DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 5063

Application
- [ ] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [X] Application and attachments

Right Side

- [ ] Project summary (final)
- [ ] Work Comoleted analysis (final)

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

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

Additional Folders:

Left Side

Folders No._____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with transmittal, narrative and maps.

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

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 19 1958
DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1605 Evans Avenue
Reno, Nevada

June 17, 1958

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application - Manganese
Humboldt Metals Company
Black Devil
Lander County, Nevada

Enclosed are three sets of MF-103, Application for Aid forms, relative to above subject. The fourth set has been retained in our files.

S. Ricker

Attachments

Form MF-103
Revised Oct. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR

Budget Bureau No. 42-R1035.3
Approval expires June 30, 1958

DEFENSE MINERALS EXPLORATION ADMINISTRATION

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

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

Humboldt Metals Co.
33 West 3rd Street
Winnemucca, Nevada

RECEIVED JUN 19 1958

APPLICANT NOT TO USE THIS BLOCK

Docket Number: DMEA-5063

Date Received: Reno 6/16/58 6-19-58

Government Participation %:

Region: II

Division Code: 400

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [ ]
- Partnership [X]
- Other (Specify) [ ]

State in which firm is organized:

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
Ray R. Whiting Jr.	6226-22nd N. E Seattle, Washington	Manager
Milton P. Roumm	1920 Calhoun, Seattle Wash.	
Albert M. Franco	1711 Smith Tower Bldg. Seattle Wash.	
Charles S. Fine	340 Stimson Bldg. Seattle Wash.	
Ruth Roumm	1920 Calhoun, Seattle Wash.	

Mineral(s) for which you wish to explore: Manganese

Estimated Cost of Project: $25,520.00

LOCATION OF PROPERTY

Name	County	State
Black Devil 1 & 2	Lander	Nevada

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order-I, Revised, "Government Aid in Defense Exploration Projects." 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 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. 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 2(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 Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA 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.

June 12, 1958
Dated

Ray R Whiting Jr
BY (Signature)

Mgr.
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. *Applicant's Property Rights:*

(a) 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 land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *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 lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as 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 on the property giving quantities and grades and sampling methods used, supporting 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 may have, indicating on each whether you require its return to you.

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the 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 *property boundaries* or to the closest identifiable corner.

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

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, 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. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. 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 operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *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 on the exploration project.

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

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(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 – No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. *(a)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Revised.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC., WASH., D.C. 25960

Humboldt Metals
Ray R. Whiting, Jr.
33 West 3rd Street
Winnemucca, Nevada

I NAME OF APPLICANT

A. Humboldt Metals
33 West 3rd St.
Winnemucca, Nevada

b. Partnership, organized under laws of the State of Nevada

c. Partnership

d. Ray R. Whiting, Jr.
8226-22nd N.E.
Seattle, Washington

Milton P. Roumm
1920 Calhoun
Seattle, Washington

Albert M. Franco
1711 Smith Tower Bldg.
Seattle, Washington

Charles S. Fine, M.D.
340 Stimson Bldg.
Seattle, Washington

Ruth Roumm
1920 Calhoun
Seattle, Washington

COPY
D M E R

Humboldt Metals
33 W. 3rd Street
Winnemucca, Nevada

3. (a) The Black Devil lode located mining claim lies in Southern part of the Wildhorse district on the eastern flank at the New Pass Mountain range about 70 miles South at Battle Mountain, Nevada. The Black Devil No 1 & 2 claims (see plate 2) will be located immediately.

(b) The Black Devil Manganese Claims.

(c) Wholly owned by outright purchase, & lode location.

(d) ----------

(e) Entirely free of any liens or encumbrances.

(f) Black Devil, recorded Dec. 18, 1957 on page 198 of Book L of Mining Locations records of Lander County, Nevada.

4. The prospect was discovered due to the presence of high-grade float and was first explored on the surface with a back-hoe to a depth of approximately 12 feet an orebody was discovered in the pit area (see plate 1) which dipped at approximately 20° N.E. This body averaged about 3½ ' in thickness. Subsequent pit mining proved the body to extent downdip laternally as shown on plate 1. This ore was continuous from the surface to the pit face.

(b) Present production consist of 53 long tons of hand screened ore shipped to the G.S.A., which assayed 47.66% Mn. approximately 300 tons of ore is stockpiled, grade about 34% Mn. and 20% S iO_2 + Al_2 O_3.

There are no proven or unmined ore reserves, except the face of ore in the pit (see Plate 1)

(c) This prospect lies in the low foothills of the New Pass Range, an area of very moderate relief. The rocks are entirely Tertiary acid volcanics. The footwall is a rather coarse grained acid flow rock, This rock is overlain in places by a thinbedded series of stratified volcanic ash & clays,

this constitutes the host rock and is almost completely replaced by manganese minerals in the pit area. This ash bed is overlain by acid tuffs. North east trending faults which are post tuff may have been the structural controls. This appears to be a lydrothernal type mineralization with selective deposition in the ash beds. Surface croppings of the acid flow, dip of the ash beds and general appearance of the area suggests the ash beds and tuffs may have accumulated in an erosian basin or fault basin before the manganese mineralization. This basin could cover an area of 500 feet sq. in Area 1 (see plate 2) and 300' by 500' in. Area 2.

(d) The nearest railhead and supply point is Battle Mountain, Nevada, which is 45 miles oiled highway and 25 miles of graveled county road. Travel south from Battle Mountain on highway 8A approximately 45 miles to the"Antelope Valley", turn right, proceed on the main traveled road for 21 miles and turn west on the Mc Coy Quicksilver road for 5 miles to the lower United Mercury or Mc Coy camp which is a group of buildings in the valley. Take a rather dim road south from the camp (not west to the Mc Coy Mine) about 2 miles and turn right for 2 miles which leads to the Black Devil Manganese claim. The dumps are visible from near the camp.

The unpaved road from 8A to the camp is probably posted by an Auction Company showing the route to the camp.

(e) Manpower, materials, and supplies are available in Battle Mountain, Nevada, water is avilable from a well 5 miles distant, power would have to be generated.

Humboldt Metals
33 W. 3rd Street
Winnemucca, Nevada

5. The mineral of interest to explore is manganese.

(b) The exploration program is divided into two phases; first a drilling program and if ore is found in justifiable quantities, a 100 foot shaft will be sunk to check the drilling results (see plate 3), for geological study and to determine best development proceedure.

The drilling project is divided into two areas (see plate 2).

The drilling in Area 1 is to explore the area north east of the pit (see plate 3), the drill holes to radiate on 75' feet centers from the pit and know surface croppings. The hole depths are uncertain; however, the known mineralization does not enter into the hard rhyolite footwall, therefore, unless mineralization is found to persist into this rock, it will be the bottom or stopping distant of each hole, from the collar.

The first row of holes near the pit are estimated to average 60' in depth, the remainder to average 100' in depth.

Area 2 will be gridded on 75' centers, below or downhill from the original discovery, an area of considerable float and spotted mineralization in the tuffs, no clayey ash beds are exposed; however, the dips and surface cropping of rhyolite suggest a basin to the North and East (see plate 4), therefore, these water layed clays may be deposited and furnish the known host rock for commercial mineralization. The first row of holes are estimated to average 50' in. depth, the second row 75' in depth, and the remainder 100' deep.

(c) The work will start within 30 days and be completed within 12 months from the date of an exploration project contract.

Humboldt Metals
33 W. 3rd Street
Winnemucca, Nevada

(d) Mr. Ray R. Whiting, Jr., will supervise the operations. Experience: three (3) years in the Primeville, Oregon Mercury district, working under the direction of Mr. R.R. Whiting, Jr. Three (3) years at Horse Heaven Mine, Ashwood, Oregon. Driving original mine tunnels in discovery of ore. Construction mill facilities, and production of ore. 1952 supervision of D.M.E.A. loan on Indian Creek Mercury Mine, Yakima, Washington.

Harry J. Trollope, Mining Engineer, Box 335, Winnemucca, Nevada, will serve as consultant engineer on the project, Education: B.S. Mining Engineering, University of Nevada, Experience: 5 years with Union Carbide as mining engineer, resident engineer and field engineer, one year as part owner and superintendent Triangle Mines Co., Bottle Creek District. Registered professional engineer, license No. 1132, State of Nevada.

6. (a) The known formations which overlie the ore zone is a rather soft acid tuff and could probably be drilled with an auger or mayhew type drill, but an estimate of churn and diamond drilling will be given in case this type drilling is not satisfactory.

<u>1st phase</u>

Auger or Mayhew type	4340'	at $3/ft.	= $13,020.00
Churn drilling	"	$5/ft.	= $21,700.00
Diamond "	"	$7/ft.	= $30,380.00

<u>second phase</u>

100' shaft sinking 4'x7' in the clear) at $125/ ft. (3 months) = $12,500.00

Total-both phases (Auger or Mayhew type drilling) = $25,520.00

(b) Supervision $500/ mo. for 7 months = $3,500.00
Consultant and engineer $500/ mo. for 7 months = $3,500.00

9. Analytical work - 100 manganese and silica assays $40 = $400.00

Humboldt Metals
33 W. 3rd Street
Winnemucca, Nevada

(cont.)
9. Contingencies = $1000.00

Total $33,920.00

F.B. Porter, Ch. E., Pres. J. B. Baird, Vice Pres. BP.Harper, B.S., Vice Pres

SOUTHWESTERN LABORATORIES
FORT WORTH DALLAS HOUSTON MIDLAND BEAUMONT

Fort Worth, Texas May 16, 1958 File No. 287.5

Report of tests on Manganese Ore

To GSA, San Francisco, California

Received from Humboldt Metals Date Rec'd 5/14/58

Identification Marks Cert. 9-501-1-WP-9396; GSA, GBL #1115557

Passing #20 Sieve	4.61%
Moisture	4.57%
CHEMICAL ANALYSIS ON DRY BASIS:	
Manganese	47.66%
Iron	1.85%
Silica	6.85%
Aluminum Oxide	1.35%
Phosphorus	0.25%
Copper	0.02%
Lead	0.02%
Zinc	0.01%

ORIGINAL FILE COPY
DMEA
RECEIVED JUN 10 1958

7cc: GSA
1cc: Mr. Geo. J. Jamison

SOUTHWESTERN LABORATORIES

/s/ F. B. Porter

Lab. No.
M-6976 & P-87535

INSTRUCTIONS FOR USE

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

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Use other side first

U.S. Government Messenger Envelope

tandard Form No. 65 (Rev. 1957)
romulgated by Bureau of the Budget Circular A-33 (Rev.)

NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM		NAME (OR TITLE) OF ADDRESSEE, AGENCY, ORGANIZATIONAL UNIT, ADDRESS, AND ROOM	
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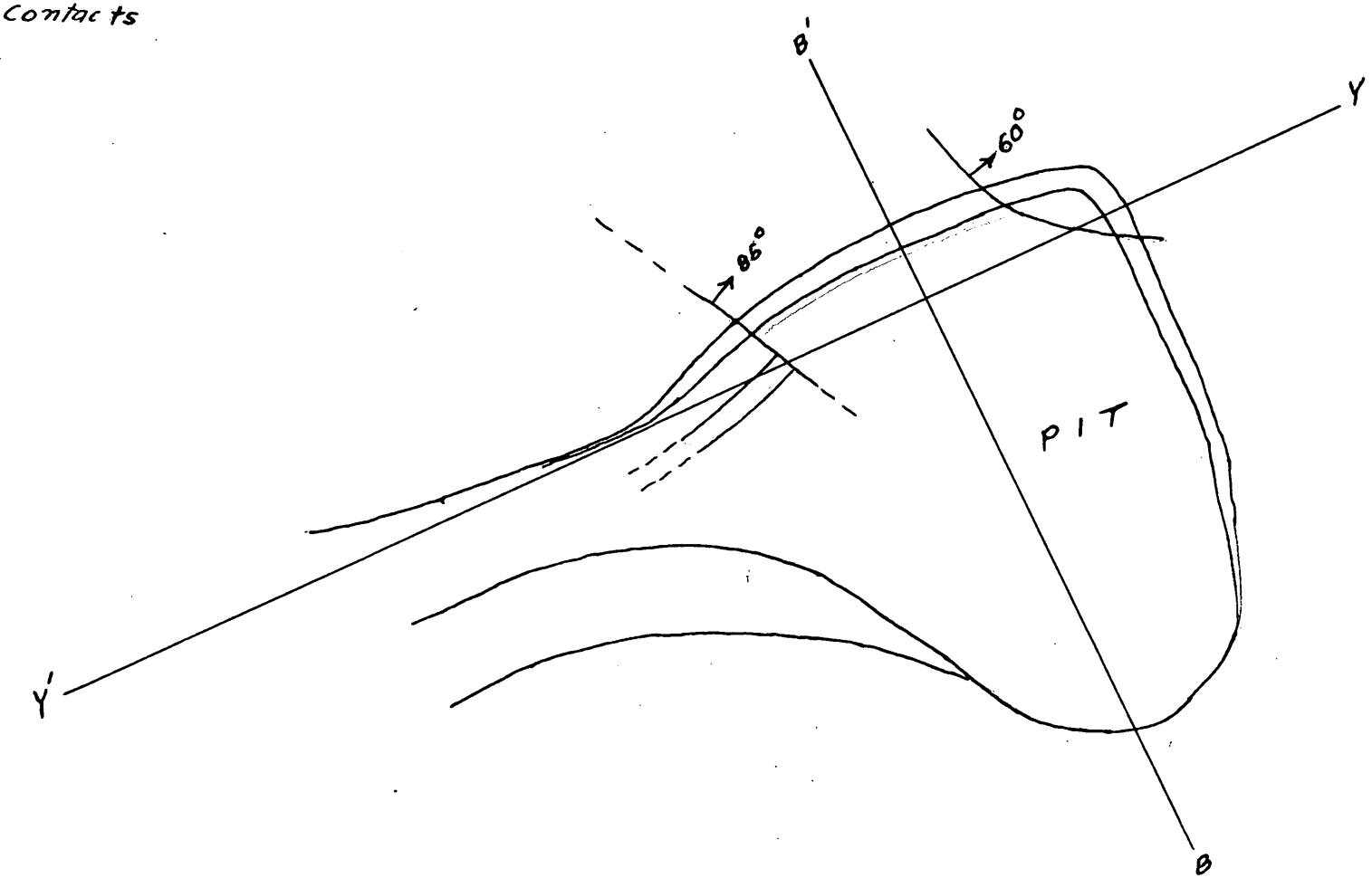
Use other side

Use STOP only when messenger service between Government buildings in Washington, D. C., is required or wherever a STOP system is used. Your mail room has STOP information.

Porphyritic Rhyolite
Manganese Bed (Replaced Clayey Ash)
Rhyolitic Tuffs & Mantle
—— Pit outline & Faults
--- Inferred Contacts



BRUNTON SKETCH
BLACK DEVIL
MANGANESE
Lander Co., Nev.
Scale: 1" = 30'
H. Trollope ~ 5/24/58

PLATE 1

OFFICIAL FILE COPY
D M E A
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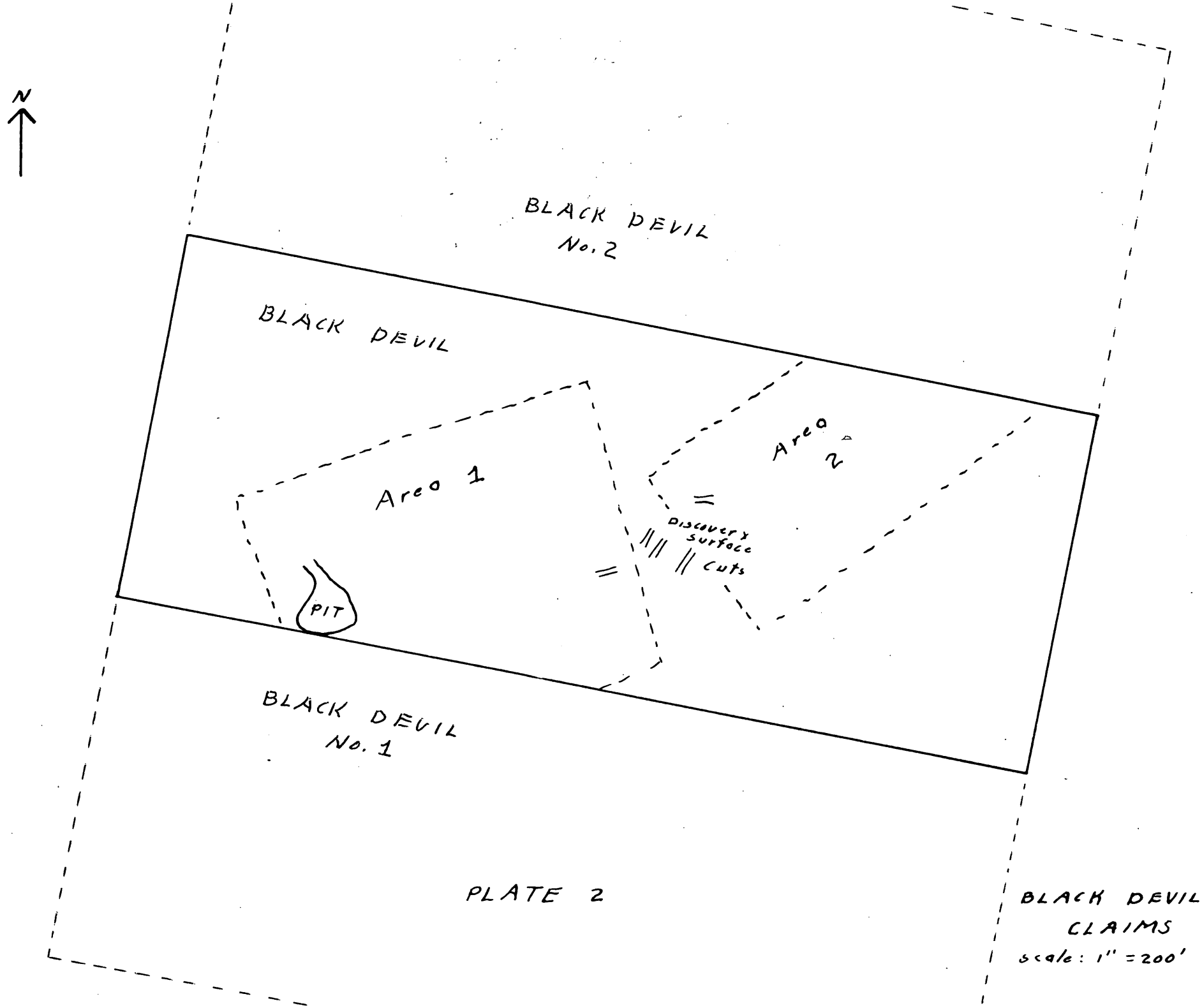
DATE	INITIALS	CODE


N
BLACK DEVIL
No. 2
BLACK DEVIL
Area 1
Area 2
Discovery
surface
cuts
PIT
BLACK DEVIL
No. 1
PLATE 2
BLACK DEVIL
CLAIMS
scale: 1" = 200'

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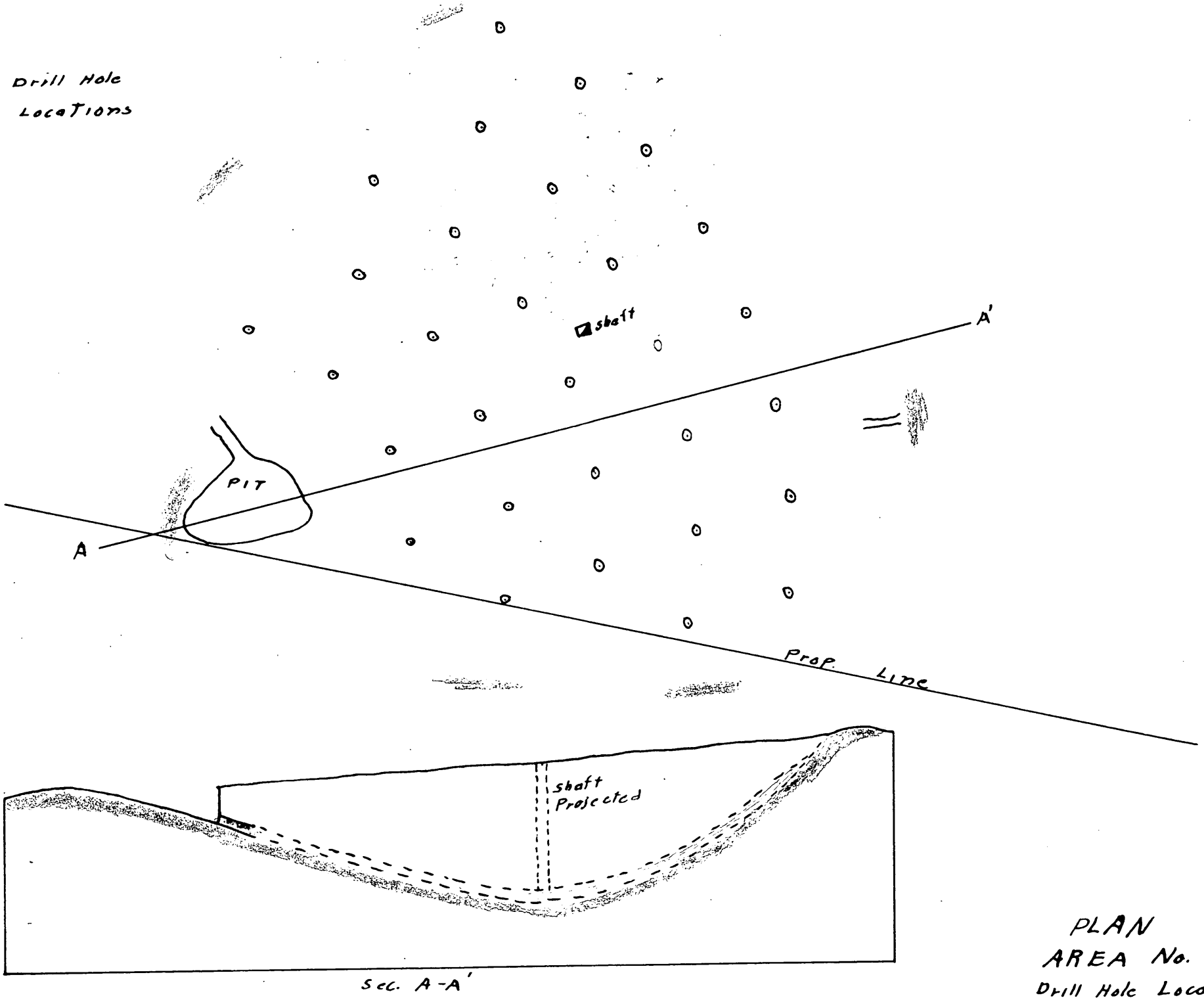
DATE	INITIALS	CODE



PLAN
AREA No. 1
Drill Hole Locations
Scale: 1" = 100'

PLATE 3

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DATE	INITIALS	CODE

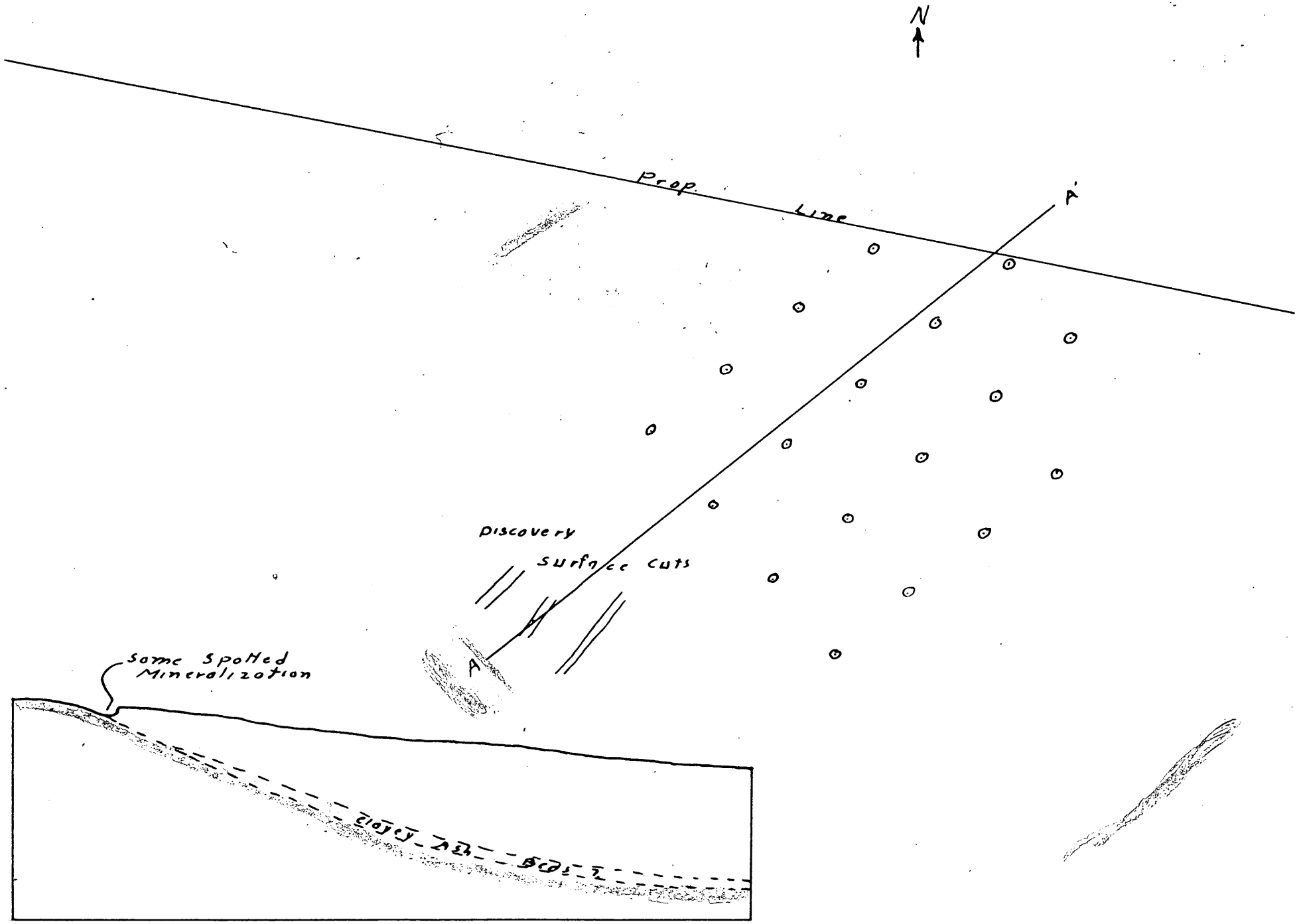
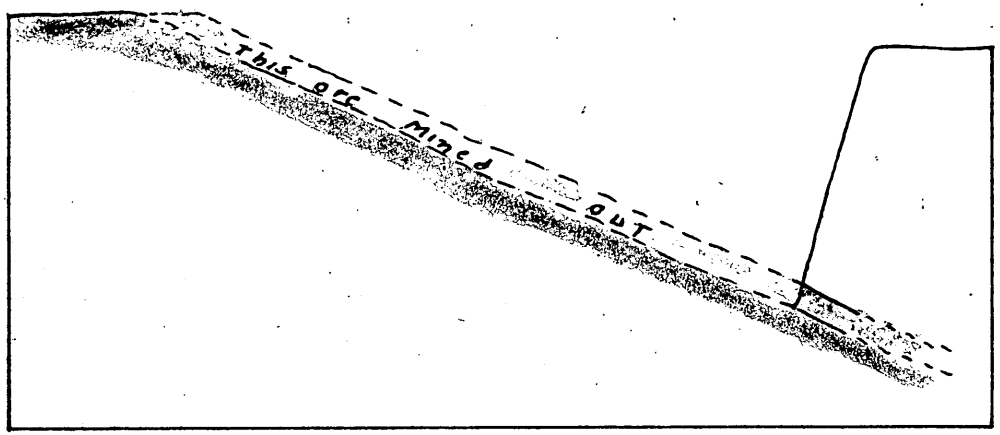


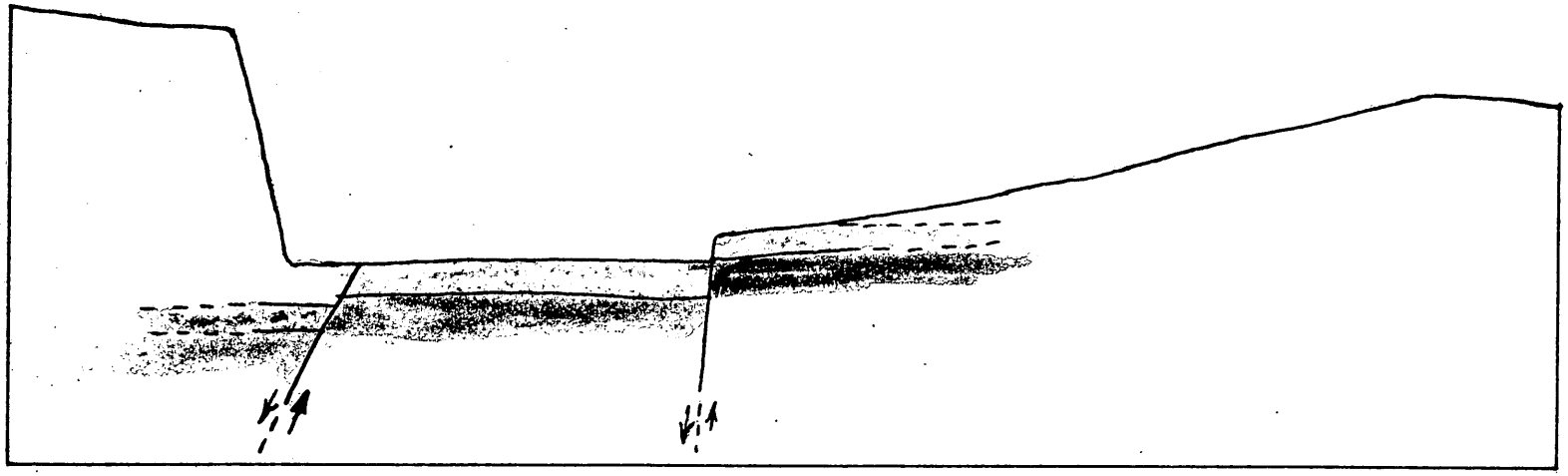
PLATE 4

PLAN
AREA No. 2
Drill Hole Locations
scale: 1" = 100'

FILE COPY



Sec. B-B'



Sec. Y-Y'

(Partly Projected to Pit Wall)

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DATE	INITIALS	CODE

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

January 31, 1959

Memorandum for Docket

Subject: Withdrawal of Pending DMEA Applications

Effective this date, this pending DMEA application is considered withdrawn for statistical purposes.

If, at a later date, the applicant requests reconsideration under the OME program, all pertinent material in the DMEA file should be transferred to the new OME docket.

Frank E. Johnson
Frank E. Johnson
Acting Director

4/21/59: No answer received to our letter of March 9, 1959.
Docket sent to Mails & Files.

Docket 6-063
Humboldt Mining Co.

Denial - but held
for special treatment
under formula, etc.

George Langsner not a denial
12/20/58

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
3-6	Hoff	400
3/6	Martin	400
3/6	Selfridge	420
		110
3/9	C	225
		400

Mr. Milton P. Rowns
c/o Mr. Richard G. Campbell
Attorney at Law
33 West Third Street
Winnemucca, Nevada

Re: Docket No. DMEA 5063 - Manganese
Humboldt Metals Company
Black Devil claims
Lander County, Nevada

Dear Mr. Rowns:

Reference is made to our letter of January 30, 1959, regarding action required to make your DMEA application eligible for consideration under the GME regulations.

We wish to cooperate with you in allowing ample time to complete such action; but, if we do not hear from you within 30 days from the date of this letter, we will assume that you are no longer interested in proceeding with your application, and we will consider it as having been withdrawn.

Sincerely yours,

(signed) FRANK E. JOHNSON (fh)

Acting Director

WSMARTIN:foc
3-6-59
cc to: Code 400
Director's Read. File
FT. REG. II
Gilbert DeHuff, USBM
T. H. Kiilsgaard, USGS

43683

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/16	Martin	400
1/29	[illegible]	120
		110
1/30	C	225
		400

JAN 30 1959

Mr. Milton P. Rouum
c/o Mr. Richard G. Campbell
Attorney at Law
33 West Third Street
Winnemucca, Nevada

Re: Docket No. DMEA 5063 - Manganese
Humboldt Metals Company
Black Devil claims
Lander County, Nevada

Dear Mr. Rouum:

In compliance with your request of October 24, 1958, and our reply of October 29, 1958, there are enclosed a copy of the regulations of the Office of Minerals Exploration and a set of application forms.

We have reviewed your application for exploration assistance under the DMEA program. If processing of your application had been completed before June 30, 1958, when the DMEA program was terminated, we could not have approved a project on your property.

After carefully reading the OME regulations and application form, if you desire to apply for Federal financial assistance under this program, it will be necessary for you to submit additional information indicating the possibility of making a worthwhile discovery; otherwise we will be unable to approve any assistance based upon the information now at hand.

Please note that under the new program the Government would not contribute more than fifty (50) percent of the total allowable costs of the exploration specified in a contract if one should be approved.

Also, please note that your signature on the new form certifies that you would not ordinarily undertake the proposed exploration at your sole expense under current conditions or circumstances. The information requested in Item 1(a) is used to determine your financial eligibility under the new exploration program. Data submitted with your DMEA application need not be repeated in the OME application, but should be revised or supplemented as necessary.

If you do not wish to participate in the OME program, we shall appreciate being so informed.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Enclosures

cc to: FT. REG. II (2)
Gilbert DeHuff, USBM
T. H. Kilsgaard, USGS

WSMARTIN:foc:esf 1-16-59
cc to: Code 400
Director's Read. File

8623

DRAFT
FEJohnson/bih
Jan. 15, 1959

Mr. Oldfield

Mr. Milton P. Roumm
c/o Mr. Richard G. Campbell
Attorney at Law
33 West Third Street
Winnemucca, Nevada

Re: Same

Dear Mr. Roumm:

In compliance with your request of October 24, 1958, and our reply of October 29, 1958, there are enclosed a copy of the Regulations of the Office of Minerals Exploration and a set of application forms.

We have ~~reviewed~~ your application for exploration assistance under the DMEA program. If processing of your application had been completed before June 30, 1958, when the DMEA program was terminated, we could not have approved a project on your property.

After carefully reading the OME Regulations and application form, if you desire to apply for Federal financial assistance under this program, it will be necessary for you to submit additional information indicating the possibility of making a worthwhile discovery; otherwise we will be unable to approve any assistance based upon the information now at hand.

Please note that-(copy all of 3rd paragraph)

Also please note-(Copy all of 4th paragraph)

If you do not wish to participate in the OME program, we shall appreciate being so informed.

Sincerely yours,

Please Save this

Acting Director

Enclosure

NAME	ADDRESS	TELEPHONE NO.
KLUKEMSCHEID, Walter P.	6608 Millwood Rd., Kenwood Park, Bethesda 14, Maryland	OL 4-3234
KNOUSE, Frederick L.	230 Glenmont-Woleville Rd., Silver Spring, Md.	WH 2-7455
LONG, Robert W.	9203 Bulls Run Parkway, Bethesda, Md.	OL 6-7185
MARCHAND, Mrs. Betty J.	22 Atlantic St., S.E., Apt. 11, Wash. 20, D.C.	JO 1-4379
MAINSTER, Mrs. Irene Z.	1820 Clydesdale Place, N.W., Apt. 402, Washington 10, D. C.	DE 2-5385
MARTIN, Williams S.	2915 Que St., N.W., Washington 7, D. C.	HO 2-7194
MAYOR, George	16 Fuente Ave., San Francisco 27, Calif.	
MITTENDORF, C. O.	4631 Brandywine St., N.W., Washington 16, D.C.	EM 2-5967
MOTSINGER, Miss Dosia L.	2106 F Street, N.W., Washington 7, D. C.	DI 7-7090
MURPHY, F. M.	501 Greenlawn Dr., Apt. 300, Hyattsville, Md.	JU 5-6361
O'CONNELL, Mrs. Frances C.	4723 First St., S.W., Apt. 103, Wash. 24, D.C.	JO 2-5560
PAZUM, Mrs. Elizabeth	3926 W St., N.W., Apt. 4, Washington 7, D.C.	EM 2-8994
RUBIN, Henry C.	2421 Lillian Drive, Silver Spring, Md.	LO 4-7792
SELFRIDGE, George C.	1053 - 26th St., South, Arlington, Va.	OT 4-7125
SPAHITZ, Miss Margaret F.	2114 - 37th St., N.W., Washington 7, D.C.	EM 2-1023
TALBERT, E. Dallas	Franklin Manor Beach, Churchton, Maryland	UN 7-2375
TURNER, Charles A.	937 E. 35th Ave., Spokane 36, Washington	
WEBSTER, Miss Frances L.	4120 N. 3rd Road, Apt. 3, Arlington 3, Va.	JA 2-6861

EXECUTIVE OFFICERS

A. E. Weissenborn	West 519 - 24th Avenue, Spokane 41, Washington
Spangler Ricker	175 Bret Harte, Reno, Nevada
William H. King	6620 E. 17th Avenue, Denver, Colorado
E. N. Harshman (Acting)	224 New Customhouse Bldg., Denver 2, Colorado
Clinton C. Knox	Route 4, Box 597, Carthage, Missouri
Robert A. Laurence	320 Kingston Court, S.W., Knoxville 16, Tenn.

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
1/13	Martin	400
		120
		110
		225
		400

Mr. Milton P. Roumm
c/o Mr. Richard G. Campbell
Attorney at Law
33 West Third Street
Winnemucca, Nevada

Re: Docket No. DMEA 5063 - Manganese
Humboldt Metals Company
Black Devil claims
Lander County, Nevada

Dear Mr. Roumm:

Enclosed is a copy of the new Office of Minerals Exploration regulations prescribing the manner for obtaining and conditions governing Federal assistance in financing mineral exploration.

If you wish to have your partly-processed DMEA application considered under the OME regulations, you should complete and return four copies of the attached application, MME Form 60.

Under the new program the Government ~~would not~~ can contribute not more than fifty (50) percent of the total allowable costs of the exploration specified in a contract if one should be approved.

Please note that your signature on the new form certifies that you would not ordinarily undertake the proposed exploration at your sole expense under current conditions or circumstances. The information requested in Item 1(a) is used to determine your financial eligibility under the new exploration program. Data submitted with your DMEA application need not be repeated in the OME application, but should be revised or supplemented as necessary.

If you do not wish to participate in the OME program, we shall appreciate being so informed.

Sincerely yours,

Acting Director

Enclosure

cc to: FT. REG. II (2)
Gilbert DeHuff, USBM
T. H. Kilsgaard, USGS

WSMARTIN:foc 1-13-59
cc to: Code 400
Director's Read. File

43683

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
10/29	Martin	400
10/29	Selbergs	120
"	Johnson	110
10/29	C	225
		400

OCT 29 1958

Mr. Milton P. Roumm
% Mr. Richard G. Campbell
Attorney at Law
33 West Third Street
Winnemucca, Nevada

Re: Docket No. DMEA 5063 - Manganese
Humboldt Metals Company
Black Devil claims
Lander County, Nevada

Dear Mr. Roumm:

We regret that the application form requested in your letter of October 24, 1958, is not yet ready for distribution.

When the new regulations are published in the Federal Register, which is expected to be at an early date, copies will be sent to you. The necessary application forms will also be sent to you as soon as these are available.

Sincerely yours,

FRANK E. JOHNSON

ACTING Director (B.H.)

WSMartin:foc
10-29-58
cc to: Director's Read. File
FT. REG. II
Gilbert DeHuff, USBM
T. H. Kiilsgaard, USGS

8623

33 WEST THIRD STREET

TELEPHONE
MADISON 3-2273

RICHARD G. CAMPBELL
ATTORNEY AT LAW
WINNEMUCCA, NEVADA

October 24, 1958

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 27 1958

DATE		
10/27	C	220
10/27	WSM	400

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

Re: Docket No. DMEA-5063 (Manganese)
Black Devil Claims
Lander County, Nevada

Gentlemen:

As per your letter to Humboldt Metals Company dated September 19, 1958, would you please forward the new application form under the new program.

Sincerely,

Milton P. Roumm

attn: Milton P. Roumm
33 West Third Street
Winnemucca, Nevada

MPR:hh

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
	Martin	400
		100

SEP 19 1958

Humboldt Metals Company
33 West 3rd Street
Winnemucca, Nevada

Re: Docket No. DMEA-5063 (Manganese)
Black Devil Claims
Lander County, Nevada

Gentlemen:

As you have an application for exploration aid pending in our office, perhaps you may wish to study the proposed OME regulations and comment on them before October 17 as provided in the first paragraph of the enclosed notice reprinted from the Federal Register of September 17.

Some time after October 17 when the final regulations become effective, we will send you the new application form so you may furnish any additional information necessary to process your application for aid under the new program.

Sincerely yours,

R. D. Nichols

ACTING Director

Enclosure

WSMartin/GMcC
September 19, 1958

cc: Director's Reading File
Docket
Oper. Comm.
Field Team, Region II (2)

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
8-26	Martin	400
8-26	Chapman	400
8/29	[illegible]	110
29	[illegible]	100
		400

August 26, 1958

MEMORANDUM

To: Administrator, DMEA

From: Division of Iron and Ferro-Alloys, DMEA

Subject: Denial of the subject application for exploration assistance for the amount of $25,520.00 or $33,920.00.
Docket No. DMEA 5063 - Manganese
Humboldt Metals Company
Black Devil claims
Lander County, Nevada

The processing of this application was not completed prior to June 30, 1958. However, had the processing been completed, we would have been unable to recommend a project based on the information available to us in Washington concerning the property. The application is being held in abeyance in case the applicant wishes to re-apply under the new regulations.

The above-noted property was the subject of a request dated June 12, 1958, for exploration assistance, at an estimated cost of either $25,520.00 or $33,920.00 for Augur or Mayhew type drilling.

A field examination of the property was made on June 11, 1958, by Henry W. Jones, Bureau of Mines, accompanied by Harry J. Trollope, Mining Engineer, representing the Company.

A second examination was made on June 24, 1958, by Roscoe M. Smith and H. K. Stager, Geological Survey.

Applicant: Humboldt Metals Company
33 West 3rd Street
Winnemucca, Nevada

Property Ownership: The property consists of the Black Devil unpatented lode mining claim, purchased and owned outright by the Applicant. The Black Devils 1 and 2 are to be located. The Black Devil is recorded in Book L, Page 198, Book of Locations, in projected T. 22 N., R. 40 E., in the Wildhorse Mining District, Lander County, Nevada.

8623

Geology: The oldest exposed rocks of the area are flows and welded tuffs of andesite and minor rhyolite of probable Tertiary age. Overlying the flows and tuffs is an ashy volcanic agglomerate consisting of fragments of andesite, rhyolite and basalt. Overlying the agglomerate are thin bedded lake bed sedimentaries. The manganese bodies are near the top of the volcanic agglomerate.

The rocks are cut by numerous faults that are vertical or steeply dipping to the southeast. The fault displacement is generally less than 5 feet.

The manganese deposits are replacements of volcanic tuff and agglomerate. The manganese ore is psilomelane occurring as botryoidal and stalactic masses enclosed in clay and ashy shale.

Ore Values and Tonnage:

Samples taken at the mine are as follows:

Sample No.	Percent Mn.	Percent SiO_2	Width Ft.	Description
610	44.7	6.99	2.4	South end pit
611	46.2	8.02	3.0	SE end pit, near fault zone.
612	36.6	22.46	4.0	Center pit. Wad
613	34.1	17.27	4.0	NE cor. pit.Deepest part of pit.
614	36.8	15.65	Grab	Unsorted ore on dump about 150 tons.
615	47.8	6.82	Grab	Sorted ore, ½ ton
616	35.3	15.16	Grab	Discard, 150 tons
617	25.9	29.00	5.0	Mn. nodules in loose material at discovery

Reserves are estimated as follows:

Class	Long tons	Percent Mn.
Measured	100	39.0
Indicated	800	35.0
Inferred	10,000	35.0
Total	10,900	35.0

Development:

The property is developed by an open pit 85 feet long by 80 feet wide by 25 feet deep at the east end and six trenches 12 feet long to 12 feet in depth.

Past History
and Production:

Finding high grade float in 1954 led to the discovery of the property. In 1957 John Eagle and Glen York relocated the Black Devil claim and in 1957 the claim was sold to the applicant.

About 350 tons of ore have been mined from the property and 53 long tons were sorted and shipped to General Services Administration, assaying 47.66 percent manganese.

Conclusions and
Recommendations:

The field examiners conclude that 10,900 tons of 35 percent manganese ore can be inferred in a zone that can be mined economically, but that there is not enough tonnage to warrant a mill for up-grading and recommends that the application be denied. The Field Team concurs in the recommendation of the examiners, but after discussion believe that the property may warrant future consideration.

The Commodity Division of the Geological Survey concurs in the recommendation for denial of the application.

The Commodity Division of the Bureau of Mines believes that the application could be denied, with specifications that it might be given further consideration under the new regulations.

This Division believes that the application should have further consideration under the new regulations.

W S Martin
W. S. Martin, Director
Division of Iron and Ferro-Alloys

TLCHAPMAN/dlm 8-26-58
cc to: Docket
Code 110
Admr. R. File
Oper. Comm.

DMEA RECEIVED AUG 12 1958		
DATE	INITIALS	CODE
8/12	J.L.S.	225
8/12	GLD	400

August 11, 1958

5063

Manganese
Whiting, Roumm, Franco & Fine
Black Devil
Lander Co., Nev.
$25,520

W. S. Martin, DMEA

G. L. DeHuff, Jr., Commodity Specialist
Branch of Ferrous Metals and Ferroalloys

Field Team Report

[illegible] 7/21/58 [illegible] 7/28/58

[illegible]

Please see my 6/24/58 memo

[illegible]

[illegible] The grade and estimated reserves for this deposit are better than that for some others which have received DMEA manganese money in the past. If the examining team's conclusions are justified, it seems to me that they

(over)

might have made a stranger case for them in the back-up material of the report. Ricker's memo suggests, however, that the property might be more worthy of exploration than the examining team's conclusions indicate.

Perhaps subject application should be denied with the suggestion that a new application under a new DMEA program might have a better chance after applicant has done a bit more mining and can submit a specific well thought-out exploration program which is not out of proportion to the potentialities of the property.

G L Dethloff Jr.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

August 1, 1958
Re: DMEA 5063
Humboldt Metals Company
Black Devil Manganese Claims
Lander County, Nevada
$33,920.00 - Manganese

8/5 N.g. 225
8/5 WSM 400

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Report

The applicant requested assistance in exploring 2 saucer-like bedded manganese deposits by drilling and shaft sinking. A carload shipment of sorted material contained 47.66% manganese.

The ore occurs as lenses partly replacing volcanic tuffs and agglomerates in ashy lake bed sediments. The lenses are up to 5 feet thick and 10 to 15 feet long. Open cut mining has removed the ore for a length of 80 feet and down the 25° dip for 50 feet. The pit yielded about 350 tons indicating about a 6:1 ratio of waste to ore and an average thickness of about 10 inches for the mineralized bed.

The examiners estimate the reserves as:

Class	Long tons	Grade (percent Mn.)
Measured	100	39
Indicated	800	35
Inferred	10,000	35
Total	10,900	35

About 300 tons of ore which contain about 36 percent Mn. is stockpiled at the mine.

As the ore dips at about 25°, the thickness of overburden increases rapidly and open cut mining will not be feasible. Neither does it appear that underground mining might be profitable.

The recommendation of the examiners that the application be denied is apt. I concur with it.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1605 Evans Avenue
Reno, Nevada

July 21, 1958

DMEA
RECEIVED JUL 24 1958

DATE	INITIALS	CODE
7/24	C	220
	esf	130
7/29	CO	220
	WSM	400

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-5063 (Manganese)
Humboldt Metals Company
Black Devil Manganese Claims
Lander County, Nevada

Enclosed are three copies of a report by H. W. Jones, Bureau of Mines, and Roscoe M. Smith and H. K. Stager, U. S. Geological Survey.

I concur with the recommendation that the application be denied. However, upon discussing the property with the examiners, I find that we believe that the property may deserve future consideration depending on the scope of any new act that Congress may pass pertaining to continuation of Government participation in exploration.

A tonnage of around 11,000 tons of 35 percent manganese content is inferred which for manganese ore is above the average tonnage and grade in this region, and some inexpensive method of upgrading may be devised.

S. Ricker

Attachments

Reviewed by
DMEA OPERATING COMMITTEE
7/29/58
(date)

BUREAU OF MINES
WASHINGTON, D. C.
JUL 23 10 23 AM '58

ORIGINAL FILE COPY
DMEA
RECEIVED JUL 24 1958

DATE	INITIALS	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-5063 (Manganese)
Humboldt Metals Company
Black Devil Manganese Claims
Lander County, Nevada

by

Henry W. Jones
U. S. Bureau of Mines

Roscoe M. Smith
H. K. Stager
U. S. Geological Survey

July 17, 1958

Reviewed by
DMEA OPERATING COMMITTEE
7/29/58
(Date)

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Introduction	1
Conclusions and Recommendations	1
Location, Accessibility, and Local Resources	3
History, Property, Development, and Production	3
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Ore Deposits	6
Sampling	7
Ore Reserves	8

ILLUSTRATIONS

Figure 1 . . . . . Index map

Figure 2 . . . . . Sketch map

INTRODUCTION

Humboldt Metals Company, 33 West Third Street, Winnemucca, Nevada, applied for Government assistance in a $33,920.00 program under the Defense Minerals Exploration, Docket No. DMEA-5063 to explore for manganese at the Black Devil Manganese Claims, Lander County, Nevada.

The applicant believes several thousand tons of ore are present in a shallow block of ground. Part of the ore is of sufficient grade to be shipped direct to the Government stockpile and part amenable to upgrading with jigs and tables.

Due to the urgency of examining properties before June 30, this examination was made, without awaiting referral from the Operating Committee, by Henry W. Jones, U. S. Bureau of Mines, on June 11, 1958, accompanied by Harry J. Trollope, Mining Engineer, representing the Company.

A second examination was made June 24, 1958 with Roscoe M. Smith and H. K. Stager, U. S. Geological Survey.

CONCLUSIONS AND RECOMMENDATIONS

The shallow dipping deposit occurs near the top of a volcanic agglomerate and is overlain by water-laid ash beds.

Discontinuous lenses within the deposit contain an estimated aggregate of 10,900 tons of 35 percent manganese. The lenses can be selectively mined to shallow depths by open pit methods and commercial grade manganese obtained by sorting and screening the finer material. The cost of stripping overburden from the deepening and discontinuous beds, however, would soon become too great to warrant economic mining. Some exploration is no doubt desirable to determine the extent of mineralization at moderate depths where open pit mining is feasible. However, the extent and geological setting of the deposit indicates that reserves are insufficient to warrant an exploration program.

A concentrating plant would be necessary to bring most of the material to acceptable standards but ore reserves are insufficient to justify the cost of a plant. Manganese exposures at other parts of the property are too small and discontinuous to justify exploration.

We recommend that the application for Government assistance be denied.

LOCATION, ACCESSIBILITY, AND LOCAL RESOURCES

The Black Devil Claims are in an unsurveyed part of Lander County, a few miles southeast of the common corner of that county with Pershing and Churchill Counties. They are in projected T. 22 N., R. 40 E., in the Wildhorse Mining District on the low north end of the New Pass Range. To reach the area from Battle Mountain, Nevada, travel south on paved State Highway No. 8A for 46 miles, west on improved Antelope Valley dirt road ~~3.6~~ 21.6 miles to the mine camp, then left (south) through camp on a poorly marked road 3.3 miles to the mine.

The property is easily accessible throughout the year except during short periods of wet winter weather. Labor for mining purposes can be obtained in Battle Mountain or at Austin, as well as mining materials and supplies necessary for small operations. Water must be obtained from a well five miles distant. The nearest railroad siding is at Battle Mountain, 61 miles by road.

HISTORY, PROPERTY, DEVELOPMENT, AND PRODUCTION

Finding high grade float led to the discovery of the property in 1954 by G. M. Packard and W. L. Peterson. In September 1957, John Eagle and Glenn York relocated the Black

Devil Claim and dug two shallow pits on the outcrop. The present owners purchased the claim in January, 1958 and prospected the area by trenching. The adjoining Black Devil Claims Nos. 1 and 2 were recently located by the applicants. All claims are recorded in the Lander County Courthouse at Austin, Nevada.

The property is developed by an open pit 85 feet long by 80 feet wide by 25 feet deep at the east end and six trenches dug to 12-foot depth with a back hoe trencher.

About 350 tons of ore have been mined from the pit from which 53 long tons were sorted and screened to plus-one inch in size. A carload shipment sent to General Services Administration stockpile contained 47.66 percent manganese. No work has been done since May, 1958. The ratio of ore mined to product shipped was 6:1.

GEOLOGIC SETTING

The Black Devil Claims are in an area of low, rolling, alluvium-covered hills and, except for small local outcrops of volcanic flows, exposures are poor.

The oldest rocks exposed are flows and welded tuffs of andesite and minor rhyolite of probable Tertiary age. A few

miles west of the mine area, these rocks overlie Middle and Lower Triassic sedimentary rocks. The andesite is allight-reddish brown, medium-grained, flow-banded variety and crops out as thin to massive flows that strike north and dip about 15-25 degrees east. The rhyolite occurs as dark-gray to buff, fine-grained to coarsely perlitic flows and as thin beds of welded tuff. Overlying the volcanic flows and tuffs is an ashy volcanic agglomerate consisting of fragments of andesite, rhyolite, and basalt. Bedding in the agglomerate is indistinct but, in general, strikes northeast and dips gently east. Overlying the agglomerate in the mine area are thin bedded lenticular lake sediments consisting of fine pumiceous silt and ash beds interbedded with pebble conglomerate. These sediments strike northwest and dip about 20 degrees northeast. The manganese ore bodies are near the top of the volcanic agglomerate.

The rocks are cut by numerous faults that strike northeast and are vertical or dip steeply southeast. Displacement on these faults is less than five feet in the mine area with the southeast side down.

ORE DEPOSITS

The deposit consists of lenses of manganese-rich material which has partly replaced volcanic tuffs and agglomerates in ashy lake bed sediments. The lenses have been tilted and are cut by steep, northeast striking faults (Fig. 2).

The only manganese ore material that was seen is psilomelane which occurs as botroidal and stalactitic masses enclosed in clay and ashy shale, intimately mixed with fragments of volcanic rocks. Locally, it partly replaces small masses and fragments of brown, finely orbicular to glassy, flow-banded obsidian. Gouge minerals are limonite, secondary silica, and several unidentified clay minerals.

The ore bodies that have been mined consist of lenses of manganese-rich material one to five feet thick, and 10 to 15 feet long, which have been mined down a dip of about 25 degrees for as much as 50 feet. They crop out at the surface and have been mined to a vertical depth of about 25 feet.

Several small concentrations of manganese-rich float in alluvium have been exposed by trenching northeast of the main deposit (Fig. 2) but these are too small to justify mining.

SAMPLING

Eight samples were taken from exposures in the pit and trench and from stockpiles of material on the site. Sample locations are shown on Figure 2.

Sample No.	Percent Mn.	Percent SiO_2	Width Feet	Description
610	44.7	6.90	2.4	South end of pit on lens
611	46.2	8.02	3.0	SE end of pit adjacent to fault zone.
612	36.6	22.46	4.0	Center of pit, soft wad ore.
613	34.1	17.27	4.0	NE corner of pit, deepest portion of pit.
614	36.8	15.65	Grab	Unsorted ore on dump, represents about 150 tons.
615	47.8	6.82	Grab.	Half ton sorted ore, represents ore shipped.
616	35.3	15.16	Grab	Discard pile 150 tons. Screened material - 1 inch.
617	25.9	29.00	5.0	Manganese nodules in loose material at discovery point.

A composite sample of Nos. 610-617, excluding No. 616, assays as follows: 6.82 percent Fe., 9.164 percent P., 0.017 percent S., 3.00 percent Al_2O_3. No. 616 assayed as follows: 4.12 percent Fe., 0.194 percent P., 0.03 percent S., and 2.03 percent Al_2O_3.

Chemical analyses of the G.S.A. shipment, supplied by the applicant, is as follows: 47.66 percent Mn., 1.85 percent Fe., 6.85 percent SiO_2, 1.35 percent Al_2O_3, 0.25 percent P., 0.02 percent Cu.

ORE RESERVES

Reserves at the Black Devil Mine are summarized as follows:

Class	Long tons	Grade (percent Mn.)
Measured	100	39
Indicated	800	35
Inferred	10,000	35
Total	10,900	35

About 300 tons of ore which contain about 36 percent Mn. is stockpiled at the mine.

The measured ore averages about four feet thick and is contained in unmined segments of the ore body exposed in the pit (Fig. 2). The indicated reserves are contained in a block four feet thick, 100 feet long, and projected down dip for 25 feet. In an area 200 feet wide and 500 feet long, extending northeast from the pit, it is inferred that there may be as much as 10,000 tons of ore in continuous or discontinuous lenses and layers similar to the ore that has been mined.

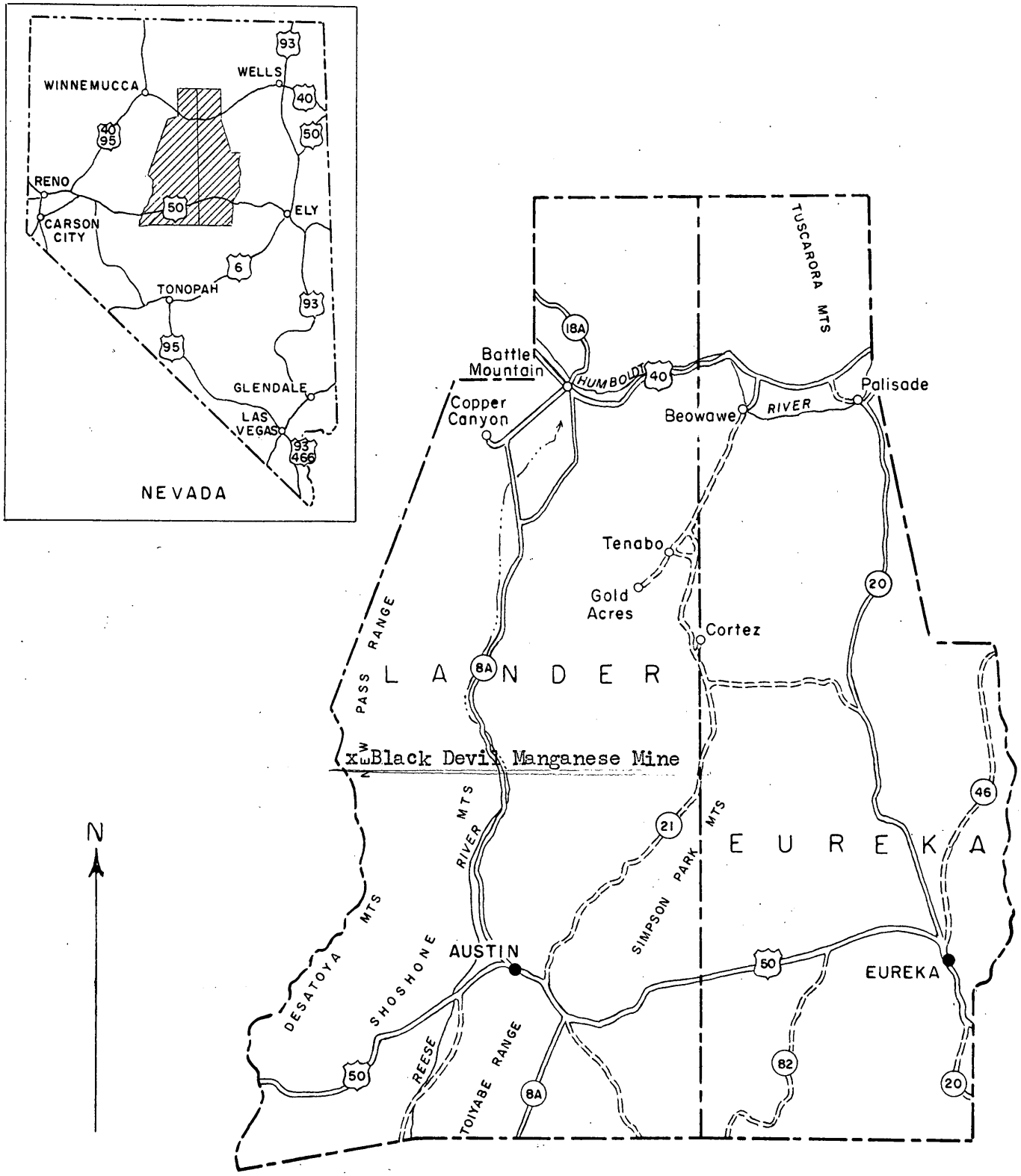
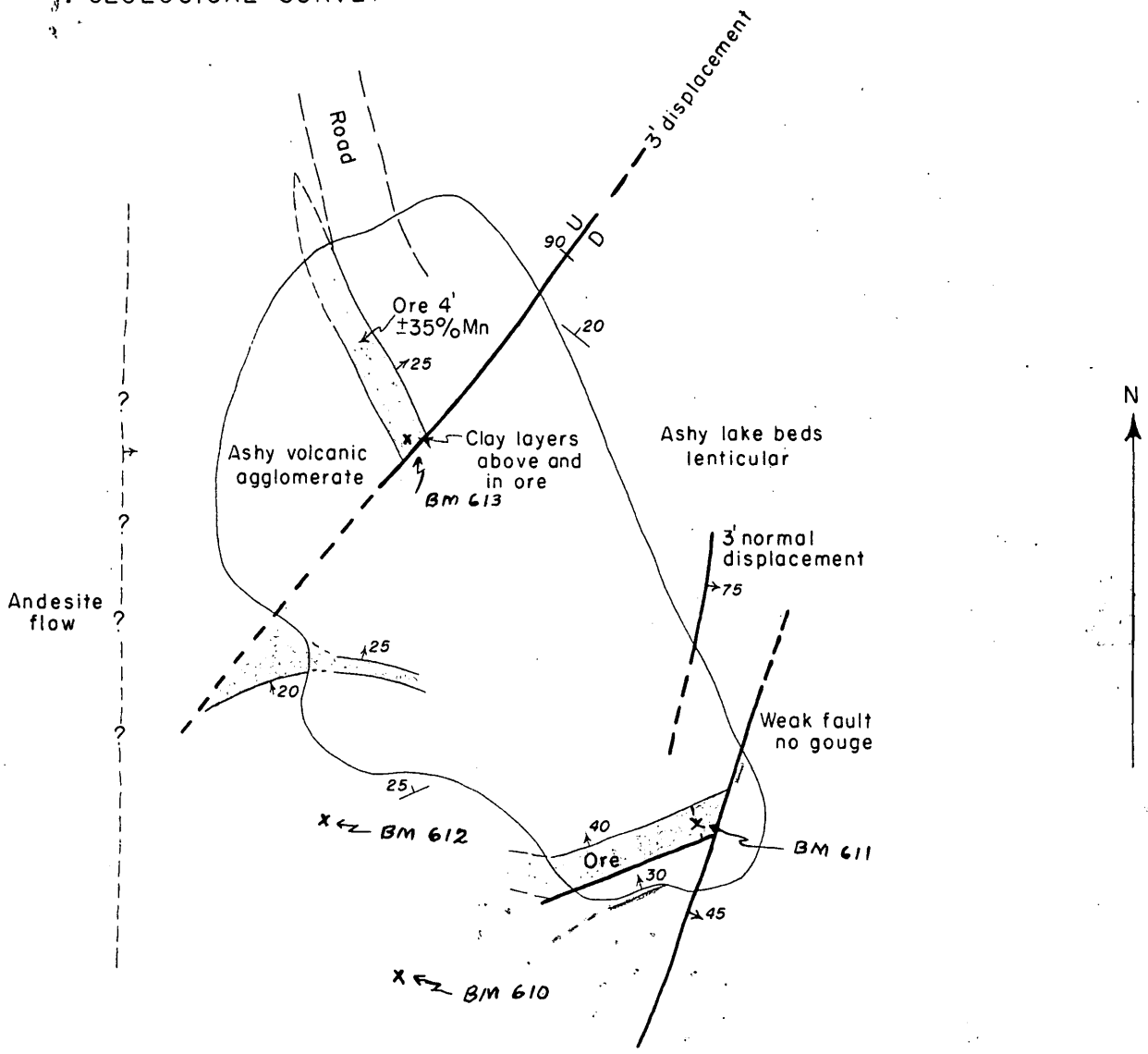


Figure 1. INDEX MAP OF LANDER AND EUREKA COUNTIES, NEVADA

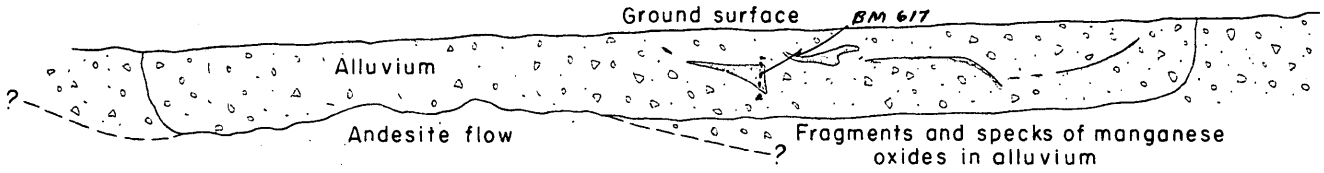
0 20 40 60 Miles

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 24 1958

DATE	INITIALS	CODE



SKETCH MAP OF MAIN PIT AT PLANE 10 FEET ABOVE FLOOR AND 15 FEET BELOW RIM



SKETCH OF NW SIDE OF PROSPECT TRENCH—400 FEET NE OF MAIN PIT

Figure 2. BLACK DEVIL MANGANESE MINE, LANDER COUNTY, NEVADA

0 20 40 60 Feet

OFFICIAL FILE COPY
D M E A
RECEIVED JUL 24 1958

DATE	INITIALS	CODE

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/7	WSM on LEAVE	400
7/7	Chapman	400
7/9	Selby	130
7/9	Lamb	130
7/9	Kiilsgaard	130
"	Johnson	110
	Mittendorf	100
		~~375~~
		220

JUL 9 1958

Humbolt Metals Co.
33 West 3rd Street
Winnemucca, Nevada

Re: Docket No. DMEA 5063 - Manganese
Black Devil claims
Lander County, Nevada

Gentlemen:

Enclosed with Mr. Allen S. Dakan's letter to you of June 19, 1958, was a copy of the Department of the Interior Information Service Release dated June 6, 1958, which announced that no new Defense Minerals Exploration Administration contracts could be executed after June 30th because of the ending of the present program for exploration assistance. An extra copy of the release is enclosed for your convenience.

Your application identified above and dated June 12, 1958, was received in the Reno, Nevada, office on June 16, and in this office on June 19, 1958. Consequently, we regret to advise you that there was not sufficient time to process it under the program now terminated.

However, we will be glad to hold your application until the Congress acts on pending legislation to continue exploration aid. If it is continued, we will then ask you to state whether you wish us to consider your application under the regulations established for the new program.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

WSMARTIN/dl 7-7-58
cc to: Code 400
Admr. R. File
Oper. Comm.
FT. REG. II
Messrs. Gilbert DeHuff, USBM
T. H. Kiilsgaard, USGS

8623

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 25 1958

DATE	INITIALS	CODE
6/25	RVB	220
	WSM	400

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

Date June 24, 1958

DMEA Docket No. 5063
DMEA Contract No.
Commodity Mn
Name of applicant Whiting, Roumm, Franco&Fine
Name of property Black Devil
Location of property Lander Co., Nevada
Estimated cost of project $25,520

Memorandum

To: W. S. Martin, DMEA

From: G. L. DeHuff, Jr., Commodity Specialist
Branch of Ferrous Metals and Ferroalloys

Subject: Review of application
(Application, Field Team Report, etc.)

1. Date of subject document: 6/12/58 2. Date received by reviewer: Ca 6/20/58

3. Prior reports on this property known to reviewer: Yes [ ] No [x]

4. Prior reports on nearby properties known to reviewer: Yes [x] No [ ]

5. Information available on past production: Yes [ ] No [x]

6. Other pertinent factors known to reviewer: Yes [ ] No [ ]

7. Explain items marked yes above: Small shipments have been made from the Last Chance claims, described by R. R. Trengove in an unpublished report as lying on the east flank of the New Pass Destoya Mountains, about 36 miles north of Austin in the Reese River Mining District. This may be in the general vicinity of the Black Devil.

8. Factors needing special consideration:
- a. Location [ ]
- b. Ownership [ ]
- c. Evidence of mineralization
- d. Geology [x]
- e. Proposed exploration method [x]
- f. Alternate exploration method [ ]
- g. Costs [x]
- h. [ ]

9. Action advised:
- a. Obtain information from applicant [ ]
- b. Refer to Field Team [x]
- c. Denial [ ]
- d. Agree with Field Team [ ]
- e. Disagree with Field Team [ ]
- f. Suggest alternate plan [ ]
- g. Request another examination [ ]
- h. Approval [ ]
- i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary)

It is recommended that this application be referred to the Field Team for its consideration.

G. L. DeHuff, Jr.

IN REPLY REFER TO:

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 26 1958

DATE	INITIALS	CODE
6/26	RLB	2261
	WSM	400

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

June 23, 1958
Re: DMEA 5063
Ray R. Whiting, Jr., et al
Black Devil Mine
Lander County, Nevada
$25,520.00 - Manganese

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application

The applicants request assistance in exploring 2 saucer-like bedded deposits of manganese by drilling and shaft sinking. Open pit mining and an outcrop suggest one saucer shaped deposit is 500 feet east to west and possibly 500 feet north to south. The pit, mapped as about 60 x 90 feet and up to 40 feet deep, produced 53 long tons of shipping ore (47.66% Mn) and about 300 tons of stockpile estimated to contain 34% Mn. The thickness of the ore is said to be 3½ feet.

The existence of the second deposit is presumed. Little work has been done upon it.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

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

June 19, 1958

Humboldt Metals Co.,
33 West 3rd Street
Winnemucca, Nevada

Subject: DMEA-5063

Gentlemen:

Your application for exploration assistance, dated June 12, 1958 submitted to our office at Reno, Nevada has been assigned Docket Number DMEA-5063 and referred to the Iron and Ferro-Alloys Division in the Washington Office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region II.

37909