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

OCT 9 1959

Mr. George T. Rawlings, Manager
White Cloud Mine
Portown, Juab County, Utah

Re: Docket No. OME-6066 (Copper)
White Cloud Mine
White Cloud Claims
Juab County, Utah

Dear Mr. Rawlings:

Your application for aid in an exploration project and other information available to us in Washington concerning the above-named property have been reviewed.

Careful study of all the information available to us indicates that the probability of disclosing significant ore reserves on your property is not sufficiently promising to justify Government participation in the proposed exploration. We regret to advise you that, under these circumstances, your application for exploration assistance is denied.

Sincerely yours,

Frank E. Johnson

Acting Director

WRGrimwald/gla
10-7-59
cc to: Director's Reading File
Operating Committee
Mr. McMahon, USBM
Mr. Kirkemo, USGS
OME Field Team, Region III (2) w/2cc each USBM memo 9/30/59
Docket and USGS memo 10/5/59
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Mines
Washington 25, D. C.

September 30, 1959

Memorandum

To: W. R. Griswold, Office of Minerals Exploration

From: Community Specialist, Branch of Base Metals

Subject: Review of Application, Docket No. [illegible]-6066 (Silver, gold, copper), White Cloud Mine (Rawlings, Rawlings and Robertson), White Cloud Claims, Juab County, Utah. $32,409.06.

The applicant seeks Government assistance in an exploration program consisting of a geophysical survey, 120 feet of shaft sinking, 280 feet of crosscutting, and 1,000 feet of underground and 800 feet of surface diamond drilling, to explore contacts of a quartz-breccia zone which is stated to be 230 feet wide.

A 350 foot tunnel in the breccia zone encountered some manganese showings and the applicant evidently believes this may be an indication of copper or silver mineralization. Accordingly, the proposed exploratory shaft and beginning of the proposed crosscut have been located at the manganese occurrence.

From the information presented it is believed that the proposed project is blind prospecting with very little promise of finding a commercial orebody of copper. Further, the financial eligibility of the applicant is questionable according to the response to item I of the application.

Unless it is deemed necessary to request additional information from the applicant, it is suggested that the application be denied without reference to the Field Team.

A. D. McMahon

A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Harold Kirkemo, U.S.G.S.
[illegible]
F. D. Lamb
Files

October 5, 1959

Re: OME 6066 (Silver-Gold-Copper)
White Cloud Claims
White Cloud Mine
Juab County, Utah

Memorandum

To: W. R. Griswold, Office of Minerals Exploration

From: Harold Kirkemo, U. S. Geological Survey

Subject: Review of application

The applicant proposes a program of exploration costing nearly $33,500 on a group of claims in the Deep Creek Range in western Juab County, Utah.

The applicant indicates he has no means of providing his share of the exploration cost. The proposed exploration program is poorly defined in the application and practically ignored in the geologic report. Assay certificates accompanying the application indicate good values in silver and copper but locations and widths of the sampled material are not provided.

On the basis of the applicant's financial inability to share in the proposed exploration, I recommend that the application be denied without referral to the Field Team.

Harold Kirkemo

cc: OME (3)
A. D. McMahon, 3623
Director's reading
Branch reading
Chron. file
Docket file
HKirkemo/mm
G-MD-10-5-59

Form 40
Rev. 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Budget Bureau No. 42-R1368 6066
Approval expires Dec. 31, 1963

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85-701 (72 Stat. 700; 30 U.S.C. 641)

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed.)*

White Cloud Mine
Partown, Juab Co., Utah

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: OME-6066

DATE RECEIVED: 9-28-59

REGION: III

DIVISION CODE: 500

BUSINESS ORGANIZATION *(Check one)*

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

STATE IN WHICH FIRM IS ORGANIZED: Utah

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Samuel A. Rohrbach	Partown, Juab Co., Utah	Partner
Lorrin M. Rawlings	Partown, Juab Co., Utah	Partner
George T. Rawlings	Partown, Juab Co., Utah	Partner also Manager

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

ESTIMATED COST OF PROJECT: $ 33,409.06

PROPERTY NAME: White Cloud #1-#17 Claims

LOCATION — COUNTY: STATE:

GENERAL INSTRUCTIONS

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

CERTIFICATION

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

May 8 1959
DATED

George T. Rawlings
BY *(Signature)*

Manager
TITLE

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

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

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

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

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

2. Applicant's Rights in Land:

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

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

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

3. Physical Description:

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

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

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

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

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

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

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

4. Accessibility of Property:

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

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

5. Exploration Work:

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

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

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

6. Experience:

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

7. Estimate of Costs:

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

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

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

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

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

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

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

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

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

1. A.)
B.) None
C.)

2. Property is owned by right of location as recorded in the Court House of Juab County at Nephi, Utah in Book 156 156 / 163 156 / 164 164 Pages 326 and 327 / 493-496 493-496.

3. A. White Cloud #1 Claim has 351 feet of tunnel and 20 feet of shaft on it. It has car rails and pipe in it and a 220 Cf compressor, belt driven, rock drill and bites.

B. Partner

C. No past production

D. No ore reserves, only a prospect in a potential mining district.

Assays of samples taken in White Cloud Claims indicate that the silver and copper values are in separate ores and/or that the copper content does not indicate the silver content of the ore.

E. Please refer to Geology report. Ore expected in contact veins on the contact of the breccia zone and veins along igneous-schist contacts.

F. Hydrothermal alteration and deposition of Manganese in the tunnel and igneous activity in the area. I refer you to the Geology Report.

G. Geology Reports. Two (2) copies included.

4. A. The property is accessible the year round by a fairly good road from Partown store. Mr George Rawlings will conduct the engineer over the property. Inquire at the above mentioned store.

B. The nearest shipping point is Wendover, Utah [illegible] miles and the nearest mining supplies is Salt Lake City, which is 170 miles.

5. A. Exploration work shall consist of cross-cutting and sinking by diamond drilling and/or tunnel and shaft to explore the contacts of the quartz-breccia zone which is about 230 feet wide at the shaft.

TUNNEL AND SHAFT WORK

120 Feet of 2 compartment 6x12 shaft. 25 days time.

Labor, Supervision	$ 600.00
Timbering	1,650.00
Mining	2,300.00
Timber 12,000 BF @ $145 M	1,750.00
4x4 guides clear	150.00
315 compressor rent-purchase $4,500.00 for 1 mo	600.00
Operation cost $15.00/da	375.00
Powder, fuse and caps	600.00
Hoist air tugger for sinking rental $475.00	50.00
	$ 8,075.00
Misc. expenses 15% of Total	1,211.25
	$ 9,286.25

220 foot cross-cut tunnel 5x7 55 days time, powder, fuse and caps	$ 600.00
315 compressor rent-purchase $4,500.00 ---1 month	600.00
No timber needed except shaft station.	
Compressor, gas and oil----------30 days	450.00
Rails $420.00 Pipe 132.00 ties 12.50	564.50
Labor 55 days 1 miner 1 mucher tramer	1,815.00
Supervision 1 month	600.00
Trucking of materials contract job.	1,200.00
Misc expenses 15% of Total	883.43
Tunnel Total	$ 6,772.93

DIAMOND DRILLING

Geophysical survey 6 days @ $200.00	$ 1,200.00
Drilling spring and mineral zone 1,000 feet below tunnel portal	850.00
Underground drilling 1,000 feet @ $7.00	7,000.00
Surface drilling 800 feet @ $6.50	5,200.00
Sampling and supervision of drilling 2 months	1,200.00
Assaying 50 samples @ 2.50. Each	125.00
Trucking, drilling equipment $1.00 per mile	680.00
	$18,055.00

B. No road work needed

C. Work can start at once.
Progress 4-6 feet per shift by men who did past tunnel work by doing tunnel and shaft separately.

6. Miners who did past work will carry out future work.

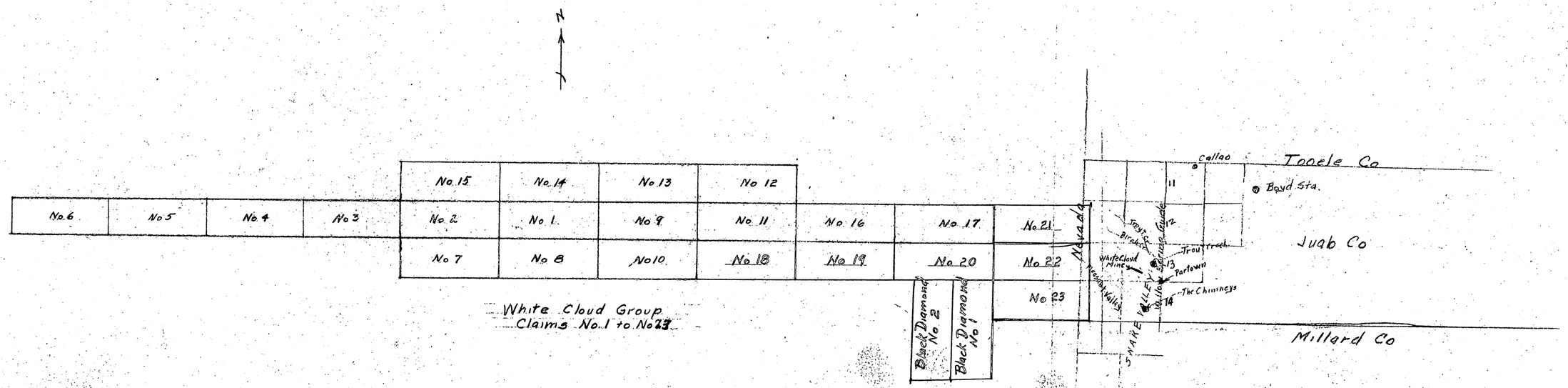
7. A.	Diamond drilling exploration work (underground) $7.00	$ 7,000.00
	Geophysical survey ahead of surface drilling	1,200.00
	Diamond drilling exploratory work(surface) @ $6.50	6,500.00
	Trans	680.00
	Trucking contract on mileage basis	1,200.00
B.	Supervision of operations $600.00/mo.	1,200.00
	Consultant if needed, Geol. $75.00 day and expenses	
	Geophysical survey and mapping $200.00 per day 6 days	1,200.00
	Miners 18.00 per day	
	Mucker and trammer 15.00 " "	
	Timberman 18.00 " "	
	Timberman Helper 15.00 " "	
C.	Misc. tools, picks, shovels, bars, etc. covered under misc. expense, grind for bits	125.00
D.	Compressor 315 Rental-purchase $4,500 @	600.00/mo
	Have drill and steel need jack-leg only	225.00
	Might need a heavier drill, drifted.	
E.	None	
F.	Office building $500.00 trailer-house(used)	
	Housing at Partown 6 miles from workings.	
	Shop for tools	125.00

225.00

G.	Sampling and assaying 50 samples (Au Ag Cu.)	$ 125.00
	Workmans compensation 4.8% of pay roll or	348.72
	Unemployment ins. 2.7% of payroll	196.16

Total for Loan

5.	Drilling, Total	16,055.00
	Shaft sinking	9,286.25
	Tunnel work	6,772.93
	Office trailer and shop	625.00
	Tools not covered in above 5, grinder and forge	125.00
	Total for complete job	$32,864.18
	Unemployment and compensations Ins.	544.88
	Grand total for complete job	33,409.06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Claims No. 1 to No 23
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Boyd Sta.
Juab Co
Millard Co
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Portland
The Chimneys
White Cloud mines
Pinchot
Trout Creek
Pleasant Valley
Willow Creek
Sevier River
SNAKE VALLEY
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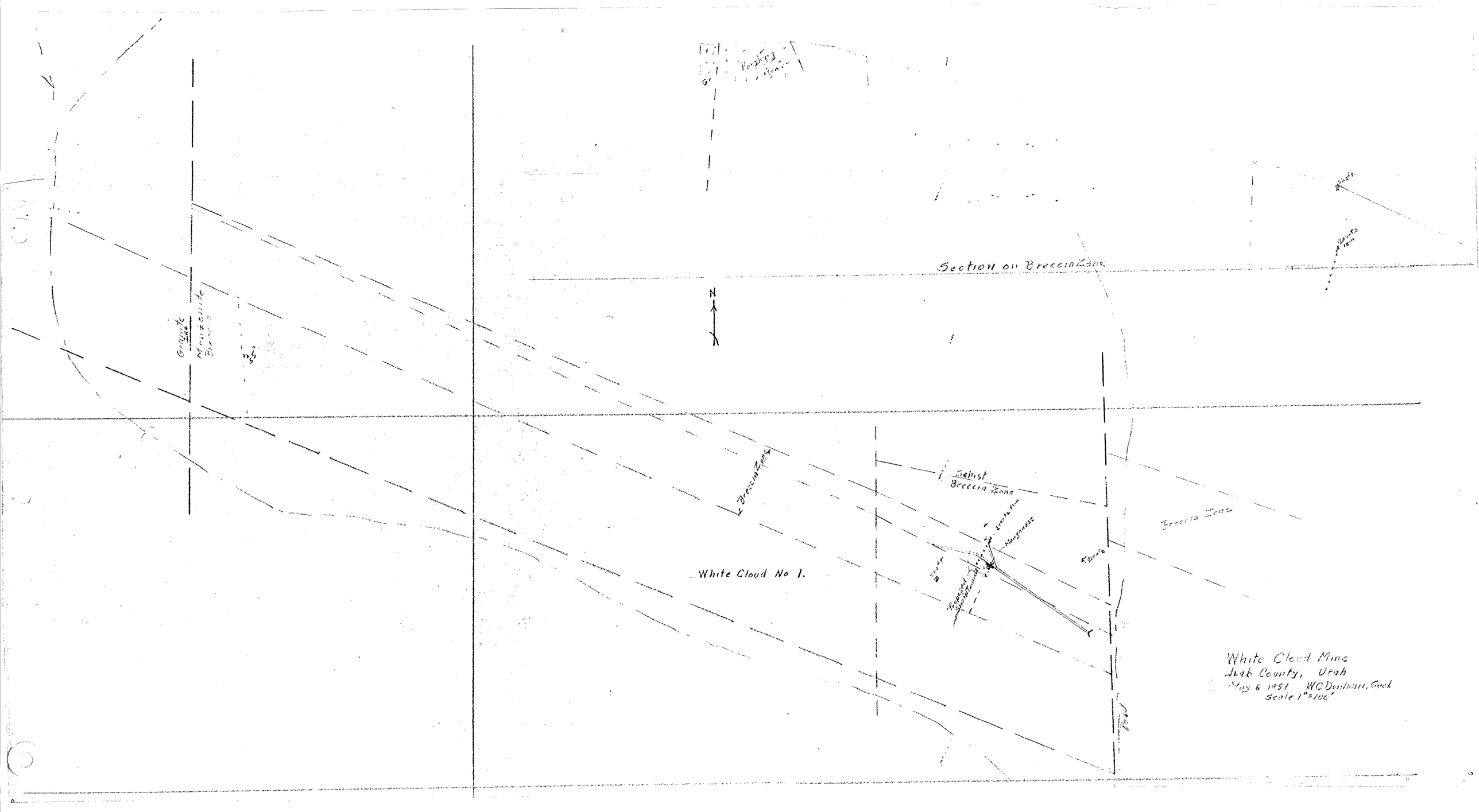
Section on Breccia Zone
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Breccia Zone
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Breccia Zone
White Cloud No 1.
White Cloud Mine
Juab County, Utah
May 6 1951 WC Dunham, Geol
Scale 1"=100'