING PROPERTY

A group of 2
Mining claims

Located on

HOWE MOUNTAIN

in

THE PEND D'OREILLE MINING DISTRICT

of

NORTH IDAHO

THE CONSOLIDATION OF THE CLARINDA, COPPER GIANT AND LARSON GROUP OF PATENTED AND UNPATENTED MINING CLAIMS ON HOWE MOUNTAIN, THREE MILES WEST OF CLARK FORK, IDAHO

Mining deeds have been executed and placed in escrow for the patented and unpatented mining claims on the Copper Giant mining property. This deal makes possible for the first time in the history of this mining camp the consolidation in one individual ownership of all the mining claims which cover a series of big copper-silver veins embraced in the Clarinda, Copper Giant and Larson groups, a mining property crossed by U. S. Highway 10A and extending to the right-of-way of the Northern Pacific Railway mainline three miles west of Clark Fork, Idaho.

There is a lot of history behind this mining deal. Both the Clarinda and Copper Giant Mining Companies have made shipments of crude ore to the smelter. Both the Clarinda and Copper Giant companies were ruined by litigation some thirty years ago.

The Clarinda Company, organized by John E. White, spent over $100,000 in equipping and developing the Clarinda group of mining claims, containing the Lone Pine and Woodman veins. After opening and shipping crude ore to the smelter from the upper workings of the veins, deeper development was undertaken by driving a long tunnel from the roadside at the foot of the hill to get around the Copper Giant property and to reach and mine the ore in the lower levels of the vein. As the Clarinda vein on its dip proved to extend into Copper Giant ground and the long tunnel of the Clarinda drained a small stream above on which the Copper Giant Company had filed a water right, the Copper Giant

people succeeded in having the courts stop the work in the long tunnel of the Clarinda Company and in having the tunnel closed with a concrete bulkhead at the property line just when the tunnel had reached the point where the Clarinda Company was ready to drive a cross-cut tunnel from the inner end of the long tunnel to open the ore on the lower levels of the Lone Pine vein from which shipments had been made of ore mined in the upper workings of the mine.

A short extension of this same cross-cut will tap the ore in the nearby parallel vein in the Copper Giant property, from which ore had been shipped from its upper workings, as you will note from the Copper Giant map and engineer's report enclosed. (See general remarks, Page 7, in Report of George R. Trask, Copper Giant mining engineer.)

The real objective of this mining litigation may be apparent from the statements in Engineer Trask's report, who was the brother-in-law of Miss Thibadeau, owner of the Copper Giant property.

The American Smelting and Refining people tell me that they are short of siliceous ore for their Tacoma smelter. Well, big veins of siliceous copper-silver-gold ore is exactly what we have in the big veins that cross the Copper Giant, Clarinda and Larson groups. This property can be developed and put into production with relatively small cash outlay. The U. S. Bureau of Mines can be called on to give a hand in clearing off the outcrop of the veins with a bulldozer and opening the portals of

the caved tunnels so each of the veins can be thoroughly sampled. When this is done, the Bureau of Mines can easily explore the ore deposits in the lower levels of the veins in a diamond drill program.

One thing I have noticed that seems to have been overlooked in studying the outcrop of the vein structure is that the parallel veins in the Clarinda and Copper Giant dip to the west and the veins crossing the Larson claims dip to the east, which would indicate that if the dip of the veins remain constant on their downward extension, these veins will intersect at depth.

Now with things shaping up for a consolidation of these three mining properties, I am looking forward to developing them into big producing mines.

Compton I. White

COMPTON I. WHITE

LOCATION

The property is located three miles west of Clark's Fork, Idaho, and seven miles east of Hope, Idaho, on the north side of the Clark's Fork River, and adjoining the right of way of the Northern Pacific Railroad on the north.

TRANSPORTATION

The shipping facilities are ideal, requiring but 497 feet of railroad spur track from the main line of the Northern Pacific Railroad to reach our bunkers. Copy of letter authorizing same follows. It is also possible to ship by boat to Sandpoint as navigable water is within one-fourth of a mile of our property.

"Mr. R. C. Chism,
c/o Spokane Hotel
Spokane, Wash.

July 20th, 1916
File GA

Dear Sir:-

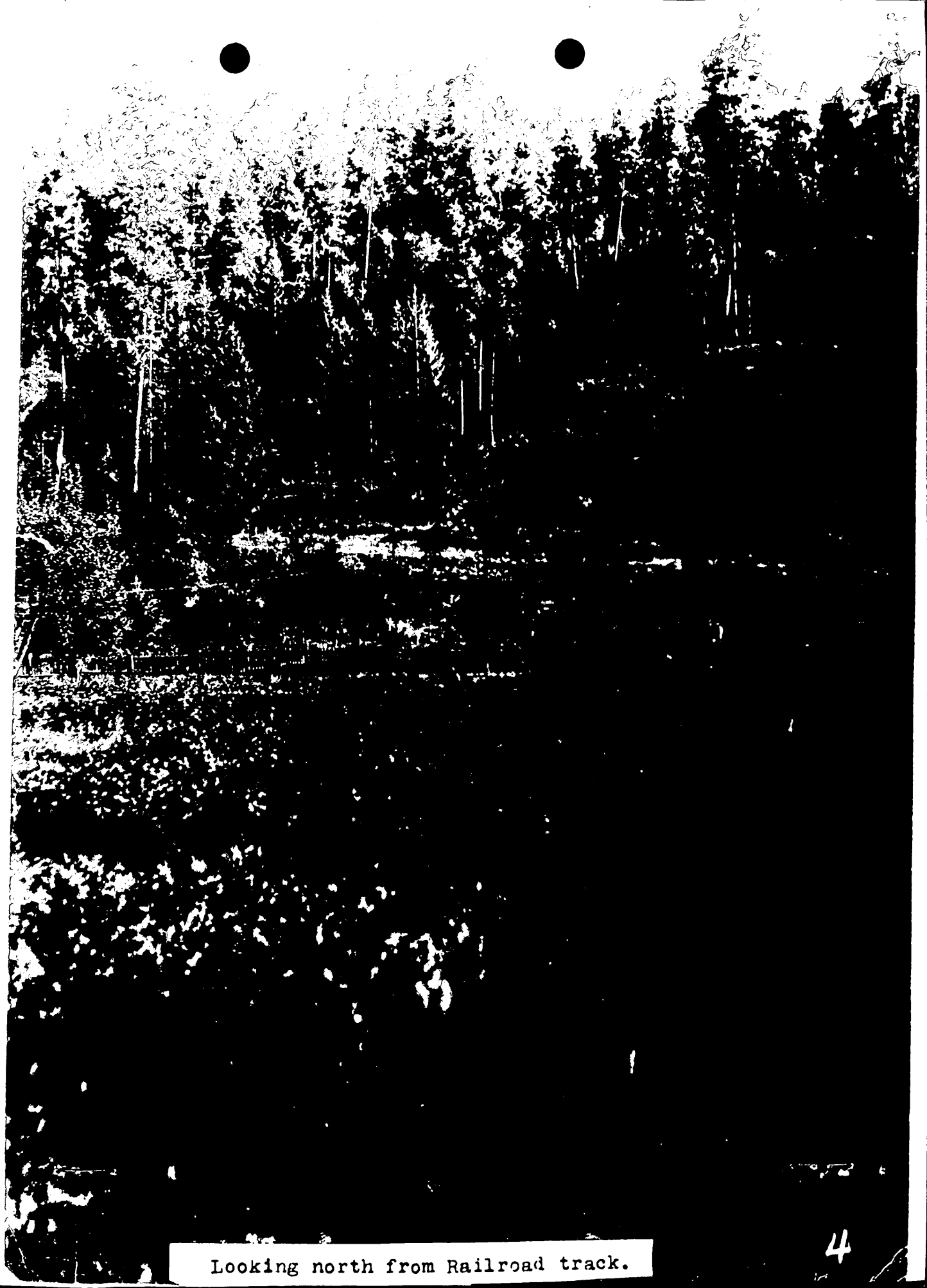
Confirming my conversation with you in regard to proposed spur near Denton to serve the Copper Giant Mining Company, emergency authority has been given by our management to proceed with this work as soon as the Mining Company have constructed the road bed and deposited with us $363.57 to cover their proportion of the expense. We are, therefore, prepared to proceed when you have carried out your part of the program.

Yours truly,

C. P. Lonergan
General Agent
Northern Pacific Railway"

N.P. Freight train, River in background.

3



Looking north from Railroad track.

POWER

The Northern Idaho & Montana Power Company's line passes over this property, the management of which has named us a price of $48 per year per horse power, figured on 24 hours per day running full load, which means with our operating 16 hours per day and the compressor using only about 60% of a load, a very low operating power expense, being even much less than the salary of one fireman.

TIMBER, WATER, etc.

There is sufficient timber on the property for all future needs and plenty of water from springs on our own site, all of which has been filed on, giving us ample protection for our future water supply.

ROADS, etc.

The property is located on the Washington, Idaho & Montana Auto Road and Telephone Line, which is the main thoroughfare from Spokane, Wash. to Butte, Montana.

BUILDINGS

Consists of one five room house, one cook house 20x30, bunk house 20x30, also bunk house 16x24, blacksmith shops, etc. Pictures of same on following page.

POWER

ROADS

BUILDINGS

DEVELOPMENT

Tunnel No. 1 is 70 ft. on the 300 ft. level, with a winze 45 feet deep, showing a very high grade of ore running from 22% to 25% and $3.50 in gold.

Tunnel No. 2 is 640 feet on the 400 foot level, and in 15% ore for 85 feet. This tunnel when driven 35 feet should cut the body of ore found in the winze in Tunnel No. 1. There is 225 ft. of stoping ground.

Tunnel No. 3 is 70 feet on the 750 foot level and has cross-cut same body of ore as Tunnel No. 5. 60 ft. of stoping.

No. 4 tunnel is short prospect tunnel in 95 feet but shows a nice lead of ore.

Tunnel No. 5 is 300 feet on the 840 ft. level, showing a 4 ft. vein of 4% ore, of $2.00 in gold. This tunnel has a stoping depth of 150 feet.

Tunnel No. 5.

Tunnel No. 6 is 70 feet on the 900 foot level and is in five feet of 4% ore with 18 feet to go before the hanging wall is cut. This tunnel has 52 feet of stoping ore.

Mr. B. C. Bjorn
Clark's Fork, Idaho

Dear Sir:

Replying to your letter of November 13th, I give you below results on your two samples:

	Gold	Silver	Copper
#1	0.36 oz.	0.12 oz.	14.2%
#2	0.08	0.04	

You will note that sample #1 is the only good sample. On ore such as sample #1 we give you below our schedule:

GOLD: Pay for ninety-five per cent of the gold at $20 per oz. No pay for gold under .03 of an ounce per ton.

SILVER: Pay for ninety-five per cent of the silver at New York quotation. No pay for silver unless one ounce per ton.

COPPER: Pay for 100% of the copper on the wet assay, less a deduction of 1.3% at E & M Journal wirebar price, less a deduction of 3% per pound.

TREATMENT CHARGE: $1.50 per ton flat when copper is 15¢ per lb. or less. When copper is over 15¢ per lb. our treatment rate is increased 1/4¢ per pound of copper paid for each one cent increase in the quotation over 15¢ to a maximum of $2.50 per ton.

Zinc: Limit eight per cent. Thirty cents a unit charged for any excess.

Yours truly
H.Y.Walker, Manager
Tacoma Smelting Company, Tacoma, Washington.

//

Tunnel No.6.

N.P. North Coast Ltd. Taken from Tunnel No.6.

ASSAYS

By the Tacoma Smelter, Dec. 4, 1915.

	Gold	Silver	Copper	From Tunnel
#1	0.36 oz.	0.12 oz.	14.2%	1

By Wm. H. Stowell, Spokane

April 8th, 1916.		1.4 oz.	14.3%	2
April 29th, 1916		1.4 oz.	10.6%	1, 2, & 3
May 27th, 1916		1.2 oz.	3.1%	Shaft #3

ALL QUOTATIONS ON ORES AND METALS NOT UNDER CONTRACT SUBJECT TO CHANGE WITHOUT NOTICE

TACOMA SMELTER

AMERICAN SMELTING AND REFINING COMPANY

TACOMA 1, WASHINGTON

E. R. MARBLE
MANAGER

GLENN E. SIGLER
ASSISTANT MANAGER

PAUL T. BENSON
GENERAL SUPERINTENDENT

November 21, 1950

Whitedelf Mining and Development Co.
416 Empire State Building
Spokane 8, Washington

Attention: Mr. Compton I. White

Gentlemen:

This will acknowledge your letter of November 15, 1950, in regard to a shipment of crude ore from the Copper Giant Mining Company.

We find that this shipment was made in 1926 and consisted of approximately nine dry tons having the following analysis:

Ounces per ton		Percent				
Au	Ag	Cu	SiO2	Fe	S	Al2O3
0.10	0.2	12.72	45.4	17.4	18.9	2.9

Ore having a similar analysis to the above, would return approximately $44.46 per net dry ton f.o.b. cars at our smelter, from which you would have to deduct the transportation costs. Your return would be based on shipment in bulk in drop bottom gondola cars in quantities greater than five tons.

For good reasons we do not make a practice of sending out copies of settlement sheets, as we feel these should be sent to the shipper and to him only at the time of shipment.

Very truly yours,

D. A. Somerville

D. A. SOMERVILLE

DAS:cg

FORM 8 SM 12-26

TACOMA SMELTER

AMERICAN SMELTING & REFINING COMPANY

TACOMA, WASHINGTON, October 19th 1927

BOUGHT OF Clarinda Copper Mining Co.

Clark's Fork, Idaho

MATERIAL Bulk copper ore

SMELTER LOT 2675 MINE LOT DATE RECEIVED 10/10/27

CAR OR VESSEL 45555

QUOTATION: SILVER 55 7/8 COPPER 12.95 LESS 2 1/2 CENTS 10.45 CENTS

			ASSAY		VALUE PER TON				
GROSS WEIGHT									
LESS SACKS				01	GOLD AT				
NET WET WEIGHT	19	460	5	59	SILVER less ½ AT 55 7/8	1	72		
LESS 0.68 % MOISTURE		132	12	49	WET COPPER 249.8 LESS 26 LBS.				
NET DRY WEIGHT	19	328			223.8 LBS. AT 10.45	23	39		
					GROSS VALUE	25	11		
					TREATMENT	4	00		
NET TONS	9	664	AT		NET VALUE	21	11	204	01

ANALYSIS		TREATMENT			DEDUCTIONS				
		BASE			LESS FREIGHT Min.40,000 7.09	141	80		
IRON	8.7				"				
INSOL.	1.4				"				
LEAD					"				
ZINC					"				
NICKEL					"				
S102	51.6				"				
Sul	13.0								
Al203	1.3				TOTAL DEDUCTIONS			141	80
					NET PROCEEDS			62	21

CAR NUMBER	WEIGHT	

NOTICE: All prices on Ore, not under contract for a specified time, are subject to change without notice.

An additional charge of $10.00 per lot, for sampling and assaying, will be made on all lots containing less than five tons.

A reasonable size sample of above lot will be held for a period of 30 days.

AMERICAN SMELTING AND REFINING COMPANY

120 BROADWAY

NEW YORK 5, N. Y.

R. L. JOURDAN,
MANAGER
ORE DEPARTMENT

January 19, 1951

Congressman Compton I. White
Whitedelf Mining and Development Co.
608 North Carolina Ave., S.W.
Washington 3, D. C.

Dear Congressman White:

This will refer to your letter of January 16th in which you request certain information regarding the value of crude ore based on present metal prices.

Mr. Hatch of my office has written to you at the House of Representatives under date of January 17th giving you the information you asked for. I am attaching copy of Mr. Hatch's letter.

You will note that the ore represented by the assay of the Clarinda Copper Mining Company shipment to our Tacoma plant on October 19, 1927 would be worth under present conditions $42.06 per ton f.o.b. Tacoma plant, whereas under the conditions which prevailed in 1927 when the shipment was made, it would have been worth $21.11 per ton f.o.b. Tacoma. Today's value of the ore is thus substantially double the 1927 value.

Yours very truly,

AMERICAN SMELTING AND REFINING COMPANY

R. L. JOURDAN

RLJ:DE
ENC.

New York, N.Y., January 17, 1951

Product: Bulk copper ore.

Tonnage: 19,328#

Assay:

Gold	.01 oz. per ton
Silver	3.59 oz. per ton
Copper	12.49%

Quotations: Silver, 90¢ per ounce; Copper, 24.2¢ per pound.

Value Per Ton

Gold:		
Silver:	3.59 - .5 = 3.09 oz. @ 90¢ =	2.78
Copper:	249.8# - 26# = 223.8# @ (24.2¢ - 2.85¢) =	47.78
		50.56
	Base Charge	8.50
Pay Shipper f.o.b. Tacoma Smelter		42.06

ALH:MED

Dma-1215X

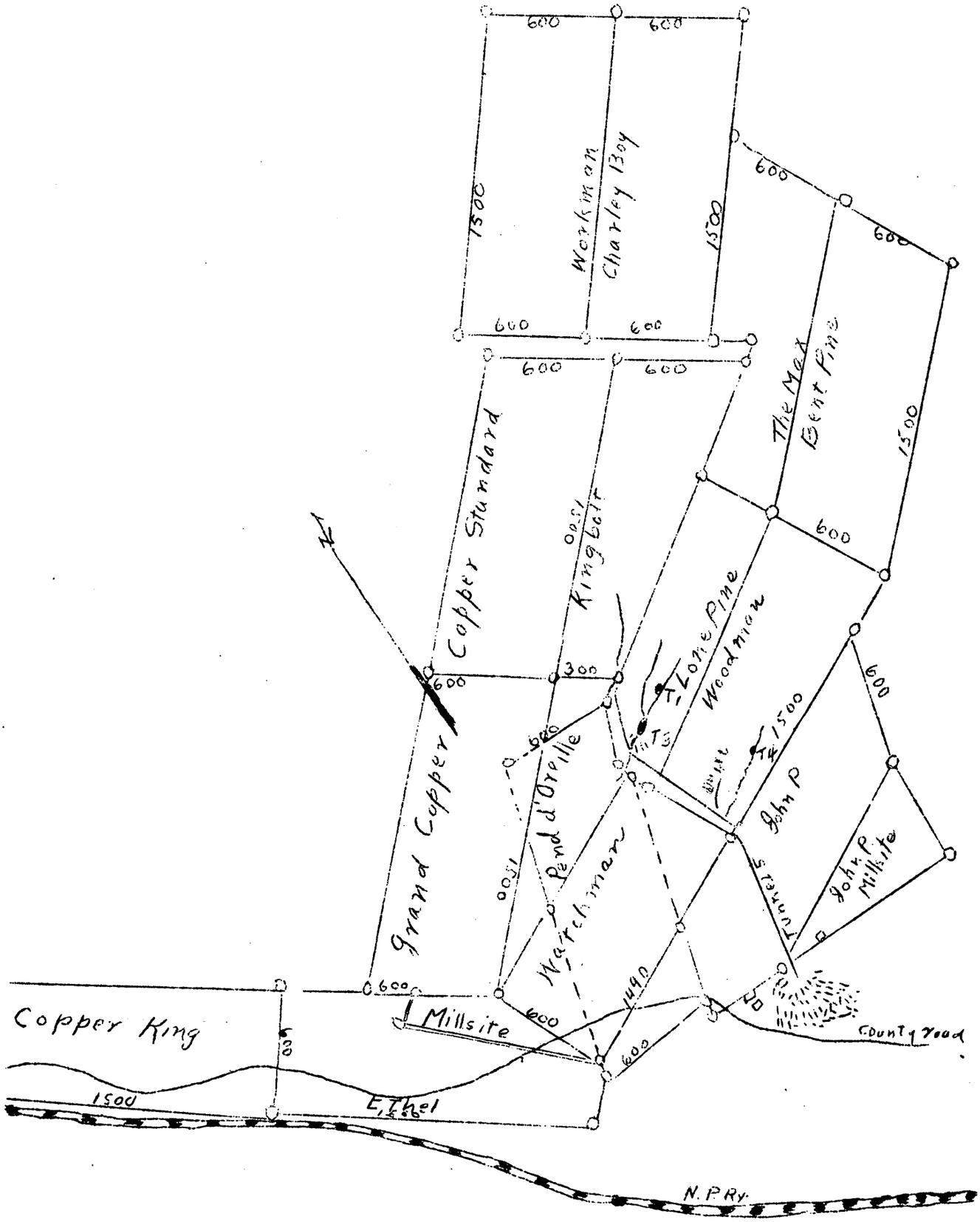
ENGINEER'S REPORT
on the
CLARINDA COPPER MINING PROPERTY
in the
PEND D'OREILLE MINING DISTRICT
of IDAHO

The group consists of seven mining claims all owned by the Clarinda Copper Mining Company, and are the John P. Woodman, Lone Pine, Bent Pine, The Max, Charley Boy and Workman; also the John P. Mill Site.

The accompanying sketch shows their relative positions; also the position of the property of the Copper Giant Mining Company's Claims adjoining.

In addition to the above, the Clarinda Company has acquired by a bonding arrangement two claims known by as the Larson Group.

CARYL W. WILSON
Engineer.


Workman
Charley Boy
Copper Standard
Kingbolt
The Mat
Bent Pine
Lone Pine
Woodman
Grand Copper
Pend d'Oreille
Watchman
John P
John P Millsite
Tunnel
Copper King
Millsite
Ethel
County road
N. P. Ry.
600
1500
300
1490

LOCATION

These claims are located in Sections 21 and 28 in Township 56 North, Range 2 East of the Boise Meridian, Bonner County, Idaho, on what is known as Howes Mountain, about three miles Northwest from the village of Clarksfork. A good County road running between Hope and Clarksfork crosses the Southwest corner of the John P, the Northern Pacific Railway is but 1000 feet from the County road. There is a spur or siding 2½ miles to the West and at Clarksfork, 3 miles to the east. Also the land adjacent to the Northern Pacific is perfect for a spur for the accommodation of these mines, as the side hill enables the construction of storage bins from which cars can be loaded by gravity. The transportation question needs no further discussion. The Larson Group will be taken up separately.

GEOLOGY & HOWES MOUNTAIN

The Lone Pine and the Woodman were the original locations in this group. The locators, Cal and Tom Owens (old time prospectors and familiar with the great Coeur d'Alene Mining Region), prospected this hill because of the great similarity of the formation here and in the Coeur d'Alenes. An examination of the quartzites and slates proves the accuracy of their deductions, as the quartzites are the Burk Quartzites and the slates, the Prichard Slates. The many digests made of these quartzites and slates by geologists, during the years just past make it unnecessary at this time to go into a lengthy discussion of them here. The trend of the laminations is Northwest and Southeast, dipping at an angle of 70 degrees from the horizontal to the Northeast. The bedding plains are very regular with well defined ribs of the different rock. No secondary disturbance appears except well toward the top of the mountain where a conglomorate dyke of much more recent age makes its appearance, cutting the formation at a very radical angle to the original fissures which contain the ledges of this system. This dyke was first observed in The Lawerrence Mine on Antelope Mountain some 4 miles to the east and as it is softer than the older formation its eroded channel can be followed with the eye for several miles.

VEINS OR LEDGES
and
DEVELOPMENT

The ore bearing Veins or Ledges crossing this property and the property of the Copper Giant and The Larson Group are of the same family, running nearly parallel to each other and having the same general characteristics it has been possible to observe the same. There seem to be four principal ledges with many smaller ledges between and the whole system being connected by small cross spurs. However there is a tendency or rather a possibility that all of these ledges would merge into one somewhere north and east of the crest of Howes Mountain, but wash being very heavy on that side of the hill, no study has ever been made of the actual conditions. The veins cut the formation at about 70 degrees, the cutting being sharp and well defined. The dip of the ledges is about 25 degrees from the perpendicular and the horizontals strike not far from 47 degrees East of North. The strike of the croppings depends largely on the angle of the incline of the hill. In some places the slope of the hill reaches a vertical angle of 30 degrees. The walls wherever observation has been made are smooth, well defined and coated well with talc.

The Armstead Mine's Main Ledge (Little Joe Ledge), just across Lake Pend d'Oreille from this property is now open to a depth of 1500 feet on the dip of the ledge from the spex of the mountain, it is but fair to presume that a similar condition exists on this side of the lake. And further examination of these ledges by different Engineers in the past has brought forth the above opinion regardless of the demonstration of the Armstead Mines.

The vein or ledge fillings is lime and silica, impregnated with iron sulphides throughout. The principal ledges are the Woodman, which runs through the Bent Pine and Woodman Claims and also crosses into the Watchman property of the Copper Giant Company and on into the Larson group. The Lone Pine runs through the Max and Lone Pine Claims, also through the Watchman. The Charley Boy is probably the extension of the Pend d'Oreille Ledge of the Copper Giant Company and The Workman Ledge is the extension of the Copper Standard Ledge.

This Workman Ledge is the principal ledge of the Copper Giant Company and is considered by that Company as being their most promising producer and has a very fine showing in their #2 Tunnel. Between the Woodman and Lone Pine Ledges are two small but well defined parallel ledges. Little or no work has been done on these two ledges, therefore the character of the same cannot be determined at this time, farther than to say that the croppings resemble the croppings of the Mines of the Coeur d'Alenes, showing much oxidized iron, the salicious portion of the ledge matter is very soft and porous, which porous condition indicates that the values have leached from immediate surface. The Woodman Vein appears to be the strongest vein on the Clarinda Property. It is larger and the walls are more uniform. The principal values disclosed by the small amount of work on this ledge is silver in Bromide form. The #5 tunnel cuts this vein and its development is now in progress. The Lone Pine Ledge has been developed by 3 adits or tunnels on the Lone Pine Claim. In numbers 1 and 2 very little values were encountered for the reason that these two adits were made in the bed of the creek that comes down from a large flat above and the water prevented the prospectors from gaining any appreciable depth. Number 3 tunnel is 535 feet in length from the portal. The first 85 feet was run outside of the vein entirely to avoid the mistake of the prospectors in numbers 1 and 2. From this point a short cross cut brought the tunnel into the vein, the vein where cut showed little or no values, but a drift of 25 feet encountered a silver and lead ore showing. This ore showing where encountered was 3 feet wide and continued strong for about 70 feet on this level. The end of the ore chute is nearly perpendicular when first encountered, but at the inner end the angle of the ore showing showed that it was increasing in length and the angle of increase is between 30 and 35 degrees. At places this ore showing is 5 and 5½ feet wide, wider in the floor of the tunnel than in the roof. The vein at this point attains a width of nearly 15 feet. This ore is of low grade and would not pay to ship unless concentrated. This ore will concentrate very readily.

A mass assay of this chute shows the following values:

Gold	Silver	Lead
Trace	9.5 oz.	2%

From the end of this chute the drift was continued and showed little value for 180 feet, at which point another ore showing was encountered, which disclosed very high values in silver and copper. This showing on the level of the tunnel is 30 feet in length. A raise has been worked out above this level and at 20 feet above the level of the floor of the tunnel the pay chute is but 16 feet in length, which shows an increase of length of the pay chute of 14 feet in 20 feet of depth on the chute.

It is only fair to presume that this ore chute will continue to lengthen as depth is attained, possibly and probably not as rapidly as it has lengthened in this 20 feet; the comparison furnishes something to go on. The #5 tunnel driven from the County road at the foot of the mountain cuts this vein at some 400 feet below the level of number 3 tunnel. Therefore it would not be practical or economic to mine this ore from this level.

Mass assay of this chute shows the following values:

Gold	Silver	Copper
.04	24 oz.	4.5%

Selected samples show partly in the following:

Gold	Silver	Copper
.04	57.5 oz.	9.25%
.04	206.3 oz.	19.8%

The two veins running across the John P. Claim have very little exposure and it is impossible to form conclusions as to their dimensions or as to what they will carry in values. The principal adit on these veins are on the Copper Giant Company's ground. The small vein first exposed while setting poles for the Power Plant crosses the John P. Claim at nearly right angles to the strike of the main ledges would be classed as a spur. This vein is made up of decomposed quartz and iron oxides, which iron oxides are sprinkled with galena and copper sulphide spots. I believe Mr. Delaney, while at Clarksfork, took samples of this ledge and can supply assay results.

In addition to the above series of ledges, Mr. White has located two other claims lying to the North and West of this group, which, I am informed, is to become a part of the group. There has not been sufficient development work done at this time to form much of an estimate as to their value or dimensions.

WATER SUPPLY AND DRAINAGE

On the Southwest end of the Woodman Claim is a spring which I am informed runs all the year around. A pipe line connected with this spring will supply sufficient water for domestic use and for the cooling of the compressor.

Tunnel number 3 on Lone Pine is very wet and unless some provision is made for the carrying off of this water it will materially increase the cost of mining in the lower levels. The reason for this excessive flow of water in this tunnel is a large flat far up on the mountain where water accumulates and comes down through the porous seams adjacent to the vein. The contour of the hill is such that ditches can be dug which will carry this water off and prevent it gathering.

CAMP SITE AND DUMP SITE

In addition to their claims, the Clarinda Company has purchased a small tract of land lying south of the John P. and the John P. Mill Site. The object of this purchase was to properly connect the group with the County road and to provide camp site and dump ground for their long tunnel. On this purchased land the Company has erected a combined compressor house and blacksmith shop, cook house and bunk house. The buildings will care for a crew of about thirty men. The blacksmith shop is equipped sufficiently for the work required.

The machinery installed consists of:

One 40 Horse Power, 2200 V. 3 phase, 60 cycle A.C.Westinghouse Motor
One Sullivan Belt driven W. 66-10x10 Compressor.
One D.R. 6 Water Lyner Drill 1¼ inch steel.
15 sets (4 piece) 1¼-inch Hollow drill steel.
2200 feet of air line.
1850 feet 3/4-inch water pipe line.
10 tons 16 lbs. rail.
3 ore cars.
Electric light system.
Connection is made with the Power line of the Mountain States Power Company and power is now being furnished.

Fully equipped blacksmith shop.
1800 feet ventilating pipe.
One Buffalo exhaust fan.

WATER

The main vein found on the Clarinda property and the adjoining Copper Group dip about 20 degrees from the perpendicular to the Northwest, and the surface lines of the mine locations were staked to embrace the ground on each side of the outcrop of the veins as provided by law fifteen hundred feet (1500 ft.) on the veins and three hundred feet (300 ft.) on either side with extra lateral right to follow the vein on its downward course wherever that course might take the miner. This is defined by Section 2322 revised statutes of the United States.

The Clarinda Company in developing their Lone Pine vein on the level of the #5 tunnel and drifting on this vein have followed the dip under the sidelines of the adjoining (Copper Giant Group) and have cut various underground streams of water, which streams lie entirely within the walls of their vein.

The Copper Giant Company have entered suit alleging that this tunnel has cut thinly bedded slate that drained their ground and dried up their water supply, and have obtained a temporary injunction restraining the Clarinda Company from work on that part of the Lone Pine vein which lies within their line.

Pending the adjudication of this case, the Clarinda Company is developing the Woodman vein, which is also cut by the #5 tunnel, intending to develop this vein for several hundred feet, then from a point opposite the Peterson Ore body in the Lone Pine vein to crosscut to the Lone Pine vein. This will open the Woodman vein and determine the extent of the ore showing as found in #4 and will develop the virgin ground lying between these two ore chutes, and in this way avoid any further difficulty with the Copper Giant Company.

THE LARSON GROUP

As heretofore stated, the property of the Copper Giant Company lies just West of the original Clarinda Group, and the Larson Group (consisting of The Copper King and Ethel lode claims) lie just South and adjoining the Copper Giant Group. In fact their North boundary is the South boundary of the Copper Giant, and their South boundary is the right of way of the main line of the Northern Pacific Railway.

This group was recently acquired by the Clarinda Company by a bonding arrangement and is being worked and developed by leasers.

The mineralization of this group consists of the main veins of both the Copper Giant and the Clarinda Property crossed by a network of veins running from the Northwest to the Southeast. The veins running from the Northeast to the Southwest have been partly explored by short tunnels and the veins running Northwest and Southeast by shallow shafts and pits. Some very strong showings of copper and gold ore have been uncovered in these shallow workings.

This group has some very promising showings and is considered a valuable adjunct to the original Clarinda holdings.

CONCLUSION

One fact in mining should be kept in mind. No mine has yet been worked anywhere that has been uniform in grade. Even the great Comstock has barren sections. All ore bodies, no matter how rich, thin out or pinch in places and then enlarge again and very rarely do they stand perpendicularly to the strike of the vein but rake one way or the other.

Therefore pinching of ore bodies is natural and should not be discouraging.

All the facts gathered indicate that these veins are true fissures of deep seated origin, their walls, the manner in which they cut at an acute and obtuse angles, the different types of rock and thus run their own independent course, is full and complete demonstration of that deduction.

Also the fact that they occur in the same formation in which lie the great Coeur d'Alene mines add greatly to their prospective value.

The fact of the accessibility to transportation adds greatly to whatever ore bodies may be encountered.

Respectfully submitted,

/s/ CARYL W. WILSON
Engineer

Dated at:

Sandpoint, Idaho
June 15, 1925.

ENGINEER'S REPORT
ON
THE PATENTED MINING PROPERTY
FORMERLY KNOWN AS
THE COPPER GIANT MINING PROPERTY

Situated in Pend O'Reille Mining District, Bonner County, Idaho.

This property, comprising about 160 acres, embracing seven mining locations and a Mill site of patented ground containing 87.135 acres, and four locations of about 73 acres held by location under the mining laws of the United States, is situated on the southern slope of Howe Mountain. In section 20-21-28 and 29 Township 56 N. Range 2 E. Boise Meridian.

The property starts from the base of the mountain and rises to a height of nine hundred feet, about 1050 feet above the level of Clark Fork River and Lake Pend O'reille and the Northern Pacific Railroad; all close to the base of the mountain.

The mountain is steep, at places precipitous. The altitude of the mine is 2100 feet above sea level. The snowfall is light, the climate is mild and salubrious the year through, admitting of outdoor work the entire year without discomfort.

Accessibility

The property is directly on the United States, surfaced, Lewis and Clark Highway. The Northern Pacific Railroad, and the Clarksfork River at the Confluence of said river with Lake Pend O'reille is within a few hundred feet of the property. The Highway, Railroad and River skirt the base of Howe Mountain, along the south boundary of this property. The town of Clarksfork, a R.R. station of said railroad with its several business houses, brick school building, churches, hotels, etc. is about three miles, via said highway from this property.

Less than a half mile spur would bring the railroad to the working haulage tunnel. Pend O'reille Lake is a navigable lake, skirted by the Northern Pacific Railroad for several miles.

Thus it is seen that water and rail transportation is easily accessible. The electric power line from Sandpoint to Clarksfork, which furnishes electric power to the different mines of the district passes over the property; one of its large transformers being located within two or three hundred feet from the proposed tunnel site.

Topography and Geology

Howe Mountain, on the south slope of which this property is situated is a part of the Cabinet Range.

The general formation consists of the Pre Cambrian quartzites of the Belt group of the Algonkian age; similar in all respects to the Quartzites of the famous Coeur d'Alene mining region, thirty-five miles southeast.

I may here remark that I am familiar with the rock of the Coeur d'Alene as I have worked there for more than forty years at my profession as a mining engineer, being so employed in most of the important mines of the district.

From these quartzites the Coeur d'Alene mines from 1900 to 1930 produces ores to the value of more than a billion dollars, according to figures compiled by the Idaho State University of the School of Mines. Twenty-six Million Dollars of this was from copper ore, though the Coeur d'Alenes is supposed to be a Silver-Galena Zinc camp.

Veins and Ore

The several veins on this property outcrop at many places, and by their outcrop may be followed for a long distance. At many places the croppings are very strong, all showing more or less enrichment principally of chalcopyrite, pyrite and malachite. They have a north easterly, south westerly trend, with a steep dip to the northwest.

The most pronounced outcrop of the several veins is at the south base of the mountain, close to the highway and railroad. Here they are from five to fifteen feet wide, generally of white quartz with chalcopyrite strongly disseminated through it. They all follow fissures which they have enlarged to a greater or less extent by replacement.

The little work done on these veins at the base of the mountain show a continued improved enrichment, very gratifying considering the slight depth obtained.

Of these veins only the Copper Standard has been explored to any extent. This Grand Copper-Copper Standard vein may be easily traced from its heavy cropping at the base of the mountain on the Grand Copper location to the north end line of the Copper Standard, a distance of three thousand feet.

At the southerly end of the Copper Standard and the northerly end of the Grand Copper where there was a strong cropping of the vein a short tunnel (No. 3 on attached map) was driven a few feet below the outcrop, following a vein from two to three feet wide, of Quartz well mineralized with chalcopyrite ore. This tunnel was twenty feet long. Assays showed this vein filling to run from six to twelve percent copper.

In order to get more depth on this showing a tunnel (No. 2 on map) was started as a cross cut, 100 feet lower than No. 3, on the north end of the Grand Copper location. In 260 feet this cross cut encountered the vein and followed it 200 feet, when it encountered the ore which it followed for 110 feet. The first 200 feet on the vein was a matrix of white quartz with chalcopyrite well disseminated all through it. The last 110 feet on the vein showed it to be from two to six feet wide, the richest ore lying next to the hanging wall. Though there are important bunches of ore all through the vein, for thirty feet the ore, ten to twelve inches thick, of nearly solid pure chalcopyrite ore from the bottom to top of drift was in place on the hanging wall. This gave assays of 25% copper.

The vein has a soft gouge along both walls. The walls are quite regular, dipping to the northwest at 75° from the horizontal.

The strike of the vein is about N. 50° E.

This enriched portion has been explored by a raise up about thirty feet above the tunnel, all in a well mineralized matrix that carried considerable copper ore.

Near the northerly end of this ore, on the tunnel level, a winze was sunk to a depth of 37 feet. At the time of my visit to the mine this winze was full of water, so I could not examine it. The miners who had sunk the winze told me the winze was well mineralized throughout all its depth with considerable crude ore. These miners told me that at the bottom of the winze the vein was five or six feet wide, all well mineralized and a streak of clean or crude ore two feet wide.

After I had made my examination of the property for this report, two miners obtained a lease to work on this ore above this tunnel. They did some stoping above this tunnel No. 2 and shipped a carload of ore. Through ignorance in such matters, they shipped everything that came from the stope, also adding a quantity of quartz mixed with ore that was on the dump outside. Needless to state, the returns from this shipment was disappointing. Whereas, if they had handsorted the run, separating the ore from the gangue, they would have greatly reduced the freight cost, cost of treatment and I am sure the returns would have been satisfactory, giving them a good profit. In making up the shipment they took considerable of the crude ore I herein described as standing against the hanging wall.

The showing in tunnel No.'s 2 and 3 and the rapid change and improvement in the short depth gained (about 100 ft.) between tunnels 2 & 3 and in the stopes between the two tunnels, convinces me that this is a very important showing and sufficient to justify the expense of obtaining greater depth on this ore. It has every appearance of being the pointed crest of an important ore body, similar to the outcrop of many of the important ore bodies of the Coeur d'Alenes.

If in 100 feet of depth below its croppings the vein has widened, from two feet to six feet, and the quality of the ore so improved, as shown in that distance, what may be expected at greater depth.

In tunnel No. 2, the heavy gouge on the foot wall, several inches thick and the slickenside walls, indicating a vertical movement is a strong indication of depth of the vein and ore.

Other Veins on the Property

I have dealt more at length on the showing on the Grand Copper and Copper Standard vein because it has been more developed than the other veins, but there are other veins traversing the property that will, in all probability, prove equally or more valuable when developed. There outcrop and showing made on them with the slight development lead to this conclusion.

The King Bolt vein, about five hundred feet east of and nearly paralleling the Grand Copper-Copper Standard vein has an outcrop from eight to fifteen feet wide, showing every indication of being a strong vein. It has a course of about N. 35° E S.35° W. The slight work done on this vein shows it to be mineralized with copper ore similar to the other veins, I think the surface showing on the vein justifies further development.

The Watchman vein outcrops near the foot of the mountain, on the southwest end of the Watchman location. Tunnel No. 1 on this location, called the compressor tunnel, follows this vein for 84 feet showing it to be a well mineralized fissure five feet wide, having a trend northeasterly, with a north west dip of 70°. Its matrix is a white quartz showing chalcopyrite strongly disseminated all through it. Average assays across this vein gave 4% copper, while picked samples ran much higher.

A shaft 37 feet deep and one 12 feet deep near the above mentioned tunnel and on the same vein are in the same quartz matrix as shown in the tunnel. On the south end of the Pond d'Oreille lode, at the base of the mountain there is a strong outcrop on which there are three short tunnels, or drifts, comprising 260 feet of work. The most of this 260 feet though not attaining much depth, shows a strong vein well mineralized with chalcopyrite ore.

I think the showing in these tunnels fully justify more development work there. As these tunnels are extended northerly, into the mountain they will gain depth rapidly. I should like to see more work done at that point.

The development work done on this group of patented Lode claims cannot be done for less than fifteen thousand dollars.

Buildings

The other improvements on the property consist of a frame bungalow 28 x 30 feet, of four rooms well constructed.

A small frame house 14 7 20 feet, on the millsite at the south end of the group.

A log house 18 x 30 feet on the southwest corner of the Watchman location.

A frame blacksmith shop, called compressor house, 14 x 28 feet at portal of tunnel No. 1 on the Watchman location.

A small garage near the bungalow.

Unpatented Claim of this Group

Adjoining this patented group on the west side, owned by the same Claimant, are four unpatented claims held by location under the mining laws of the United States; these are named Hemlock No.'s 1-2-3-4. As I have not surveyed these four locations I did not put them on the attached map. I know them to be located on the west side and at the south west end of the group.

From a casual observation of them I saw that their croppings show the same mineral enrichment as the other claims of the group. Only necessary assessment work, sufficient to hold them under the United States mining laws has been done on the claims.

Mining Facilities

There is ample mining timber growing on the property for all mining purposes. The electric power line, furnishing power to the mines of the district, crosses the property. A large transformer on this line is within a few hundred feet of the proposed tunnel site.

A half mile spur will connect the main working tunnels with the Northern Pacific Railroad.

The National Highway crossing the property connects the property with the nearby towns.

The buildings upon the property are sufficient for immediate development work.

The Clark Fork valley along the base of Howe Mountain supports many productive farms and orchards.

Ores

All of the development work on the property shows the veins to be enriched with a chalcopyrite ore, (a copper pyrites) that increases in value as depth is obtained. The surface ore generally gives an assay value of from 4% to eight percent copper.

The better grade as found in tunnel No. 3 on Copper Standard location two hundred feet below its cropping, gave assays of 25% copper. The fact that whereever any development work has been done on the several veins on this property a constant improvement in vein and ore is shown is most encouraging.

General Remarks

The Clarinda Mining Company having a property adjoining this on the east, extended a tunnel twenty-one hundred feet long to develop their property. At 1650 feet this tunnel crossed the line into the property above described, then known as the Copper Giant Group. In 1925 that company enjoined the Clarinda Company from further trespass. After an expensive litigation, the Court granted the injunction; and order the Clarinda Company to construct a concrete bulkhead three feet wide from top to bottom of tunnel, at the point where the Clarinda tunnel passed into the Copper Giant ground. This trespass might be a benefit to the present owner of this property in this way. Though I have not made a survey of this proposition, it seems to me feasible that by starting a tunnel on the Pend d'Oreille lode claim of this group and extending that tunnel to a point north of the bulkhead, on the same level as the Clarinda tunnel, and then using the 468 feet of the Clarinda tunnel now on this ground, extending it to work the King-Bolt, Grand Copper, Copper Standard and other veins of the group at a great depth.

Extending it about six hundred feet would bring it vertically under the ore disclosed in Tunnel No. 3 of Copper Standard, at a depth of about five hundred feet below said Tunnel 2. How much farther the cross cut would have to be extended beyond the six hundred feet depends on the dip of the vein. While it shows a dip of 75° in No. 2 tunnel, it is apt to get straighter with depth. When this cross cut reaches the vein and the vein is drifted on northerly, the mountain is so

steep this depth would be nearly doubled by the time the northerly end of the location is reached. This seems an ideal way of developing this property at depth.

Conclusions

I have worked at my profession as mining engineer and U.S. Mineral Surveyor for more than forty years in most of the principal mines of the Coeur d'Alenes. During that time I have also examined and reported on mining properties in many parts of the United States and British Columbia. With the knowledge so gained, I do not hesitate to say that I think the property described in this report has every indication of a valuable property fully justifying deep and thorough development. All of the work done on the property leads to this conclusion.

The property is so accessable, the shipping facilities so close and convenient, much expense of operation is eliminated.

The mountain on which the property is situated is so steep and high that development work starting at its base can be done by tunnels for a long time, thus avoiding expensive shaft work. All of which tends to make the cost of mining much less than it is generally.

To one looking for a mining investment this should be an attractive proposition.

The title to the property is perfect and beyond question, resting entire in the name of Helena F. Thibadeau.

The 87.135 acres of patented ground is held under a patent from the United States Government.

The unpatented claims are held by Helena F. Thibadeau under the Mining laws of the United States.

There are no conflicting claims or rights.

GEORGE R. TRASK
Mining Engineer

Dated at my office at
Wallace, Idaho
This 1st day of June, 1935.

Copy of report of Charles H. Krause on the Copper Giant Group of Lode Claims made to H. F. Thibadeau.

Charles H. Krause)
Superintendent

Mass Consolidated Mining Company
Stamp Mill Department,
Keweenaw Bay, Baraga County, Michigan

H. F. Thibadeau
Clark Fork, Idaho

Pursuant to your request, I will say I have made two or three visits to your property within the past year, have gone over the property quite carefully and from observation on the surface, and from the surface as well as underground work done, as to the character of the ore-bearing ledges, their strength, values shown, and from indications in general, from a mining view point I have no hesitancy in stating you have a proposition of exceptional promise and which in my opinion merits a policy of vigorous development, and should develop a well paying mine.

I have read Mr. George R. Trask's letter to you concerning your property, and as he has gone quite fully into a description of the various points from a mining view point, I feel it unnecessary for me to repeat it here, further than to say I believe Mr. Trask's points to be well taken and that his suggestion and recommendations are right. Now that a comparative small amount of money will be required, provided it is judiciously used to push your development to a point which will prove the merits of your property.

Taking into consideration the character of your ore-bearing ledges, the extent, values shown, your favorable shipping facilities, favorable milling and smelter sites, unlimited amount of timber on the property for all purposes of mining, electrical power at your door at favorable rates, abundance of water for all requirements, excellent climate, etc., I have every confidence your property will develop a well paying mine.

In conclusion I wish to say that in some of the samples of ore I examined, I found "Free Copper" quite freely impregnated and resembling very strongly that of the native bearing copper rock of the Michigan copper fields. This appearance was in the form of what is known as "Shot Copper" in quite heavy particles, and this feature I regard as highly significant, and must impress one as to the possibilities under development of the property.

Respectfully submitted,
/s/ Charles H. Krause
Mining Superintendent

Mr. Krause began his career with the Great Calumet and Necla mine in Michigan in 1879 and continued with them for twenty years, for some time in the capacity of constructing Engineer and Experimental work.

For three years, he was with the Begelow group (Tamarack, Osceland Kearsarge mines) as Superintendent.

The next five years he was Superintendent with the Mass Consolidated Mining Company, in the Copper Country of Michigan.

Following this he was Superintendent in Charge of Development for the Idaho-Montana Mining Company of Butte, Montana.

Then Superintendent for the Desloge Consolidated Lead Mines Co. of St. Francois County, Mo.

He is also inventor and patentee of valuable devises used in mining operations.

(signed) George R. Trask

Spokane, Wash., July 23, 1917

Rev. John G. Lake
Rookery Bldg.
Spokane, Wash.

Dear Sir:

At your request, I visited the Copper Giant mine on the 20th inst. Only about two hours was spent in examining the property, so this letter should in no sense be considered a report, but merely a statement of some of the most important facts pertaining to the property.

The property is situated in the south slope of a steep hillside, at the base of Cabinet Mountain, and only a short distance from the shores of Lake Pend O'Reille. The formation or country rock seems to be argillite and thin-bedded shales, striking North and South and dipping to the East. There are at least two well defined veins traversing the property on which considerable work has been done. One vein at the lower end of the property, having a course Northwest, and dipping to the Southeast about 50 degrees, has been cut by Tunnel No. 6 at a depth of about 75 feet, and is three feet wide. The vein shows the characteristics of a true fissure cutting the formation and indicates permanency. Where it is exposed in the tunnel which is a cross-cut it will average 4 to 5 percent Copper with small values in Gold and Silver. At the upper end of the property at an elevation of about 500 feet about Tunnel No. 6, is another vein having a course Northeast and dipping Northwest about 75 degrees. There are two tunnels known as Nos. 1 and 2 driven on this vein. A small ore-shoot out-cropping on the surface has been developed to a depth of about 150 feet. The ore varies in width from six inches to 2 feet and the average length of the ore-shoot that could be worked at a profit is perhaps fifty feet. The ore will run about 20 percent Copper with a little Gold and Silver. This vein like the one mentioned above, has all the ear-marks of permanency and may with depth develop larger ore bodies. There are said to be other veins on this property, but owing to the limited time at my disposal, I could not investigate.

Considerable ore could be taken out and shipped at good profit at present prices of Copper. There is in the neighborhood of 125 tons in sight in Tunnels No. 1 and 2 that would run about $100.00 per ton. The size of the ore shoot in Tunnel No. 6 is of course an unknown quantity as the ore has not been opened up, but I believe that considerable ore could be developed by drifting to the West on the vein. This ore will run about $20.00 per ton and could be mined at a good profit.

For immediate development now of the property, I would recommend: 1st: advancing No. 2 which is in good ore. 2nd. mine and ship the ore already blocked out above this tunnel. 3rd. drift West in Tunnel No. 6 and ship ore as you work ahead.

The property is ideally situated, having an abundance of timber and railroad transportation right at the front door.

Very truly yours,

Ed. Ehernberg

Copy of Assays of Copper Giant Ores

Made by William H. Stoell Company

Assayers of Spokane, Washington

Assay No. 61930) Copper 9 cts. per lb. Silver 77 cts. oz. Gold $35.
" 56.6 Value $101.88 " 8.3 Val. $.39 " 16/100 Val. $5.60

Total value per ton by this assay $113.87

Assay No. 68092-3) Copper 24.3 - $43.74 Silver 2.5 $1.92 Gold trace

Total value per ton by this assay $45.66

From another vein

Lead 33.8% at 4 cts. $27.04 Silver 1.8 oz. Total $28.42

I would call attention to prices of copper, lead and gold as quoted above and used to ascertain total values: Copper at 9 cts. Lead at 4 cts. Gold $35. While today April 2, 1937, Copper is quoted at 17 cts. per lb. Lead 7 cts.

These prices today would swell the above totals considerably.

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. 1045

U. S. .....
(Department, bureau, or establishment)

Voucher prepared at Spokane 1/13/54
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E142

To Compton I. White
(Payee)

P. O. Box 153. Clark Fork, Idaho
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
PAYMENT: Complete ☐ Partial ☐ Final ☐		Final payment on contract as per final audit report and balance withheld on MF-104s for Oct. and November, 1951. Partial payment made on Voucher 615.				$116.	44
		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total $116. 44

(Payee must NOT use this space)

Differences .....

Account verified; correct for .....

(Signature or initials) $116.44

Contract No. Date Req. No. Date Invoice Rec'd.

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Defense Minerals Production Act, Revolving Fund, Interior	$116.44	$116.44

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
{ Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

☆ U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 20 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October and November, 1951 Docket No. DMEA 1215X Contract No. Idm E-142
Operator's Name COMPTON I. WHITE Minerals Copper
Address Clarks Fork, Idaho
Contract Amount, $ 57,310.00 Government Participation: 50% Amount, $ 28,655.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing Trenches & Portals	1840.00	none	1840.00			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision	450.00	none	450.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	38.78	none	38.78			
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2328.78		2328.78	2328.78		

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Dec. 9, 52 *Payee COMPTON I. WHITE

Per Compton I. White Title Supervisor

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 1047.95

Signature
(Authorized Certifying Officer)

Date 1/12/53 Vou. No.
(See other side)

10% withheld

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 142 in accordance with the terms of the contract.

Signature /S/ Eric S. Erickson Title Mining Engr. Date 12/10/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Thomas E. Howard Title Mining Engr. Date 12/10/52

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

U. S. GOVERNMENT PRINTING OFFICE 205675

Form 52F-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October and November 195 1 Docket No. DMEA 1215 X Contract No. DMEA-E-142

Operator's Name COMPTON I. WHITE Minerals Copper

Address Clarks Fork, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping	hrs.	1200.00	120	1200.00	120	10. p/h	120	10. p/hr
Trenching	hrs	640.00	64	640.00	64	10.p/h	64	10. p/hr
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS				1840.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				1840.00				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Dec. 8, 1952 Operator COMPTON I. WHITE

Per Compton I. White Jr Title Supervisor

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

Clark Fork, Idaho.
December 9, 1952

Defense Minerals Exploration Admn.
Bureau of Mines,
1201 No. Division St.,
Spokane 2, Washington.

COMPTON I. WHITE
Docket No. DMEA 1215 X
Contract No. Idm-E 142

Attention: Mr. M. E. Volin

Gentlemen:

Making further reference to our conference with Mr. M. E. Volin and Mr. E. G. Erickson relative to the Clarinda and Copper Giant properties, now embraced in Contract Idm-E-142:

There is submitted herewith an invoice for the total exploration work completed under step 1, which work was inspected by your Mr. Erickson and is indicated on the enclosed map.

The invoice covers all of the bulldozing including both the removal of the caved material from the portals of the Lone Pine and the Copper Giant Adits and the excavating of five trenches. The tremches encompassed a considerable amount of work due to the deep overburden encountered. Two of the trenches could not be taken to bedrock without an inordinate amount of work. In the other three trenches the bedrock and the veins were exposed with some indicated mineralization.

Removal of the caved material from the portals of the two adits proved to be a major undertaking as about 75 feet of both portals were totally filled with caved material, starting with a few feet of cover at the old portal locations to approximately thirty feet at the points where solid ground was encountered.

Samples of the exposed mineralized sections of the vein were taken by your engineers, the results of which you have in your records. It was suggested by your Mr. Erickson that a resampling of the exposures might be in order. This was discussed in our conference and we will be available to aid you in the taking of the samples at your convenience.

Sincerely,

Compton I. White Jr.

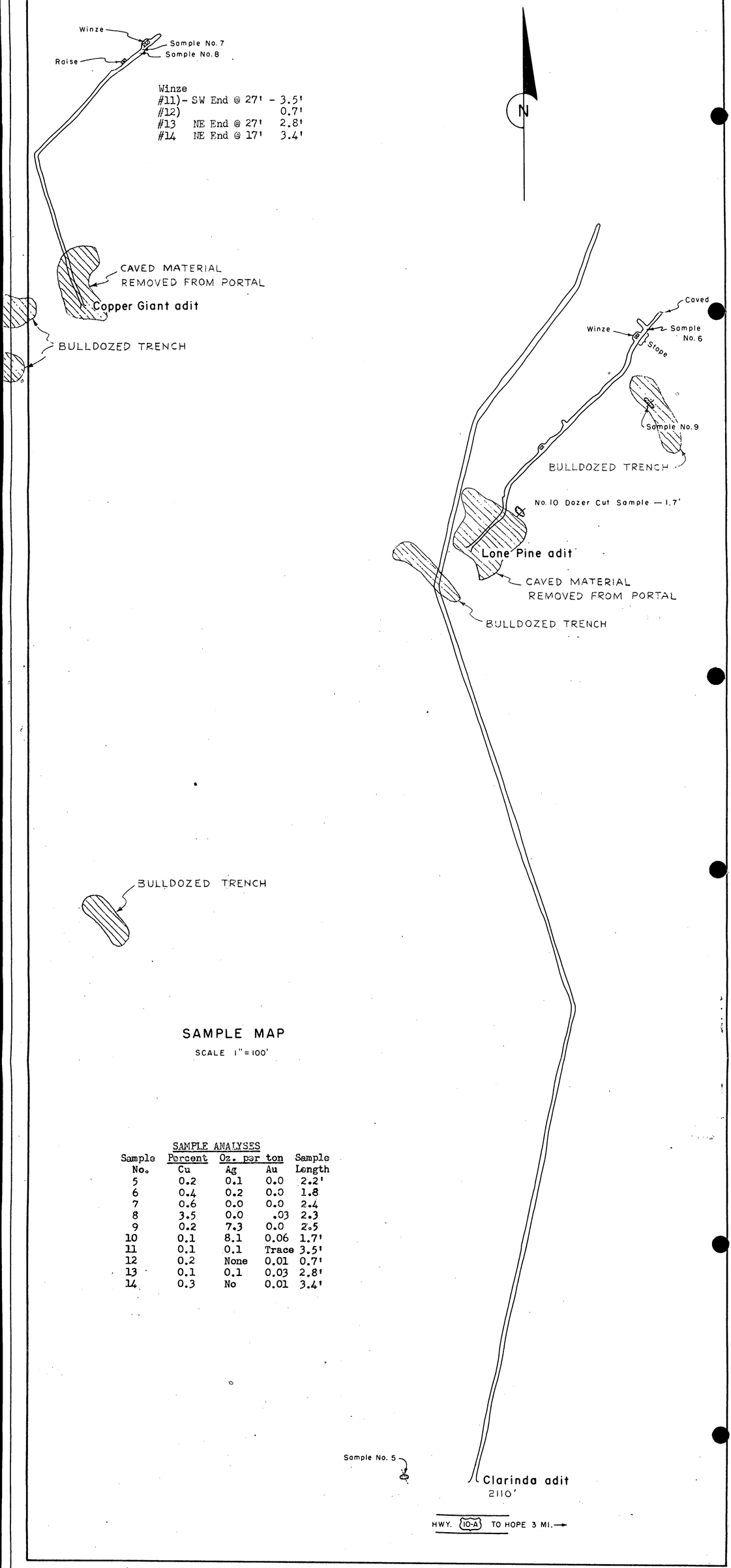
COMPTON I. WHITE

Contract No. Idm-E-142 Docket No. DMEA 1215X

DISTRIBUTION OF DISBURSEMENTS

Total thru November, 1951

	Equipment Purchased	Supplies	Repairs	Bulldozing	Power
B. B. Ralph Clarksfork, Ida				$1440.00	
Alfred Tucker Samuels, Ida.				$ 400.00	
				1840.00	



SAMPLE MAP

SCALE 1" = 100'

SAMPLE ANALYSES

Sample No.	Percent Cu	Oz. per ton Ag	Oz. per ton Au	Sample Length
5	0.2	0.1	0.0	2.2'
6	0.4	0.2	0.0	1.8
7	0.6	0.0	0.0	2.4
8	3.5	0.0	.03	2.3
9	0.2	7.3	0.0	2.5
10	0.1	8.1	0.06	1.7'
11	0.1	0.1	Trace	3.5'
12	0.2	None	0.01	0.7'
13	0.1	0.1	0.03	2.8'
14	0.3	No	0.01	3.4'

Howe Mountain Mines, Clarinda property, Bonner County, Idaho

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

DOCKET COPY

Project Summary Report

By: Ernest Wm. Ellis January 21, 1954

1. Docket No. DMEA-1215 (Copper)
   Contract No. Idm-E142
   Property - Clarinda Mine, Bonner County, Idaho
   Operator sole owner

   Operator - Compton I. White
   Box #153
   Clarks Fork, Idaho

2. Contract dated September 15, 1951.

Work authorized -

The work under the contract was planned to be done in two stages. Stage I outlined surface trenching of the Copper Giant and Lone Pine veins, opening portals and rehabilitating underground workings for sampling. Stage II, which was contingent upon results of Stage I, outlined an estimated 1050 feet of crosscutting northwest from the Clarinda adit to intersect the downward extensions of the Lone Pine and Copper Giant veins, and a total of 500 feet of drifting on the four projected segments of the veins.

Summary of costs -

Stage I - - - - - - - - - - - - - - - - - - -	$ 2,290.00
Stage II - - - - - - - - - - - - - - - - - -	38,750.00
Equipment to be purchased - - - - - - - - -	14,800.00
Allowance for Operator's equipment - - -	1,470.00
Total cost of project	$57,310.00
Government participation at 50%	$28,655.00

Amendments - None

Work completed -

The Lone Pine and Copper Giant adits were opened and rehabilitated to allow sampling. Surface trenching was attempted in several places but was unsuccessful in disclosing any worthwhile veins. Assays of samples taken did not indicate the presence of commercial amounts of copper expected to be found at depth on the two veins.

3. Audit Certificate -

Report of Review, dated March 6, 1953.

Total cost as billed by contractor	$2,328.78
No exceptions	-0-
Total accepted cost	$2,328.78
Government share at 50%	$1,164.39

4. Certification - None recommended.

5. Comments -

Stage I of the exploration project was started about October 15, 1951. The Operator submitted only one Monthly Report and Voucher, covering costs incurred during October and November 1951 for opening the Lone Pine and Copper Giant adits, plus surface trenching and some access road repair which were necessary.

Work was recessed by the Operator after November 1951 due to winter weather and was not resumed under the contract. The property was sampled by Bureau of Mines and Geological Survey personnel. The assay results of the samples failed to disclose any worthwhile mineralized structure. The Field Team attempted to terminate the contract by mutual agreement, but the Operator declared he was going to perform work on his own account; that he believed would justify continuation of Stage II of the project. The project was terminated by the DMEA Executive Officer, Region II, on January 9, 1953, on the grounds that, in the opinion of the Government, operations up to the time of the notice of termination had not indicated the probability of making any worthwhile discovery and further work was not justified.

It was the opinion of the Field Team that the Operator could have been more efficient in planning the bulldozing operations, that supervision and operational planning of the trenching program were neglected, and that it was probable that lack of financing hindered the efficiency of the operations.

No equipment was purchased under the contract and there was no production from theproperty during the exploration project contract.

The final report of the Field Team representatives, dated February 15, 1953, was transmitted to Washington on March 30, 1953. Final payment to the Operator was withheld pending settlement of a $15.00 charge for sample analysis. Inasmuch as the Operator failed to submit this bill, he was informed by the Field Team on January 11, 1954, that such charge would not be accepted, and the contract was considered closed. Simultaneously, the Field Team transmitted to Washington a copy of the Operator's letter dated August 29, 1953, which was accepted in lieu of the Operator's final report.

Ernest Wm. Ellis

Ernest Wm. Ellis

EWEllis/gla
1/21/54
Copies to: Original - docket
Adm. Reading File
Division contract file

☑ Audited

☐ Certified

K ANALYSIS SHEET - DMEA PROJEC

Analysis as of Dec. 1-54
Incl. Voucher for Nov. 1951

☑ Actual Cost

☐ Agreed Unit Costs

Name Compton I. White

Docket No. DMA-1215X

State Idaho

Commodity Copper

Idm-E No. 142

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	1550	45,020.00	—	—	—
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation		640.00		2,328.78	2,328.78
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased		9,250.00			
Surface Rehabilitation & Repairs		1,650.00			
Underground Rehabilitation					
New Building, Improvements, etc.		750.00			
Other (Specify)					
Totals		57,310.00		2,328.78	2,328.78

Prepared by

COPY

February 11, 1955

Memorandum

To: Jay L. Chambers, Chief
Contract Adm. & Audit Division

From: Ernest Wm. Ellis, Chief
Rare & Miscellaneous Metals Division

Subject: Completed contracts - no discovery made

We have checked the attached list of contracts prepared by Mrs. Alley of your Division. It is not our intention to write "completion" letters to the Operators on these particular contracts, although in each instance the exploration work was unsuccessful, for the reason that the work was completed sometime prior to the adoption of the procedure to prepare final letters to the Operators.

/s/ Ernest Wm. Ellis

1-26-55

Rare and Miscellaneous Metals
Completed contracts on which certification or a closing letter of no discovery has not been issued.

Docket No.	Contract No.	Operator
1131	104	Sierra Copper Company
1324	108	Ashley J. Gold and Joe Gold
1514	112	Maravillas Minerals Company
1348	123	Elkhorn Mining Company
979	132	G. O. P. Antimony
1215	142	Compton I. White
1660	148	Oscar Svensson
1535	169	Columbia Mining Company
2013	215	Amador Mining Company
527	232	Yucca Mining & Milling Co.
1429	269	J. Walter Duncan, Jr.
1232	276	Alaska Copper Corporation

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 14 1954

January 11, 1954

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-1215X (Copper)
Clarinda Mine
Bonner County, Idaho
Contract Idm-E142 (Terminated)

Dear Mr. Selfridge:

Attached are the original and two copies of a letter dated August 29, 1953, which has been accepted by the Executive Officer in lieu of a final report.

Distribution of this letter is being made in the same manner as for a final report.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Attachment

cc: USBM (2)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JAN 14 1954

Clarkfork, Idaho
Aug. 29, 1953

U. S. Department of the Interior
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-1215X (Copper)
Clarinda Mine
Bonner County, Idaho
Contract No. Idm-E142

Gentlemen:

This is submitted as a final report and accounting on the Clarinda projectso that the contract business may be closed.

The work completed under the contract consisted of surface trenching and cleaning of the caved portals as reported on form MF-104 under date of Dec. 12, 1952.

There will be no further expenses charged to the contract except for the analysis suggested and agreed to in your office during our last conference. The sample has been taken and will forwarded to Bunker Hill in the near future. It is anticipated that this analysis will not exceed in cost $15.00.

Sincerely,

Compton L. White Jr

RECEIVED
SEP 1 1953
U. S. G. S.
SPOKANE, WASH

OPERATORS FINAL REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
No. 157 Howard Street
Spokane 8, Washington

January 7, 1954

Mr. [illegible] J. Hinman
Certifying Officer, [illegible]
1201 No. Division Street
Spokane, Washington

Re: Contract [illegible]-1[illegible] (copper)
Samuel L. [illegible]
Clarinda Mine
Bonner County, Idaho
Contract [illegible] (Terminated)

Dear Mr. Hinman:

This is to inform you that work under the subject contract has been terminated under terms of the contract before completion of the work. The operator has submitted a final accounting and report on project work, which, while very poorly [illegible], is acceptable to the Executive Officer. A final audit of the operator's account has been made by [illegible] auditors and the [illegible]'s final report has been submitted to Washington, D. C.

In the operator's final report it is stated that no further expenses will be charged to the contract except for a [illegible] analysis fee of a sample to be forwarded to Denver [illegible] for treatment. The agreement to accept this analysis fee as a contract charge was made in August 1953, with the understanding that the analysis charge would be immediately submitted to this office. To date the charge has not been received. The tardiness in presenting this charge, coupled with the fact that we have been ever a year in trying to secure the operator's final report, leads us to request you not to accept any more project charges but to proceed in closing out the contract.

As all contract obligations have been met, it is requested that you pay the operator the grant currently being withheld and to close out the operator's account.

Very truly yours,

A. L. Colasanti, Exec. Officer, DMEA
Field Team, Region [illegible]

cc: [illegible](2)
[illegible](2)
[illegible]

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

DEPARTMENT OF THE INTERIOR
SEP 8 - 1953

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

August 12, 1953

Mr. Compton I. White, Jr.
Clark Fork,
Idaho

Re: Docket No. DMEA-1215X (Copper)
Clarinda Mine
Bonner County, Idaho
Contract No. Idm-E142

Dear Mr. White:

Your attention is directed to the final report and accounting on the Clarinda project, which is required under terms of the contract before contract business may be closed. Your records will show that we asked you for this report in a letter dated January 9, 1953, which was signed by the Executive Officer, DMEA Field Team, Region II. You will also recall a meeting in February at which you and members of the Field Team met in the Survey office at Spokane, and at which time you assured the Field Team that you would immediately submit this required report. On March 20, you were again advised by letter from the Executive Officer that the report should be submitted as soon as possible so that we could proceed with the closing out of the contract. Since March we have repeatedly informed our field examiners to urge you to submit the report, and we have been advised that they have conveyed this information to you.

Seven months have elapsed since we first reminded you of this report and you have yet to comply with terms of the contract or with our requests. We therefore wish to advise that unless your final report and accounting of contract expenditures is in this office by September 1, 1953, we shall recommend that a private accountant audit your books and that his report be accepted in lieu of yours. The expense of such an audit will, of course, be considered as a valid contract expense, and your portion of this payment will be deducted from money currently owed you by DMEA, but which is being withheld pending final settlement of your contract account.

By DMEA Field Team, Region II

Thor H. Kiilsgaard, Acting Exec. Officer
(U. S. Geological Survey)

Thomas E. Howard, Acting Member
(U. S. Bureau of Mines)

cc: USBM (2)
DMEA (2)
Fryklund

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division Street
Spokane 2, Washington
July 1, 1953

Memorandum

To: Mr. Jay L. Chambers, Chief, Contract Administration and Audit Division, DMEA, Washington, D. C.

From: R. J. Hindman, Certifying Officer, Region II

Subject: Compton I. White, contract Idm-E142, Docket No. DMA 1215.

The final payment of the last 10 percent which has been withheld on the above contract has not been paid at the Field Team's request. As of this writing, the Operator has not submitted a final report which is acceptable to the Field Team.

Just as soon as I am notified by the Field Team that the final report has been received and is acceptable, the final 10 percent will be sent in for payment.

R. J. Hindman

R. J. Hindman

4/21/53 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

April 20, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 20 1953

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-1215 (Copper) Compton I. White, Clarinda Property, Bonner County, Idaho

I have reviewed the above-named Field Team final report by Erikson and Fryklund, dated Feb. 15, 1953, transmitted to the Operating Committee by the Field Team March 30, 1953. I am of the opinion that the report adequately describes the work done under the project, and that the information presented in the report justifies the recommendations (concurred in by the Field Team) that the Government should not participate in further exploratory work on this prospect, and that no certificate of discovery should be issued as a result of the work done under this project.

C. H. Johnson
C. H. Johnson

Copy to - Mr. Kinkel, USGS - Room 4234
Minerals Division
C. H. Johnson
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

Department of the Interior
Defense Minerals Administration
RECEIVED
APR 2 1953

March 30, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-1215 (Copper)
Clarinda Property
Bonner County, Idaho
Contract No. Idm-E142

Dear Mr. Selfridge:

Enclosed are four copies of a final report on the captioned property by Eric G. Erickson, U. S. Bureau of Mines, and Verne C. Fryklund, Jr., U. S. Geological Survey.

The project was terminated by the DMEA Executive Officer, Region II, on January 9, 1953, on the grounds that, in the opinion of the Government, operations had not indicated the probability of making any worthwhile discovery and further work was not justified.

Final settlement has not been made with the Operator because he has not submitted his final report and because there is the chance that not all contract bills have been submitted. We have asked the Operator for this report and he has promised to submit it in the near future.

It is recommended that no Certificate of Discovery be issued for work done on this project.

By DMEA Field Team, Region II

Reviewed by
DMEA OPERATING COMMITTEE
4-6-53
(date)

A. E. Weissenborn
A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

Acting for Thomas E Howard
M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosure

cc: USBM (2)
Fryklund

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
FIELD TEAM, REGION II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 2 1953

FINAL REPORT
CONTRACT DM-E142

By

Eric G. Erickson
Engineer
U. S. Bureau of Mines

Verne C. Fryklund, Jr.
Geologist
U. S. Geological Survey

COMPTON I. WHITE
Clark Fork, Idaho

Docket No.	DMEA 1215
Commodity	Copper
Contract date	September 15, 1951
Termination date	January 9, 1953

CLARINDA PROPERTY
(Hove Mountain)
Pend Oreille Mining District
Bonner County, Idaho

Reviewed by
DMEA OPERATING COMMITTEE
4-6-53
(date)

Spokane, Washington

February 15, 1953

INTRODUCTION

Authorship

The sections dealing with summary and recommendations were prepared by both authors. The section concerning geology was written by V. C. Fryklund, Jr., U. S. Geological Survey; other sections were described by E. G. Erickson, U. S. Bureau of Mines.

Summary

The work under the contract was planned to be done in two stages. Stage I outlined surface trenching of the Copper Giant and Lone Pine veins, opening portals and rehabilitating underground workings for sampling. Stage II, which was contingent upon results of Stage I, outlined an estimated 1050 feet of crosscutting northwest from the Clarinda adit to intersect the downward extensions of the Lone Pine and Copper Giant veins, and a total of 500 feet of drifting on the four projected segments of the veins.

The Lone Pine and Copper Giant adits were opened and rehabilitated to allow sampling. Surface trenching was attempted in several places but was unsuccessful in disclosing any worthwhile veins. Assays of samples taken does not indicate the presence of a commercial ore shoot, nor does the mineralization indicate that commercial amounts of copper will be found at depth on the two veins (see accompanying maps).

Recommendations

It is the opinion of the Field Team that operations under the contract have not indicated the probability of making any worthwhile discovery, and it is recommended that the Government not participate in further exploration of this property. No discovery should be certified.

LOCATION AND ACCESSIBILITY

The Clarinda (Hove Mountain) property is 3 miles west of Clark Fork, Idaho, on paved U. S. Highway No. 2. The claims are in the SE 1/4 of Sec. 20, SW 1/4 of Sec. 21, NW 1/4 of Sec. 28, and NE 1/4 of Sec. 29, all in T. 56 N., R. 2 E., Boise Meridian.

The Clarinda adit is about 100 feet north of the highway at an altitude of about 2100 feet, and is easily accessible by a side road. The Lone Pine and Copper Giant adits can be reached from the highway by truck or jeep over a narrow bulldozer road that traverses about 1-1/2 miles of fairly steep-sloping mountain terrain.

PROPERTY

The Clarinda (Hove Mountain) property includes 6 patented and 3 unpatented claims, namely, Copper Standard (pat.), Grand Copper (pat.), King Bolt (pat.), Clarinda Tunnel Site (pat.), Pend Oreille (pat.),

Watchman (pat.), Lone Pine (unpat.), Woodman (unpat.), and John P. (unpat.). Compton I. White, Operator under the contract, claims clear title to these claims, all of which are set forth in the contract.

The Clarinda adit is the longest underground working (reported 2100 feet) and runs northerly from portal site. This working was in part bulkheaded, but was opened by the Operator on his own account during the DMEA contract.

The Lone Pine adit is located about 1/2 mile north of the Clarinda portal. The underground workings aggregate about 900 feet and are about 500 feet above the Clarinda adit.

The Copper Giant adit is about 3/4 mile northwesterly of the Clarinda portal and about 500 feet higher in elevation. The underground workings aggregate about 600 feet and include a winze reported to be 38 feet deep and a raise reported to be up 33 feet vertically above top of drift. A stope and a short sublevel drift off the raise are reported, but are now inaccessible.

Both the Lone Pine and Copper Giant portals were closed at the time the contract went into effect.

All mine workings with exception of winze, raise, and short sections of adits are unsupported.

THE PROJECT

Stage I of the outlined two-stage program was started about October 15, 1951. The Operator's invoices showed that only costs incurred during October and November 1951 were charged to the project. These costs were submitted for opening the Lone Pine and Copper Giant adits; surface trenching and some access road repair were necessary.

Work was recessed after November 1951 due to winter weather and was not resumed under the contract. The property was sampled by Bureau of Mines and Geological Survey personnel. The assay results of the samples (see accompanying assay map) and the failure of the trenching program to disclose any worthwhile mineralized structure led the Field Team to recommend that the Government not participate in Stage II of the outlined exploration project.

The Field Team attempted to terminate the contract by mutual agreement, but the Operator declared that he was going to perform work on his own account, that he believed would justify continuation of Stage II of the project. The project was terminated by the DMEA Executive Officer on January 9, 1953 on the grounds that, in the opinion of the Government, operations up to the time of the notice of termination had not indicated the probability of making any worthwhile discovery and further work was not justified.

Geology

The geology of the general area has been described by A. L. Anderson (Idaho Bureau of Mines and Geology, Bull. 16, 1950, and U. S. Geological Survey Bull. 944B, 1947).

The country rock consists of thin-bedded gray slates and quartzites belonging to the Wallace formation of pre-Cambrian age. Slate predominates in the two adits. The beds strike a few degrees east and west of north and dip 60 to 70 degrees to the east.

Lone Pine Adit

The accessible portion of the Lone Pine adit (see accompanying geologic map) is about 350 feet long. The Lone Pine vein was intersected about 90 feet from the portal and followed to the 320-foot point where it pinched out. The quartz vein, introduced along a fault, strikes approximately N. 45° E., and dips from 45 to 77 degrees northwest. The vein ranges in width from less than 6 inches to at least 11 feet.

There is no visible chalcopyrite in the vein, but there is a very small amount of unidentified black sulfide. Channel sample 6 (see sample map) contained 0.4 percent copper and 0.2 ounce of silver; the dark mineral may be tetrahedrite. Channel sample 5, from a surface pit, contained 0.2 percent copper and 7.3 ounces silver.

In a second trench, the vein is 1.7 feet wide and composed mainly of quartz. Channel sample 10, cut across the vein, contained 0.1 percent copper, 8.1 ounces of silver, and 0.06 ounce of gold.

Copper Giant Adit

The Copper Giant adit is 475 feet long. The Copper Giant structure was intersected 230 feet from the portal. This structure strikes about N. 45° E.; dips to the northwest range from 63 to 83 degrees. A 6-inch, barren quartz vein was followed about 15 feet. A fairly strong fault was followed 160 feet until chalcopyrite-bearing quartz was found in the structure. The ore shoot is no wider than 2.5 feet and is about 40 feet long. Channel samples 7 and 8 are from this portion of the vein; the maximum copper was 3.5 percent over a width of 2.3 feet. The structure is still strong at the face; however, more breccia than quartz is present.

The winze was dewatered on October 20, 1952, by A. B. Nickelson, Geological Survey, and a miner for the company; it was found to be 37 feet deep. The vein in the winze varies in width from 2 to 3.5 feet and consists mainly of quartz and quartz veinlets in sheared greenish-black slate. Occasional stringers of quartz, chalcopyrite and pyrite, up to 6 inches in thickness occur in the hanging wall of the vein. These stringers apparently are limited in length and depth.

Channel samples 11, 12, 13, and 14 were cut in the winze (see assay map). The highest copper percentage was 0.3 percent.

Vein 100 feet West of Clarinda Adit

A 2-foot vein is exposed in a small pit about 100 feet west of the Clarinda adit. A channel sample assayed 0.2 percent copper and 0.1 ounce of silver.

Summary of Sample Information

The locations of all samples are shown on the sample map. Analyses follow:

Sample No.	% Cu	Oz. per ton Ag	Au	Sample Length
5	0.2	0.1	0.0	2.2'
6	0.4	0.2	0.0	1.8
7	0.6	0.0	0.0	2.4
8	3.5	0.0	0.03	2.3
9	0.2	7.3	0.0	2.5
10	0.1	8.1	0.06	1.7
11	0.1	0.1	Trace	3.5
12	0.2	None	0.01	0.7
13	0.1	0.1	0.03	2.8
14	0.3	None	0.01	3.4

Summary of Factual Data

Tabulation of Costs

Item	Units	Cost/unit	Total Cost
Bulldozing	184 hrs.	$ 10.	$ 1,840.00
Supervision	2 mos.	225.	450.00
Payroll taxes	--	--	38.78
Total approved costs			$ 2,328.78*
Government's share (50 percent)			$ 1,164.39
10% withheld - Govt.'s share actually paid			$ 1,047.95
Total amount of contract			$57,310.00
Government's share (50 percent)			$28,655.00
Government's share unexpended			$26,326.22*

*Subject to final audit.

No equipment was purchased under the contract and there was no production from the property during the exploration project contract.

Discussion of Conclusions

It is believed the Operator could have been more efficient in planning the bulldozing operations. Supervision and operational planning of the trenching program were neglected. It is very probable that lack of financing hindered the efficiency of the operations.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

March 20, 1953

Mr. Compton I. White, Jr.
Clark Fork,
Idaho

Re: Docket DMEA-1215X (Copper)
Clarinda Mine
Contract Idm-E142

Dear Mr. White:

You will recall that during your recent visit to this office we requested that you submit your final report on the Clarinda project. We mentioned that the final report would be needed before we could close out the contract. As I recall, you promised to promptly submit the report.

After further consideration, we have decided that a formal final report can be waived inasmuch as the work was not too extensive and as you more or less described the total work done in your letter of December 9, 1952, with which you submitted an invoice covering the total exploration program, together with a map showing where the work had been done. We will, however, need a letter from you, which will serve in lieu of a final report. This letter should state that as you understand it, your letter of December 9 will serve as a final report. Furthermore, you should either include any bills for payment, that are allowable under terms of the contract, or else you should state that there are no bills remaining that are chargeable to the contract. With this letter, we can proceed with the closing of the contract.

Inasmuch as we are most anxious to close out the contract, we would appreciate your immediate reply.

Sincerely,

Thor H. Killsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: DMEA (3)
USBM (2)
Fryklund
Finance Officer

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

800

MAR 1 9 1953

Mr. Robert M. Hull
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: DMEA-1426, Idm-E287
Buckskin Mines, Inc.
and
DMEA-1215X, Idm-E142
Compton I. White

Dear Bob:

Reference is made to your letter of March 10, 1953, transmitting three copies of Report of Review on Buckskin Mines, Inc. The Report of Review is acceptable and you therefore are authorized to make normal distribution of the copies.

Reference is also made to Mr. Turner's letter of March 16, 1953, transmitting three copies of Report of Review on Compton I. White. Please advise Mr. Turner that the Report of Review is acceptable and normal distribution of the copies may be made.

Sincerely yours,

(Signed) J. L. Chambers
Jay L. Chambers, Chief
Contract Administration
and Audit Division

WBorovica/wb
March 18, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

3/19/53

FILE COPY
SURNAME:
[redacted]

Talbert
Chamber

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

MAR 12 1953

BW

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: DMA-1215X, Idm-8142
Compton I. White

Dear Mr. Turner:

The Report of Review, covering the referenced project, transmitted by your letter of March 6, 1953 is returned herewith for such correction as may be indicated by further review.

In the reasons for the review in lieu of an audit you state that a portion of the costs covered "one month's supervision ($450.00) at the rate specified in the contract." However, under the title of Labor and Supervision on page 3 of the contract's Exhibit "A", supervision is shown as "Engineer-Supervisor on a monthly basis.....$400.00". Therefore, the supervision costs of $450.00 either cover one and one-fourth months or represent an overcharge of $50.00 for which an exception would be in order.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

S.N.
3/12/53

Enclosure

EDTalbert/wb
March 11, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Wash.
March 6, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 6 1953

Mr. Jay L. Chambers, Chief,
Contract Administration and Audit Division,
Defense Minerals Exploration Administration,
Interior Building,
Washington 25, D. C.

Dear Mr. Chambers:

Enclosed herewith three copies of Report of Review Compton I. White, P. O. Box 153, Clark Fork, Idaho, contract Idm-E142, Docket No. DMA 1215X.

Yours very truly,

C. A. Turner
DMEA Auditor

Ret. for correction:
Reason for review in item 2 and one month's supervision ($450.00) at rate specified in contract of "Engineer-Supervisor" whereas on a monthly basis - $400.00.
~~Incorrect payment date on subsequent vouchers.~~

1/22/53 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JAN 23 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

Registered
Return Receipt Requested

coe
1-19-53

cc: w/encls. (2) [illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

~~MMMMMMMMMMMMMMMM~~
Sc. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 12 1953

January 9, 1953

Memorandum

To: R. J. Hindman, Certifying Officer

From: DMEA Field Team, Region II

Subject: Payment of final voucher to Compton I. White, Operator, Copper Giant and Clarinda Mines, Bonner County, Idaho. Contract No. Idm-E142, Docket No. DMEA-1215X (Copper).

It has come to the Field Team's attention that a discrepancy between a statement in a monthly inspection report and a claim made by the Operator as to the time when part of the bulldozing specified in Contract Idm-E142 was done is delaying payment of an invoice recently presented by the Operator. This discrepancy is also delaying the final closing out of the contract.

This memorandum is your authorization to make payment for contract work completed according to the provisions of the contract as presented by the Operator in the said invoice. This authorization is given because after consultation with the Operator, and Bureau of Mines and Geological Survey personnel, (including several who have inspected the property during the life of the contract,) we are satisfied that the amount of dozing claimed by the Operator in the invoice has been done since the contract commenced, although we cannot establish beyond question that the dozing was done at the time specified by the Operator in his invoice. Ten percent of the value of the invoice should be withheld pending receipt of a final report by the Operator.

This action is taken so as to facilitate final payment of the Government's share of contract costs and to permit terminating the contract, thus clearing our records. Inasmuch as the work has obviously been done during the life of the contract, and the cost claimed is allowable under the contract, we believe that no harm will result to the Government through payment of the invoice even though our records and the Operators do not agree as to the time when the work was performed.

By DMEA Field Team, Region II

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin, Member

cc: USBM
Cont. Adm. & Aud. Div.,
Wash., D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~

1201 North Division St.
Spokane 2, Washington

Department of the Interior
Defense Minerals Administration
DEC 5 1952

November 25, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Compton I. White (Clarinda Copper), Bonner County, Idaho, Exploration Project Contract No. Idm-E142, DMEA Docket No. 1215X (Cu)

Although the property has been inactive since last fall (1951), I visited the project site November 20, 1952 with Mr. Compton White, Jr.

The work done and results obtained under Step I of the project were reviewed.

Bulldozing trenches on the Copper Giant and Lone Pine veins were attempted and because of deep overburden and topography, the trenching program was unsuccessful in exposing the veins sufficiently for proper evaluation. The caved portals were opened by means of bulldozer end-loader and hand shoveling. The most likely sections of the veins were adequately sampled as well as accessible portions of veins exposed in cuts. The samples were assayed and the results were disappointing.

Mr. White agreed that results of Stage I were disappointing. It was pointed out that the best ore showing just southwest of the winze in the Copper Giant adit was spotty, narrow and of short strike length and assay of sample taken at the best showing in the vein indicated that it could not be mined at a profit.

The Operator has not resubmitted his invoices for costs incurred in performing work under Stage I since they were returned to him last December. He has been repeatedly asked to submit the invoices so the contract can be closed out.

Mr. Compton I. White, Sr. and Jr. came to the Bureau of Mines office November 21, 1952 and the project was discussed. They stated they had spent more money than Step I allowed. They were informed that the

work done on Step II was not approved and only expenditures on Step I would be approved when submitted and properly substantiated. They stated they would submit the invoices in the next day or two.

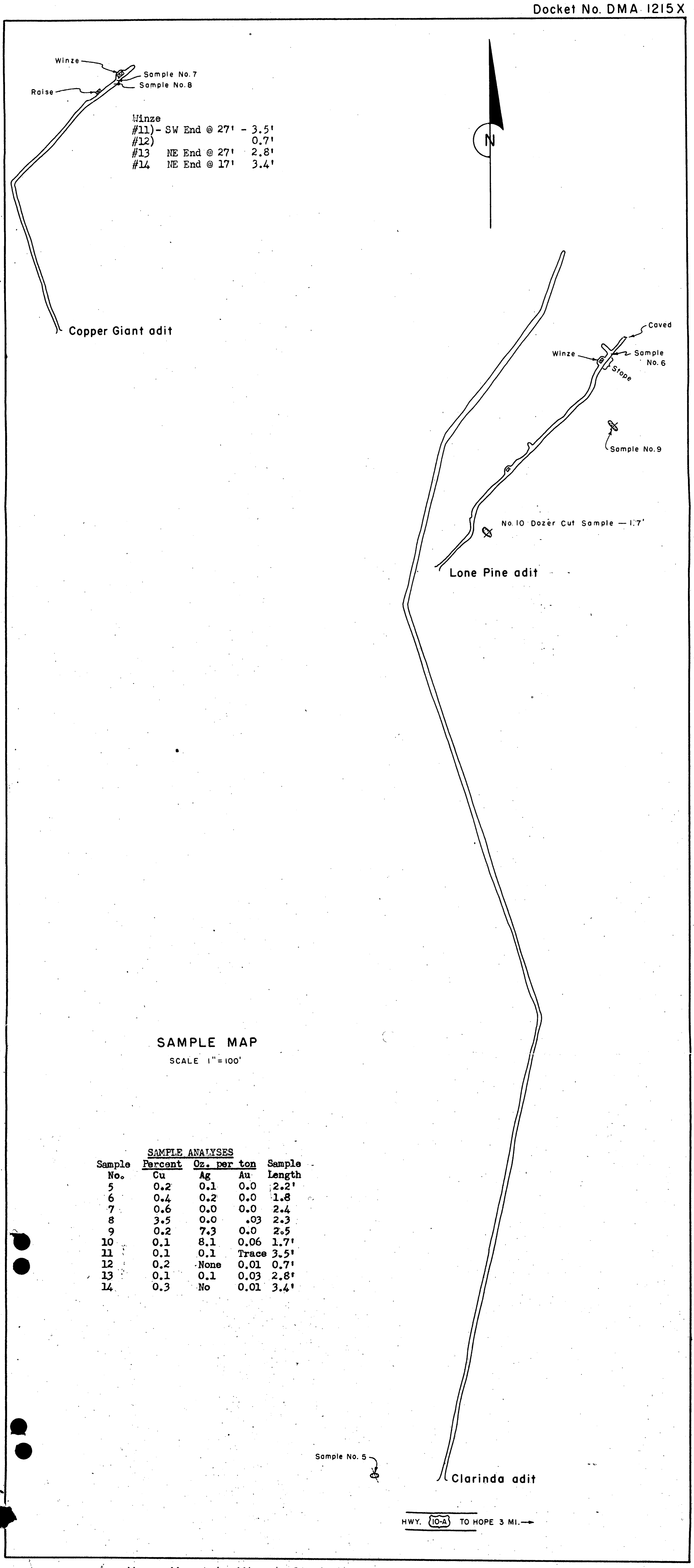
The question of termination was discussed and they were informed the Field Team was not in favor of continuing the project in view of results of Step I, or participating in further exploration by extending Step I. The Operator expressed his desire to obtain reimbursement due him for Step I work and expend the money on his own account for further exploration of the property. He requested that termination be withheld till January 1, 1953 to allow him time to do the contemplated work. Operator agreed to terminate contract January 1, 1953 if he failed to disclose evidence justifying continuation of the contract. Although it is doubtful that he will disclose data that will justify undertaking Step II, Mr. M. E. Volin, Bureau of Mines member of the Field Team, agreed to defer termination till January 1, 1953 in view of Operator's statement that he wishes to expend his own funds in an endeavor to disclose justification for further work under the contract.

It is doubtful that the Operator will perform any significant work, but for good relations the Field Team member considered it best to concede the short additional period of active contract time.

E. G. Erickson

E. G. Erickson

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
EGE/vf



SAMPLE MAP

SCALE 1" = 100'

SAMPLE ANALYSES

Sample No.	Percent Cu	Oz. per ton Ag	Oz. per ton Au	Sample Length
5	0.2	0.1	0.0	2.2'
6	0.4	0.2	0.0	1.8
7	0.6	0.0	0.0	2.4
8	3.5	0.0	.03	2.3
9	0.2	7.3	0.0	2.5
10	0.1	8.1	0.06	1.7'
11	0.1	0.1	Trace	3.5'
12	0.2	None	0.01	0.7'
13	0.1	0.1	0.03	2.8'
14	0.3	No	0.01	3.4'

Howe Mountain Mines, Clarinda property, Bonner County, Idaho

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
No. 1[illegible] Howard Street
[illegible], [illegible]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1[illegible] 1952

[illegible]ovember 18, 1952

DMEA - 1215

Mr. [illegible]
[illegible]
[illegible], [illegible]

Subject: [illegible]

Dear Mr. [illegible]:

Reference is made to a letter from this office dated July 25, 1952, and to a subsequent conversation between yourself and Mr. [illegible] concerning termination of the subject contract. It is our understanding that you requested Step I of the contract to be continued until the adits had been opened and sampled.

The adits described in Step I of the contract have since been opened, mapped, and sampled by DMEA field men. The adit veins were found to be strong but the ore within the veins tends to be sparse and spotty. Unfortunately, the assay results on samples taken have been disappointingly low, and it is believed that further exploration work is not warranted.

Inasmuch as further work does not appear to be justified, it is suggested that you sign the enclosed simplified form of a mutual termination notice, which will terminate the contract by mutual agreement, and return the original and three copies to this office. [illegible] that this termination notice [illegible] the same as that [illegible]. If the need you to sign this agreement, [illegible] will be forced to terminate further participation in the contract on the grounds that there is little probability of [illegible] a worthwhile discovery.

[illegible] to settle all claims for costs incurred in connection with Step II of the contract so that final settlement can be made and the contract closed. A brief report by [illegible] regarding work done and accomplished by contract work is also required before the contract may be officially terminated.

Very truly yours

[illegible]
[illegible]
[illegible]
[illegible]

Enclosure 1 (in duplicate)
cc: [illegible] (2)
[illegible] A (2)
[illegible]

9/6/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

DMA - 1215

September 3, 1952

Mr. Compton I. White, Sr.
Box 153
Clark Fork, Idaho

Dear Mr. White:

On July 23, I suggested that inasmuch as no work was being done under the terms of Contract Idm-E142 on the Clarinda Copper Group that we should mutually agree to terminate the contract on the basis of the fact that the results of the work done on the first stages of the contract were not sufficiently promising to continue with the other stages and I sent you a form which terminated the contract by mutual agreement. To date, you have not returned this form to me.

An inspection made by one of our geologists on August 25, 1952, indicates that no work has been done under the terms of the contract since last November except for some sampling in the Copper Giant and Lone Pine adits, the results of which have not yet been made available to us. Inspection of the Lone Pine vein indicates that the vein is virtually barren of copper mineralization. The Copper Giant vein, as exposed in the adit, has one ore shoot about 40 feet long which has been stoped below the level. It was suggested in December that this shoot be pumped out to see if the ore continued in depth but as of August 25 this has not been done. Neither, as far as I can determine, has the bulldozing provided in Step I of the contract been completed.

It would be possible to terminate the contract on the basis of the fact that, in the opinion of the Government, you have failed to prosecute operations pursuant to the terms of the contract. However, we realize that your energies have been devoted to the Whitedelf project and we would therefore much prefer to terminate the contract by mutual agreement and without any prejudice against you as suggested to you in my letter of July 23. It is suggested therefore that you either sign the agreement terminating the contract by mutual agreement or that you immediately demonstrate that you are prosecuting work called for under the terms of the contract.

By DMA Field Team, Region II

cc: DMA (2)
USBM (2)
V. Tryldlund

A. E. Weissenborn, Exec. Officer (USGS)

H. E. Volin, Member (USBM)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
So. Washington Street
Spokane 4, Washington

August 27, 1952

Memorandum

To: A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II

From: Verne C. Fryklund, Jr., Geologist, U. S. Geological Survey

Subject: Routine inspection of Clarinda Copper. Exploration project contract Idm-2142, Lemhi County, Idaho, Docket No. DMEA-1215 (Copper)

I talked to Compton I. White, Jr., for about one-half hour August 25, 1952 about the Clarinda work.

The constructive work done on this contract since last November has been limited to sampling in the Copper Giant and Lone Pine adits. I have been promised these assays for about 2 months now, and my request was evaded this time by saying that his father was in charge of the project. I think the assays were so poor that they don't want to show them to anyone. I suggest that if payments for assays are included in any monthly report, payment not be made unless the assay returns are included.

Unconstructive work on the property consists of reopening a caved portion of the Clarinda adit. Work in the Clarinda adit was not to start unless sampling of the two upper adits and surface bulldozing (which has not been done), indicated a reasonable target for work from the Clarinda adit. No payment should be made for work in the Clarinda adit.

The Copper Giant vein, as exposed in the adit, has one ore shoot about 40 feet long (this is all described in a report dated December 19, 1951.) The shoot was apparently of minable width and grade as there is a stope on it below the level. Reports are that the stope ended about 30 feet below the level. I suggested in December that this stope be pumped out so that we could see if the shoot continued. Compton, Jr., is still, as of August 25, planning on pumping the stope out.

The Lone Pine vein consists of quarts and a few specks of a black sulphide.

The work to date has demonstrated the lack of anthusiasm of the owners; and also the lack of sufficient copper in the veins to justify extensive underground work.

I suggest that the owners devote their energy to the Whitedelf contract and that the Clarinda contract be terminated on either the basis of not prosecuting the contract in a workman-like manner, or the geologic evidence not warranting further work, or both reasons.

Verne C. Fryklund, Jr.

cc: DMPA(A)
USB(2)
USB(SFO)
Fryklund

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 North Division Street
Spokane 2, Wash.

July 23, 1952

JUL 28 1952

Mr. Compton I. White, Sr.
Box 153
Clark Fork, Idaho

Subject: Suspension of Work Under Exploration
Project Contract Idm-E142

Dmea 1215

Dear Mr. White:

Reference is made to your letter of July 14, 1952 on the above subject.

We regret to inform you that the requested 90-day suspension of work cannot be approved. Such a delay would defer the work until fall when possible bad weather might interfere with the specified bulldozer trenching.

If you cannot proceed with the work without further delay, it is considered to our mutual benefit to terminate the contract. In this way funds now obligated to your project could be diverted to other worthwhile exploration work. This action will not prevent you from making application for another contract if you desire to continue exploration of the Clarinda mine at some future date.

Enclosed for your consideration are 6 copies of an agreement by which the contract can be terminated. Please sign all copies, retain one for your files and return the remainder to this office.

By DMEA Field Team, Region II

A. H. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures

cc: DMEA, Wash (2)
USGS
Albany

M. E. Volin, Member, DMEA Field Team, Reg. II June 26, 1952

H. T. Reno, Mining Engineer, Bureau of Mines

Contract Idm-F142, Clarinda Copper (Compton I. White), Bonner County, Idaho, Docket No. DMEA 1215X (copper)

Progress to date on subject contract has been completely unsatisfactory. The project consists of surface work and sampling to be followed by 1500 lin. feet of underground work if the surface work and sampling are successful.

The operator half-heartedly started the surface work last fall and shut down during the winter. Since then he has been concerned with a possible sale of the property and has done nothing on the project.

The initial operating invoice was returned to the Operator for correction on December 10, 1951, and it has not been resubmitted. A letter of inquiry, dated June 2, 1952, offering assistance in preparing the invoice and requesting information regarding plans for continuing the project has not been answered.

It is doubtful if the Operator intends to do any more work on the project and as this contract obligates $28,655 of exploration funds and is a continuing administration expense, it appears that it would be to the best interest of the Government to take steps to terminate it.

H. T. Reno

DEPARTMENT OF THE INTERIOR
Bureau of Mines
Spokane
JUL 7 1952

Orig. to files
cc: USGS (2)
Wash. (2)
HTR

H. E. Volin, Member, DMEA Field Team, Reg. II May 21, 1952

H. T. Reno, mining engineer, Bureau of Mines

Contract Idm-E142, Clarinda Copper, Compton I. White, Bonner County, Idaho, Docket No. DMEA 1215X (copper)

The subject contract has been suspended during the winter and pending the outcome of a possible sale. Although some work on the proposed project has been done, no payment has been made by the Government.

Mr. Compton I. White, the owner, was contacted in Clarks Fork, Idaho, on May 9, 1952, regarding the status of the contract. He did not know at that time if the contract would be continued but thought that he would know within two weeks. He promised to let us know as soon as possible.

If work is not started on this project soon, it is recommended that the contract be terminated.

H. T. Reno

Orig. to files
cc: USGS, Spokane
2 cys - Wash.
HTR

FILE COPY
NAME:

Mittendorf (fw)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

OCT 12 1951

a.e.e.

Contract Service Section
General Accounting Office
Washington 25, D. C.

Re: Docket DMA 1215X
Exploration Project Contract
Idm-E142
Compton I. White
Clark Fork, Idaho

Gentlemen:

Enclosed for recording in your office is the original, signed copy of an Exploration Project Contract executed between the operator named in the above reference and the Government of the United States.

Sincerely yours,

C. O. Mittendorf (JH)

C. O. Mittendorf, Director
Production Expansion Division

JF 10/12

Enclosure-1
S.C. Selfridge
~~DEMoulds~~/meh
Typed: 10/10/51
cc to: Reports and Records
Messrs. Mittendorf, Olund
Mr. ~~Moulds~~ Selfridge
Adm. Reading File
Docket

FILE COPY
SURNAME:

Selfridge
Mittendorf

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

SEP 19 1951

Mr. A. B. Weissenborn
Executive Officer
Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA - 1215X
Compton I. White Property
Copper Giant and Clarinda Mines
Exploration Project Contract Idm-E142

Dear Mr. Weissenborn:

Enclosed herewith are the original and five copies of the subject Exploration Contract, which I have signed for the Government, together with Exhibit "A" (3 pages) and two maps.

These are to be presented to the Operator for his signature. One copy of the contract is to be retained by him and one copy is for your files. Please return the original and the three remaining copies to this office for distribution, if the terms and conditions of this contract meet with the approval of the Operator.

If any part of this contract does not have the approval of the Operator, the original and all copies of the contract are to be returned to this office together with the proposed changes for consideration.

Sincerely yours,

C. O. Mittendorf (A.W.) JF 9/19

C. O. Mittendorf, Director
Production Expansion Division

Enclosures

APPROVED:

Tom Lyon
Chairman, Coordinating Committee.

Thager
Member, Geological Survey

Dowell B. Moon
Member, Bureau of Mines

Mr.Selfridge/meb
9/14/51
cc to: Admr's Reading Files
Reports & Records
Messrs.Mittendorf/Olund
Gowen
C.H.Johnson
McKnight
Selfridge Docket

Unsenborn, Ex Officio
Dunafield Team Report #
adorses on from to Perth
that appears in Department
for the week ending
9/14/51

FILE COPY
SURNAME:
140
DMA-1215X
Guthrie

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

September 11, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Compton I. White exploration contract — Docket No. DMA-1215X

The contract in the captioned case is approved as to legal form and sufficiency subject to:

1. Addition in the first line under the heading "Step II" on the first page of Exhibit "A" after the word "if" of the words "in the opinion of the Government."

2. Approval by the Government of any subcontracts under which work on the project is to be performed.

3. Proper signature by the applicant.

While this does not amount to a legal objection, your attention is called to the fact that the date of September 5, 1951 is already inserted in the contract although neither party has signed. This will shorten the effective start-up period available to the applicant and may also make eligible for payment under the contract expenses actually incurred before the contract was signed by both parties. If either of these factors is important the present date should be deleted in order that a date more nearly corresponding with that of the delivery of the contract to the applicant can be used. Your attention is also called to a possible typographical error in the third line of the heading of the Exhibit. "Grant" should possibly be "Giant".

Your file is returned herewith.

J. L. Hofflund

J. L. Hofflund
General Counsel

not stripped in R. & R.

G.E.C.

Attachment

RRGuthrie/bjl

Copy to: Reports & Records
J. L. Hofflund
R. R. Guthrie
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

AUG 13 1951

Memorandum

To: Director, Production Expansion Division

From: Director, Supply Division

Subject: Application of Compton I. White, Box 153, Clark Fork, Idaho. Docket No. DMA-1215X. Commodity, Copper.

Transmitted herewith is our report and recommendation on the subject application. Will you please draw a contract for the signature of the applicant.

Tom Lyon

Tom Lyon, Director
Supply Division

Attachments

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

AUG 13 1951

Docket No. 1215 X

Commodity Copper

Total Amount $ 59840

Govt. Participation $ 29920

1. Name and Address of Applicant Compton J. White
Box 153, Clark Fork, Idaho.

2. Location of Property Clark Fork Mining District,
Bonner County, Idaho.

3. Mineral or metal Copper Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good ✓

b) Poor

c) None

d) Don't know—needs field examination Has been done

e) Is there an alternative and favorable project? no
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes - owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? no

a) MF-201?

b) MF-202

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower available

b) Equipment and supplies available
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* accessible

d) Water (question 13)* available - no problem

e) Power (question 13)* no problem

Is a field check needed on any of these points? no - has been done

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes - under supervision of Field Team

Is a field check needed on this point? Has been done

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? yes

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? yes

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? yes

If not, what part of it is?

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? No

g) Is a field examination necessary to complete Exhibit A? Has been done

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? Has been done

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Field Team recommends that application be approved. The Copper Branch concurs and recommends that the application be approved.

approved
Tom Lyon

Reviewed by: J. F. Gowen
C. J. Huss
D. E. MacLaren

Date 8/7/51

97692

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

August 8, 1951

Gower

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Administration
Washington 25, D. C.

Re: Clarinda Copper
Bonner County, Idaho
DMA docket No. 1215X

A. E. C. 8-14-51

Dear Mr. Strobel:

Enclosed is a copy of a letter from Compton I. White stating he is now the sole owner of Howe Mountain Mines (Clarinda Copper property). He has not sent us a copy of the deed.

If Washington wishes a copy of the deed, I suggest you write directly to Mr. White, thus saving time.

Sincerely,

Verne C. Fryklund, Jr.

Verne C. Fryklund, Jr.
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosure
cc: U.S.B.M., Spokane

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 13 1951

C O P Y

WHITEDELF MINING AND DEVELOPMENT CO.

Fiscal Office
416 Empire State Bldg.
Spokane 8, Washington

Clarks Fork, Idaho
August 4, 1951

Mr. A. E. Weissenborn
Executive Officer, DMA
Spokane, Washington

Dear Mr. Weissenborn:

Answering the letter of Mr. Thor H. Kiilsgaard transmitting the forms for the signature of Helen F. Thibadeau to a Landlord's Subordination Agreement in connection with the application of the Howe Mountain Mines for an exploration loan.

I am pleased to advise you I hold deeds executed by Miss Thibadeau for all the mining claims both patented and unpatented comprising the Copper Giant group which has been fully paid for and that title all the mining property formerly owned by Miss Thibadeau now vests in me. Now of record in Bonner County, Idaho.

Trusting that this explanation is satisfactory.

Sincerely,

/S/ Compton I. White
Clarks Fork, Idaho

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 13 1951

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

July 26, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 30 1951
LANDON F. STROBEL
Executive Secretary

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed are four copies of an examination report, six unsigned copies of a contract, six copies of Exhibits "A", "B", "C", "D" and "E" and six copies of two accompanying maps for an exploration project at the Clarinda Copper Property, Bonner County, Idaho, DMA docket No. 1215X.

Also enclosed is the original docket material.

Mr. White, the applicant, is a co-owner of this property with Helen F. Thibideau and we have asked him to submit a Landlord's Subordination Agreement which we will forward when received.

Sincerely yours,

Verne C. Fryklund

Verne C. Fryklund
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

Pm 261 2574

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 30 1951
Mail Section

July 26, 1951

Memorandum

To: Mr. Gowen, Chairman, Copper Commodity Committee

From: Field Team, Region II

Subject: Clarinda Copper Property, Bonner County, Idaho, DMA docket 1215X

Enclosed herewith are four copies of a report, six copies of an unsigned contract, six copies of Exhibits "A", "B", "C", "D", and "E", and six copies of two accompanying maps for an exploration contract at the Clarinda Property, Bonner County, Idaho, DMA docket 1215X.

The two veins the applicant proposes to explore are very poorly exposed at present; however, the presence of abundant chalcopyrite on dumps makes Step 1 of the proposal (which will cost $2,290.00) very worthwhile. The second step of the proposal will not be carried out unless Step 1 is successful.

The Field Team definitely recommends that Step 1 be given approval. Inasmuch as Step 2, which depends upon the successful completion of Step 1, would be the logical second step in the exploration of the property, it is recommended that the entire exploration application be approved.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

Glenn O. Reed, Acting for:

M. E. Volin, Member
(U. S. Bureau of Mines)

cc: U.S.B.M., Spokane

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

July 25, 1951

MEMORANDUM

TO: A. E. Weissenborn, Executive Officer, DMA, Field Team, Region II

FROM: Verne C. Fryklund, Jr.

SUBJECT: Clarinda Property, Bonner County, Idaho DMA Docket No. 1215X

RECOMMENDATIONS

Although the copper veins are not large and the visible grade is small, the amount of chalcopyrite on the old dumps is more than sufficient to encourage the expenditure of $2,090.00 in the first step of the proposed exploration. If the first step is successful, the second step should be carried out.

APPLICANT

The applicant is Mr. Compton I. White of Clark Fork, Idaho, who, with Helen F. Thibadeau, owns the Copper Giant, Clarinda and Larson properties.

LOCATION OF DEPOSIT

The properties are located in SE¼ of sec. 20, the SW¼ of sec. 21, the NW¼ of sec. 28, and the NE¼ of sec. 29 all in T. 56 N., R. 2 E., B.M. Bonner County, Idaho. The property lies just north of U. S. Highway 10A, about five miles west of Clark Fork, Idaho.

OWNERSHIP OF CLAIMS

The claims in which the work is to be done are: Grand Copper (patented), Copper Standard (patented), King Bolt (patented), Pend d'Oreille (patented), Lone Pine, Woodman, John F., Watchman (patented), and Clarinda Tunnel site (patented). These claims are owned by Compton I. White and Helen F. Thibadeau.

PAST OWNERSHIP AND PRODUCTION

According to the applicant the Clarinda and Copper Giant Mining Companies were organized some 35 years ago, but because of litigation very little ore was produced. The consolidation of the properties occurred in 1950.

Apparently only about nine tons of ore have been produced from this property.

The assay is as follows:

Au 0.10 oz/ton, Ag 0.2 oz/ton, Cu 12.72 percent, SiO_2 45.4 percent, Fe 17.4 percent, S 18.9 percent, Al_2O_3 2.9 percent.

DESCRIPTION OF PROPOSAL

The applicant proposes to explore the property in two steps. In the first step ten bulldozer trenches will be made across the Copper Giant vein, the same number of trenches bulldozed across the Lone Pine vein, and the Copper Giant and Lone Pine adits will be reopened and rehabilitated so as to permit sampling of the two veins. If the width and assays of the veins are satisfactory it is proposed to drive a 1,050 foot crosscut, which will intersect the two veins, from the Clarinda adit and then drift 125 feet north and south on both veins.

DESCRIPTION OF THE DEPOSITS

The country rock of the veins has been mapped as the Wallace formation (pre-Cambrian, Belt Series) by A. L. Anderson (U.S.G.S.Bull. 944B). The formation as exposed on the property is weathered brown and composed of thin bedded gray quartzite and dark gray slate. Where exposed in the Copper Standard claim the strike is almost due north, dipping about 65° east.

The Copper Giant vein as exposed in a small cut in the Copper Standard claim (see map) strikes N. 40° E., and dips 60° west. In the short underlying Upper Copper Giant adit the strike varies from N. 35° - 40° E. and dips about 68° west. The Lone Pine vein is very poorly exposed in a series of small pits in the Lone Pine claim where it strikes about N. 44° W., and dips about 58° west.

The veins, as seen, range in width from less than six inches to slightly more than 2 feet and are mainly composed of quartz and minor quantities of pyrite, chalcopyrite, galena and what may be tetrahedrite. Vein material on dumps, however, contains a large amount of massive chalcopyrite. The quantity of chalcopyrite on the dumps is unusual considering the very small recorded amount of ore shipped.

As shown on the accompanying map, there are several smaller veins with similar attitudes which have been prospected.

MINE WORKINGS

The principal mine workings on the property are listed below:

1. Clarinda tunnel-- This tunnel as shown on the accompanying map is about 2,400 feet long and did not produce any ore. There is about two feet of water in the adit but it is doubtful if there are any caved portions.

2. Lone Pine adit-- The Lone Pine adit is reported to be about 300 feet long. The portal is completely caved. The adit apparently followed the Lone Pine vein.

3. Main Copper Giant adit-- The main Copper Giant adit is completely caved but the length as indicated by the dumps is on the order of 300-400 feet.

4. Upper Copper Giant adit-- The portal of the Upper Giant adit is partially closed but the remainder of the adit is open. It is about 35 feet long and an inclined winze was sunk 60-90 feet on the vein about 25 feet from the portal.

5. There are several small cuts and prospect pits as indicated on the accompanying map.

RESERVES

There are no reserves.

MINING COSTS

Mining costs cannot be estimated.

MILLING METHOD

Not discussed, the applicant owns a flotation mill at the Whitedelf property about seven miles distance.

RATE OF PRODUCTION

The rate of production cannot be determined at present.

TIME SCHEDULE

The applicant believes that opening the two portals and bulldozing could be accomplished in one months time. If Step 2 is carried out, moving in equipment and laying track and pipe in

the Clarinda adit could be completed in an additional month. As the applicant proposes a double shift, driving the crosscut and drifts would be accomplished in the third to eleventh months inclusive.

EQUIPMENT AND FACILITIES

The applicant can furnish a Manche Tramper, an IMCO mucking machine, and a drifter. The remainder of the equipment must be purchased. There are three buildings in a bad state of repair at the Clarinda Tunnel site.

LABOR, POWER, TRANSPORTATION

The labor supply appears adequate. A power transmission line of the Washington Water Power Company crosses the property. The town of Clark Fork, five miles distant is served by the main lines of the Northern Pacific. The property is on the north side of U. S. Highway 10A. No access roads need to be built.

ADEQUACY OF REQUESTED FUNDS

The requested funds are adequate.

COMPETENCE OF APPLICANT

Although the applicant has operated the Whitedelf mine for many years, he would certainly need competent supervisory personnel. His son, with some outside advice, could probably do the work in a competent manner.

FILE COPY
SURNAME:

Gowen

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D.C.

Docket & Letter mailed 6/21/51

JUN 21 1951

Re: Docket No. DMA-12152

Compton I. White
Box 153
Clarkfork, Idaho

Dear Mr. White:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. A. E. Weissenborn, Executive Officer, DMA Field Team, Region II, South 157 Howard Street, Spokane, Washington.

Very truly yours,

Tom Lyon, Director
Supply Division

JWAlt:jp

Copy to: Executive Officer, DMA Field (2)
Executive Secretary
Administrator's Reading File
Coordinating Committee
J. B. Gowen-Room 2522
Charles J. Johnson
D. Mac Laren
Files

FILE COPY
SURNAME:

Gowen

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

6-21-51

Re: Docket No. DMA-1215X
Compton I. White
Copper
Exploration Loan

Mr. A. B. Weissenborn, Executive Officer
DMA Field Team, Region II
South 157 Howard Street
Spokane, Washington

Dear Mr. Weissenborn:

Please find enclosed the assay sheet dated May 2, 1951 from C. I. White. We failed to include this information when we mailed you the file of this application.

Very truly yours

J. B. Gowen
Acting Chief, Copper Branch
Defense Minerals Administration

JWAlt:jp

Copy to: Executive Secretary
Copper Branch
Files

DMA 1215

456

UNITED STATES
DEPARTMENT OF INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

June 19, 1951

JUN 20 1951

Mr. A. E. Weissenborn
South 157 Howard St.
Spokane , Washington

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. 1215X

Commodity Copper

Applicant Compton T. White, Property Bonner County, Idaho

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon

Tom Lyon, Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Edwin T. McKnight
For Geological Survey

6/5/51

Defense Minerals Administration 6-15-51

Review of Application for Exploration Assistance

Docket No. 1258

Commodity Copper

Total Amount 30,000.00

Govt. Participation 23,000.00

1. Name and Address of Applicant Carroll T. Wise

Box 153 Lapwai, Idaho

2. Location of Property T 36 N R 28 E [illegible]

Bailey Gulch Clearwater County

3. Mineral or metal Copper Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination yes

e) Is there an alternative and favorable project? (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes - owner (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No.

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies None on Property
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* YES

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? YES

If not, are there sufficient data given so that you can describe the project? — If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes - work not delineated on maps

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? YES

If not, what part of it is? —

Is this part a worthwhile exploration project? ——

d) Are the cost estimates detailed? YES

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? COMPRESSOR TO HIGH, SUPERVISION TO HIGH DOESN'T SHOW SERVICE OF LINE TRUCKS, TRAILERS, ETC. NEED FURTHER CHECKING

f) Should more information be requested from applicant? YES

g) Is a field examination necessary to complete Exhibit A? YES

11. Exhibit B (question 23-d)*

a) Is it applicable? YES

b) If so, are sufficient data furnished? YES If so, attach a draft.

c) Is a field check needed? NO

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? e & f APPLICABLE ; g NOT APPLICABLE

b) Sufficient data? NO. If so, attach a draft.

c) Are rents and charges reasonable? ? DOES NOT STATE SIZE OF EQUIPMENT TO RENT

d) Is a field check needed? YES

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? NO

b) Is the schedule adequate for the work proposed? ? DOES NOT GIVE LENGTH OF CROSSCUT.

c) Is the schedule excessive for the work proposed? "

d) Are the proposed wages and salaries reasonable? DOES NOT GIVE SALARIES OF CREW SUPERVISION TO HIGH FOR SMALL NO. OF MEN.

e) Is a field check needed? YES

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? –

c) Reasonable? –

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Can't Estimate See 13b What He Gives Looks Reasonable

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Check cost of Supplies & Equipment. Investigate feasibility of project. Supply the missing data

Reviewed by: [illegible]

Date 15 June 51

97692

10a. The applicant proposes to reopen the caved portals of the upper tunnels to permit through sampling and examination, remove bulkhead from the 2100 ft Clarinda tunnel at the base of the mountain and have a crosscut at the same end of the tunnel to intersect both the lime pit and Copper Giant veins at a lower depth. Also strip overburden from outcrops.

21-22

Exhibit A

10.d	CLEAN PORTALS	$1200.00
	BULLDOZING 20 DAYS @ $80/DAY	1600.00
	1150 ft CROSSCUT (LABOR & EXPLOSIVES @ $20/ft.)	23000.00
	ENGINEERING $200/MONTH	1200.00
	SUPERVISION $500/MONTH	3000.00
	SHOP BUILDING & EQUIPMENT	1750.00
	EQUIPMENT	14875.00
	RENT TRAMMER $100/MONTH	600.00
	RENT MUCKER $80/MONTH	480.00
	ELECTRICITY 150/MONTH	900.00
	SMALL EQUIPMENT & REPAIRS	1395.00
		$50,000.00

Exhibit B

23 d

11b.	SHOP BUILDING	$750.00

Exhibit C

23 c

12b ITEMS TO BE PURCHASED

RAIL 10 TONS @ $80/ton	800.00
TIMBER	800.00
SPIKES, SPLICES AND BOLTS	150.00
4 ORE CARS @ $250.00	1000.00
250 CFM COMPRESSOR	8000.00
50 HP MOTOR & STARTING EQUIPMENT	1000.00

RECIEVER	1000.00
DRIFTER	725.00
STEEL & BITS	300.00
BAR, ARM & SADDLE	150.00
HOSES & WATER TANK	150.00
SHOP EQUIPMENT	1000.00
FAN & VENT PIPE	1500.00
SMALL EQUIPMENT & REPAIRS	1395.00
23 f	$17,970.00

EQUIPMENT TO RENT

BULLDOZING 20 DAYS @ $80/DAY	$1600.00
TRAMMER $100/MONTH	600.00
MUCKER $80/MONTH	480.00
	$2680.00

23g- not applicable

Exhibit D

Not itemized

Exhibit E

N.A.

10a The applicant proposes to repair the caved portals of the upper tunnels to permit entrance, sampling and examination, ventilate the 2100 ft Clarinda tunnel into the face of the mountain and drive a crosscut at the same, and of the tunnel to intersect the lode pyrite and Copper Giant veins at a lower depth, also strip overburden from outcrops.

EXHIBIT B

21-22

10d	CLEAN PORTALS	$1700.00
	BULLDOZING 20 DAYS @ $80/DAY	1600.00
	1150 FT CROSSCUT (LABOR + EXPLOSIVES @ $20/FT)	23000.00
	ENGINEERING $300/MONTH	1700.00
	SUPERVISION $500/MONTH	3000.00
	SHOP BUILDING + EQUIPMENT	1750.00
	EQUIPMENT	14875.00
	RENT TRAMMER $100/MONTH	600.00
	RENT MUCKER $50/MONTH	450.00
	ELECTRICITY 150/MONTH	900.00
	SMALL EQUIPMENT + REPAIRS	1345.00
		$50,000.00

EXHIBIT B

23d.

11b	SHOP BUILDING + EQUIPMENT	$750.00

EXHIBIT C

23e

12b	ITEMS TO BE PURCHASED	
	RAILS 10 TONS @ $80/TON	800.00
	TIMBER	800.00
	SPIKES, SPLICES AND BOLTS	150.00
	4 ORE CARS @ $250.00	1000.00
	250 CFM COMPRESSOR	8000.00
	50 HP MOTOR + STARTING EQUIPMENT	1000.00

RECIEVER	1600.00
DRIFTER	725.00
STEEL + BITS	300.00
BAR ARM + SADDLE	150.00
HOSES + WATER TANK	150.00
SHOP EQUIPMENT	1000.00
FAN + VENT PIPE	1500.00
SMALL EQUIPMENT + REPAIRS	1395.00
	$17,970.00

23f

EQUIPMENT TO RENT

BULLDOZING 20 DAYS @ $80/DAY	$1600.00
TRAMMER $100/MONTH	600.00
MUCKER $80/MONTH	480.00
	$2680.00

23g. NOT APPLICABLE

EXHIBIT D.

NO ITEMIZED

EXHIBIT E

N.A.

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

May 23, 1951

Mr. Compton I. White
Box 153
Clarkfork, Idaho

Subject: DMA-1215X
Re: Exploration Loan
Clarinda, Copper Giant,
and Larson Groups

My dear Mr. White:

Receipt is acknowledged of your application and attachments of May 1, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1215X and was referred to Mr. J. B. Gowen, Chief, Copper Branch on May 21, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1215X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:mab
cc: Strobel
File
Gowen
Lyon

Dma- 1215 X

Clarkfork, Idaho
May 12, 1951

Mr. Tom Lyon, Director
Supply Division
Defense Minerals Administration
Department of the Interior

Dear Mr. Lyon,

Making reference to our several conferences before leaving Washington, there is enclosed a mine development application to open and put into production the consolidation of the copper properties on Howe Moutain near Clarkfork, Idaho.

Since our last conference and my arrival in Idaho, considerable work has been accomplished in opening up and disclosing the ore deposits in the vein structure covered by these three groups of mining claims. Trenching operations to expose the outcrops of the several veins has uncovered copper ore in the veins at several places on the properties, as you will note from the assay map enclosed.

By reopening the long tunnel and driving a short crosscut to tap both the Lone Pine and the Copper Giant veins and ore shoots on the tunnel level at the base of the mountain, we would be able to produce copper ore from both veins in the near future.

I wish it were possible for you to come and see for yourself the possibilities for early copper ore production from this consolidation of copper producing properties.

Trusting that the consideration of this mining application will be expidited.

Sincerely,

Compton I. White

Compton I. White

April 23, 1951

Mr. Compton I. White

Clarks Fork, Idaho

Dear Mr. White:

Enclosed herewith are five copies of a press release dated April 11, 1951 describing the Defense Minerals Administration's program for aid in exploration for strategic and critical minerals, five copies of Form MQ-5 (Regulations) and five sets each of Forms MF-100 (General Technical Data) and Form MF-103 (Application for Aid for an Exploration Project).

We are also enclosing your reports on the Clarinda and Howe Mountain Mines as promised by Mr. Tom Lyon.

Very truly yours,

J. B. Gowen

J. B. Gowen, Acting Chief
Copper Branch, DMA

Enclosures

JBGowen:ba

Copy to Executive Secretary
Copper Branch, Rm 3423
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

APR 12 1951

[illegible]
[illegible] Avenue
[illegible]

In reply please
refer to [illegible]

Dear [illegible]:

[illegible] of the [illegible] act of 1950 [illegible] of exploration, development and mining of strategic and critical [illegible] Where an applicant has proven reserves of strategic materials, Federal assistance may be given through procurement contracts for such materials as are in short supply. On the strength of these contracts, the applicant can obtain private financing in most instances.

[illegible] approval for procurement of exploration of strategic materials on a [illegible] basis on the part of the applicant. For [illegible], zinc and copper reserves it will be necessary to match development funds on an equal basis. Funds advanced by the Government will be considered a loan, to be repaid if the exploration is profitable, but to be cancelled if unsuccessful. For details of the plan, explaining the projects that will be eligible for assistance, the terms and methods of financing, repayment, and other pertinent information, are enclosed.

A review of your application ([illegible]-55) for financial aid in deepening the shaft at the Whitecliff Mine, Bowser Co., indicates that your proposal may be considered under this exploration program. Initial engineering expenditures that will be reimbursed are limited to exploration and will be subject to a final determination by negotiation, but on a preliminary basis, we believe that the program will apply to the entire application of $[illegible],000.00.

Before we can proceed further with consideration of your application, which may or may not require a field examination, please indicate your willingness to provide your share of the funds necessary to carry out the program as [illegible]. Any modification of your original proposal that you may wish to make will be considered, but we must have a specific statement concerning the work you wish to undertake.

Very truly yours,

Otto Herres

[illegible]
3/[illegible]/5[illegible]
Copies to: [illegible]
[illegible]
[illegible] Moon
[illegible] Potts
[illegible] copies to [illegible]
Sec. Officer, [illegible]

L. F. Strobel
C. C. Wittendorf
Files

April 10, 1951

Mr. Compton I. White
Clarks Fork
Idaho

Dear Mr. White:

This is to acknowledge receipt of your letter of March 31, 1951 in which you inform us that the Howe Mountain copper properties can now be examined in open weather.

We will send the application blanks to you as soon as they become available.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division, DMA

JBGowen:pf

Copy to: Executive Secretary w.c.i.
Copper Branch w.c.i.
Files

LANDON F. STROBEL

SEVENTY-FOURTH CONGRESS

COMPTON I. WHITE, IDAHO, CHAIRMAN

ALLARD H. GASQUE, S. C.
ROY E. AYERS, MONT.
WRIGHT HELL, WASH.
HENRY E. STUBBS, CALIF.
J. WILL ROBINSON, UTAH
J. HARDIN PETERSON, FLA.
THEO. B. WERNER, S. DAK.
MILTON H. WEST, TEX.
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HERRON PEARSON, TENN.
PAUL R. GREEVER, WYO.
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JOHN J. DEMPSEY, N. MEX.

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WILLIAM A. ROWALL, OREG.
B. W. GEARHART, CALIF.

HOUSE OF REPRESENTATIVES

COMMITTEE ON IRRIGATION AND RECLAMATION

WASHINGTON, D. C.

COMPTON I. WHITE
FIRST DISTRICT IDAHO

HOME ADDRESS:
CLARKS FORK, IDAHO

COMMITTEES:
IRRIGATION AND RECLAMATION — CHAIRMAN
COINAGE, WEIGHTS, AND MEASURES
PUBLIC LANDS

[illegible] 1951

BUREAU OF MINES
MAIL ROOM
WASHINGTON, D.C.
APR 5 8 08 AM '51

[illegible]

Compton I. White
Compton I. White
[illegible]

Mr. Dowson

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 5 - 1951
LANDON F. STROBEL
Executive Secretary

reply for Boyd

HOUSE OF REPRESENTATIVES
Committee on
Irrigation and Reclamation
Washington, D. C.

Clarks Fork, Idaho
March 31st 1951

Mr. Tom Lyons, Director
Supply Division
Defense Minerals Administration
Washington, D. C.

Dear Mr. Lyons:-

Have arrived at Clarks Fork to find all the snow gone from the foothills so that we can go over the Howe Mountain Copper properties for an examination in sunshine and pleasant weather.

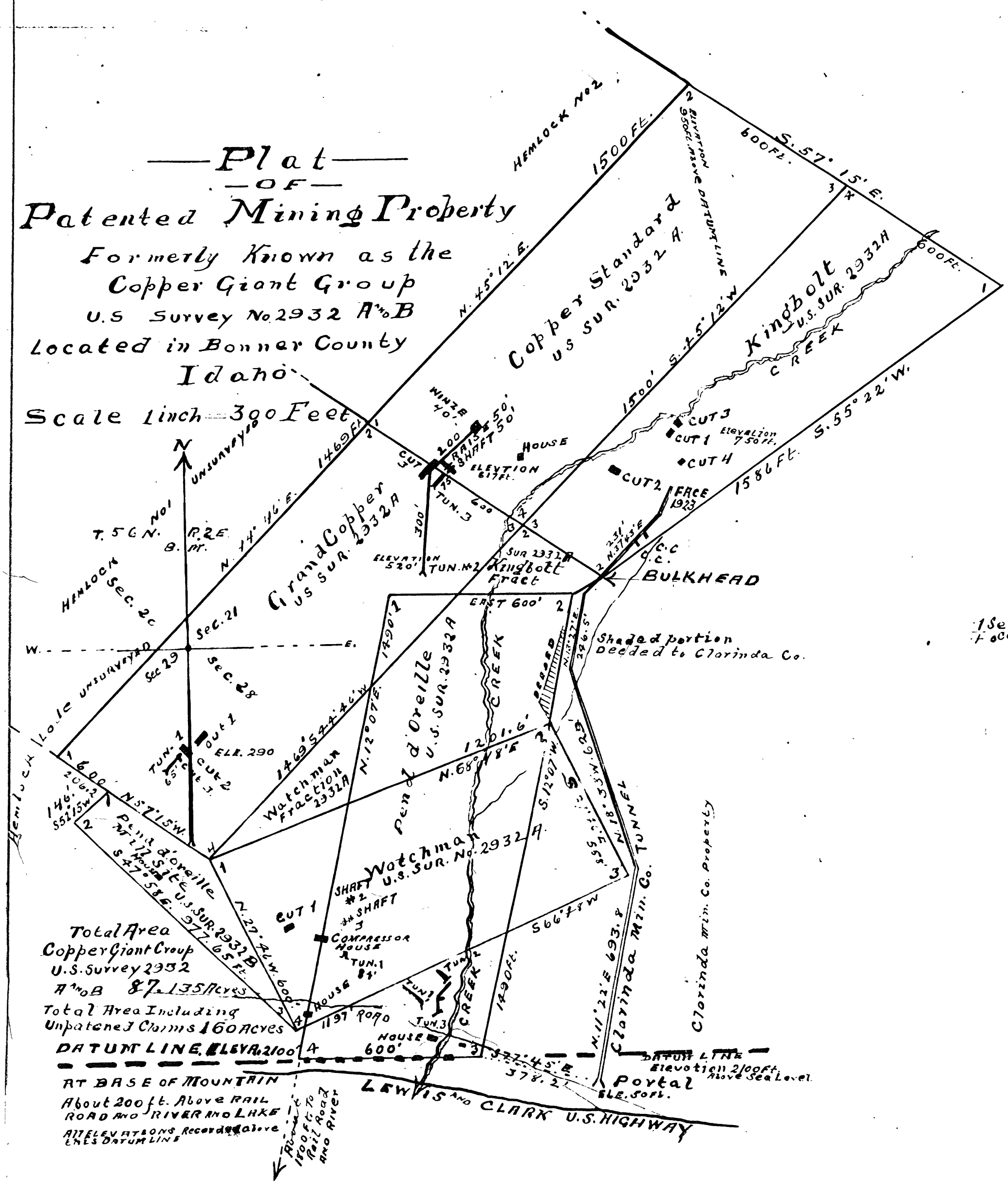
Please have your secretary send me several copies of the mine application blanks as soon as they are available from the office of the Bureau of the Budget. Would like to have 5 of these application Blanks for use in this district.

Sincerely,

/s/

Compton I White
Clarks Fork, Idaho

COPY


Plat
OF
Patented Mining Property
Formerly Known as the
Copper Giant Group
U.S Survey No 2932 A and B
Located in Bonner County
Idaho
Scale 1 inch = 300 Feet
N
HEMLOCK No 2
1500 FT.
N. 45° 12' E.
ELEVATION 950 FT. MOVE DATUM LINE
600 FT.
S. 57° 15' E.
Copper Standard
US SUR. 2932 A
Kingbolt
U.S. SUR. 2932 H
CREEK
S. 45° 12' W.
S. 55° 22' W.
1586 FT.
CUT 3
CUT 1
CUT 4
CUT 2
FACE 1923
Elevation 750 ft.
HOUSE
ELEVATION 617 FT.
WINZE 40'
RAISE 50'
SHAFT 50'
CUT 3
TUN. 3
ELEVATION 520'
TUN. No 2
UNSURVEYED
1469 FT.
N. 14° 16' E.
T. 56 N.
R. 2 E.
B. M.
Grand Copper
US SUR. 2932 A
SUR 2932 A
Kingbolt Fract
BULKHEAD
C.C.C.
HEMLOCK
Sec. 20
Sec. 21
Sec. 29
Sec. 28
W.
E.
EAST 600'
Shaded portion Deeded to Clarinda Co.
1 Sec Cor.
Hemlock Lode UNSURVEYED
TUN. 1
OUT 1
ELE. 290
CUT 2
CUT 3
1469' S 44° 46' W
Watchman Fraction 2932 A
N. 12° 07' E.
1490' 1
Pend d'Oreille
U.S. SUR. 2932 A
CREEK
1201.6'
N. 68° 18' E
S. 12° 07' W.
N. 18° 53' W. 929
TUNNEL
Clarinda Min. Co. Property
N. 57° 15' W.
206.2
146.
S 57° 15' W.
Pend d'Oreille
Mill Site
U.S. SUR. 2932 B
S 47° 58' E. 977.65 FT.
N. 27° 42' W. 600'
CUT 1
SHAFT #2
SHAFT #3
COMPRESSOR HOUSE
TUN. 1
TUN. 2
TUN. 3
HOUSE
1197 ROAD
Watchman
U.S. SUR. No. 2932 A
S 66° 48' W
1490 ft.
N. 11° 22' E 693.8
Clarinda Min. Co.
Total Area
Copper Giant Group
U.S. Survey 2932
A and B 87.135 Acres
Total Area Including
Unpatened Claims 160 Acres
DATUM LINE ELEV. 2100
600'
S. 37° 45' E.
378.2
DATUM LINE
Elevation 2100 ft. Above Sea Level
Portal
ELE. 50 ft.
AT BASE OF MOUNTAIN
About 200 ft. Above RAIL ROAD AND RIVER AND LAKE
ALL ELEVATIONS Recorded Above THIS DATUM LINE
Rail 1500 ft. To Rail Road AND River
LEWIS AND CLARK U.S. HIGHWAY

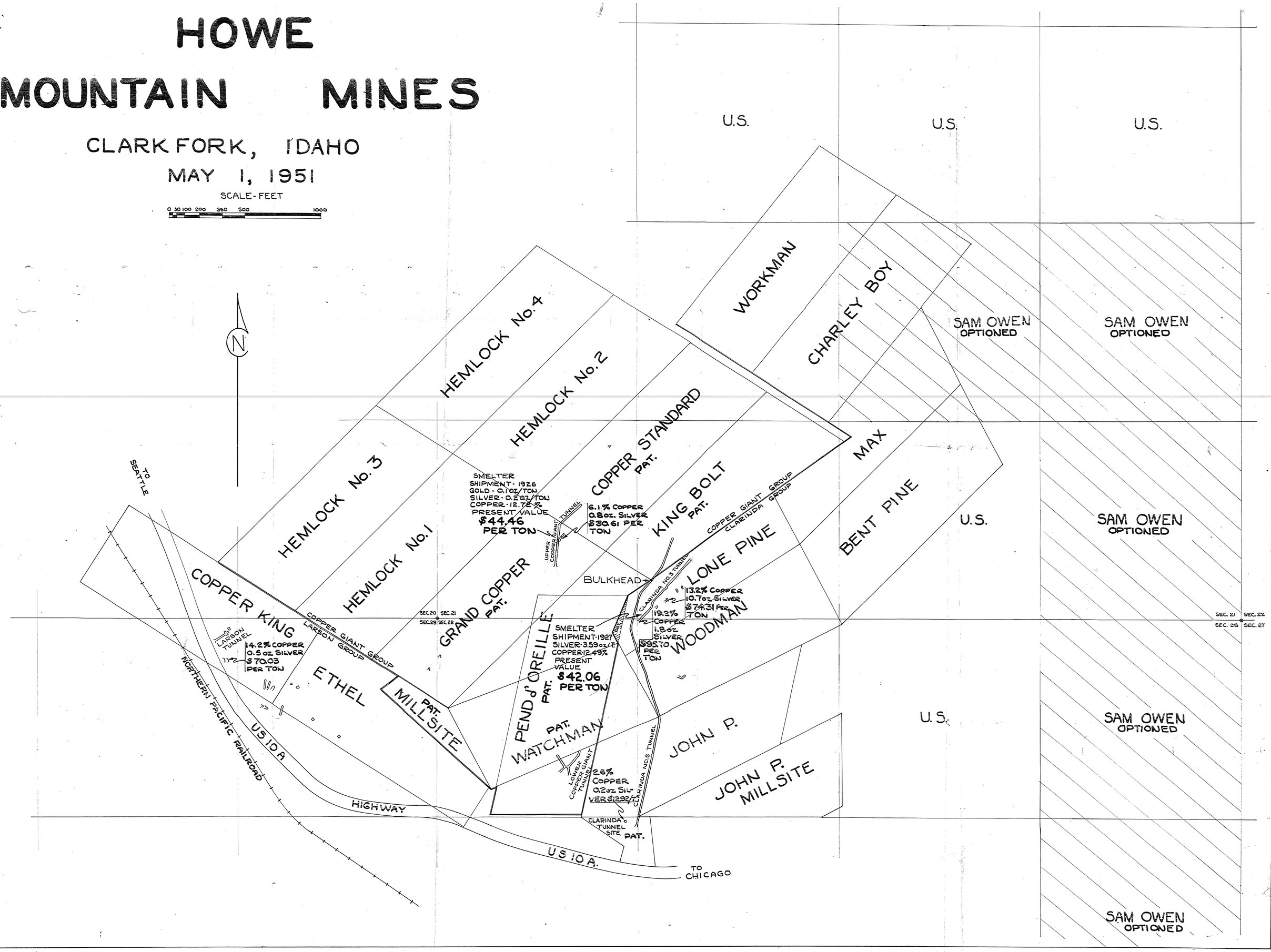
HOWE MOUNTAIN MINES

CLARK FORK, IDAHO

MAY 1, 1951

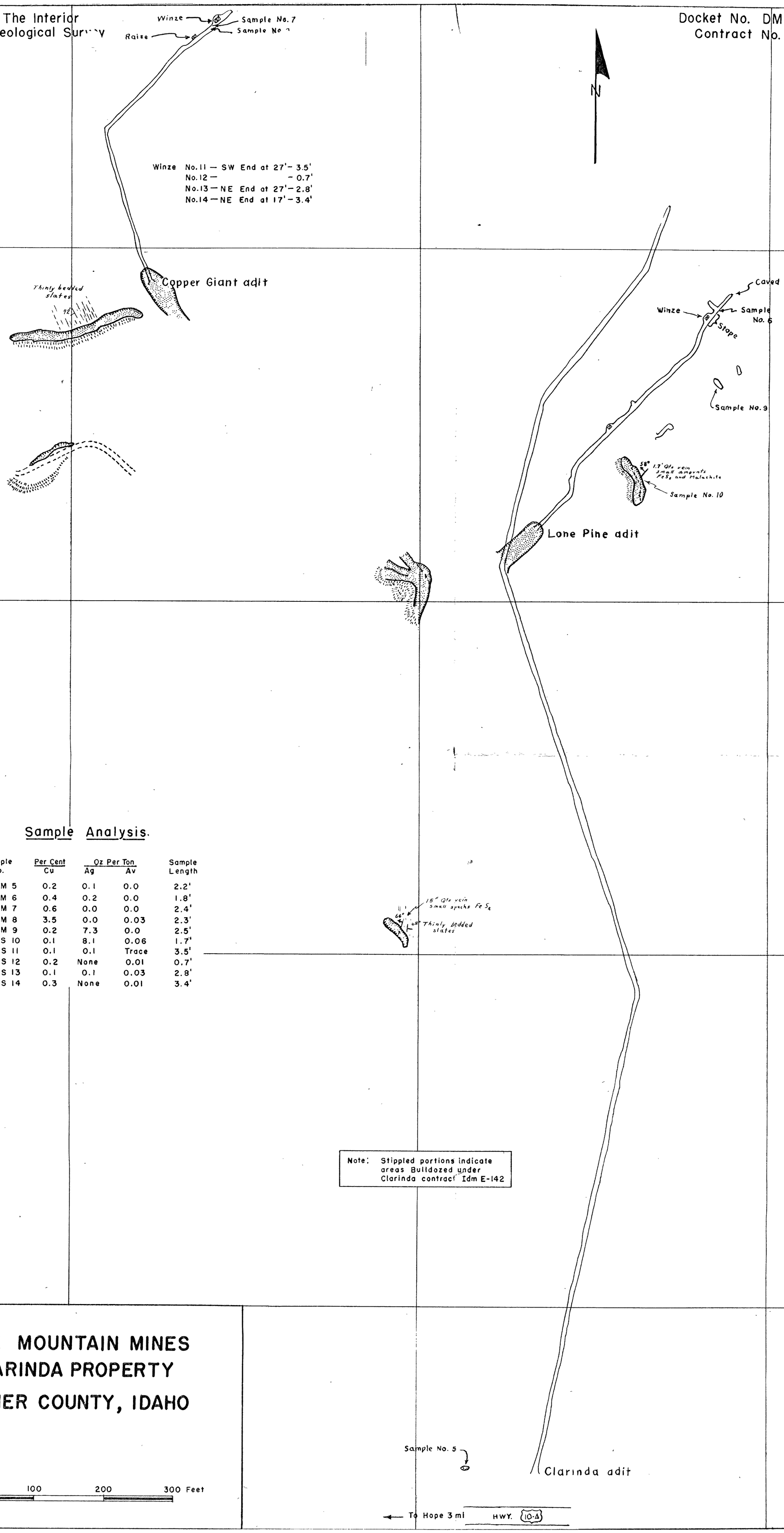
SCALE-FEET

0 50 100 200 350 500 1000



Department Of The Interior
United States Geological Survey

Docket No. DMA 1215 X
Contract No. Idm E 142



Sample Analysis.

Sample No.	Per Cent Cu	Oz Per Ton Ag	Oz Per Ton Av	Sample Length
USBM 5	0.2	0.1	0.0	2.2'
USBM 6	0.4	0.2	0.0	1.8'
USBM 7	0.6	0.0	0.0	2.4'
USBM 8	3.5	0.0	0.03	2.3'
USBM 9	0.2	7.3	0.0	2.5'
USGS 10	0.1	8.1	0.06	1.7'
USGS 11	0.1	0.1	Trace	3.5'
USGS 12	0.2	None	0.01	0.7'
USGS 13	0.1	0.1	0.03	2.8'
USGS 14	0.3	None	0.01	3.4'

HOWE MOUNTAIN MINES
CLARINDA PROPERTY
BONNER COUNTY, IDAHO

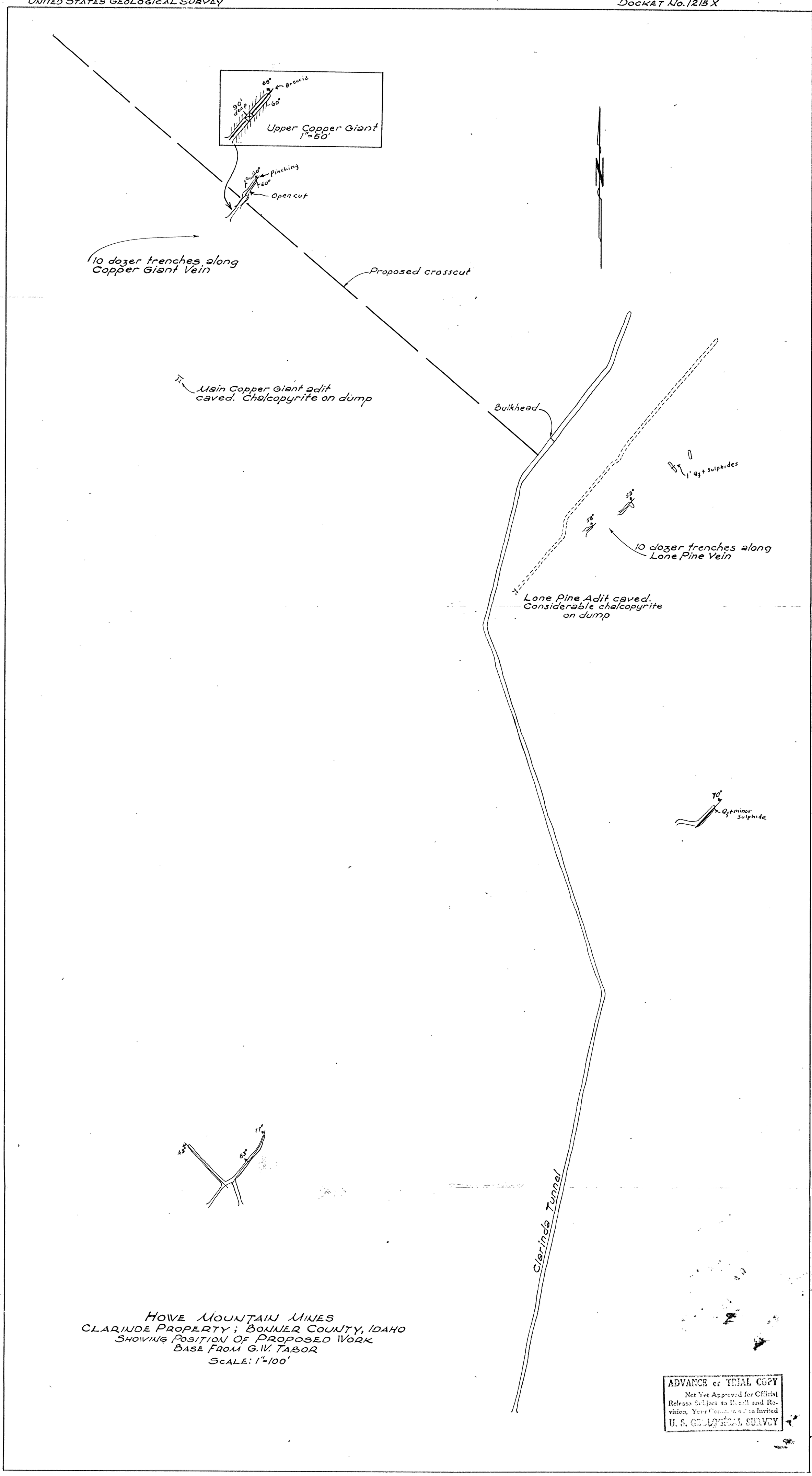
0 100 200 300 Feet

Docket No. DMA 1215 X

Upper Adits, Howe Mountain (Clarinda) Property

Bonner County, Idaho

20 0 20 40 60



HOWE MOUNTAIN MINES
CLARINDE PROPERTY; BONNER COUNTY, IDAHO
SHOWING POSITION OF PROPOSED WORK
BASE FROM G.W. TABOR
SCALE: 1"=100'

ADVANCE or TRIAL COPY
Not Yet Approved for Official
Release Subject to Recall and Re-
vision, Your Comments are Invited
U. S. GEOLOGICAL SURVEY