DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 4315

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Exploration Project

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To:	500	Date	5/28/56
To:	Op. Comm	Date	6/26/56
To:	F.E. Johnson	Date	6-27-56
To:	Base Metals	Date	6/28/56
To:	Op. Comm	Date	9/14/56
To:	F.E. Johnson	Date	9-17-56
To:	[illegible]	Date	9-17-56
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File Copy
Surname
Klugescheid
Lamb
Kiilsgaard
Selfridge
Williams
J.E. Gruner

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

SEP 1 3 1956

Mr. Harvey Beverland
Post Office Box 458
Mackay, Idaho

Re: Docket No. DMEA-4315 (Lead-Zinc-Copper)
Harvey Beverland
Cornhusker Mine
Custer County, Idaho

Dear Mr. Beverland:

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

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting a small amount of lead-zinc-copper mineralization on your claims, indicates to us that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

G. O. Mittendorf

Administrator

WPKlugeschied/er 9/14/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishoop, USBM
Mr. Kiilsgaard, USGS
Region I, NW, Dist (2)
Chron.

R.G.L.

File Copy
Surname
Klugescheid.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION 500
WASHINGTON 25, D. C.

September 15, 1956

Memorandum

To: The Administrator

From: Chief, Base Metals Division

Subject: Denial of Application, Docket No. DMEA-4315 (Lead-Zinc-Copper), Harvey Beverland, Cornhusker Mine, Custer County, Idaho.

The cited application, dated May 16, 1956, was received by this office on May 28.

The Applicant proposed to drive 400 feet of crosscut to intersect several structures projected about a quarter of a mile from their outcrops, and about 300 feet of drifting to be done on the most favorable structure found in the crosscut. The estimated cost of the work was $26,855.00.

The property was examined July 12 and 13, 1956, by E. W. Parsons, Bureau of Mines, and H. B. Nickelson, Geological Survey. The examiners were accompanied by Harvey Beverland, the Applicant. No map was prepared because no mineral occurrences of any size were found.

All of the occurrences observed were small discontinuous lenses, the largest of which was about 20 feet and 2.5 feet wide. A sample of this lens across 2.5 feet assayed a trace of gold, 2.2 ounces of silver, 0.8 per cent lead, 0.05 per cent copper, and 1.2 per cent zinc. Larger structures, reported to contain ore minerals, were observed on the slopes of the steep mountains. The Applicant projected these structures to the exploration area but apparently they die out before reaching it as they could not be found.

A caved 70-foot adit near the top of the high ridge was driven years ago. There is no record of production.

R.C.S.

There is no evidence that the structures contain ore concentrations with commercial possibilities and the examiners agree in recommending that the application be denied.

We concur with the recommendations of the examiners, the Field Team, and the commodity members of the Geological Survey and the Bureau of Mines that this application be denied.

W. R. Griswold

WPK1ugescheid/er

Copy to: Docket
Base Metals
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION 500
WASHINGTON 25, D. C.

September 15, 1956

Memorandum

To: The Administrator

From: Chief, Base Metals Division

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A caved 70-foot adit near the top of the high ridge was driven years ago. There is no record of production.

There is no evidence that the structures contain ore concentrations with commercial possibilities and the examiners agree in recommending that the application be denied.

We concur with the recommendations of the examiners, the Field Team, and the commodity members of the Geological Survey and the Bureau of Mines that this application be denied.

W. R. Griswold

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

RECEIVED
SEP 13 1956

September 13, 1956

Re: DMEA-4315; Lead-zinc; $26,855
Harvey Beverlund
Cornhusker Prospect
Custer County, Idaho

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, Commodity Specialist, Branch of Base Metals

Subject: Review of field team report, dated August 24 and received August 27

The applicant requests assistance in driving about 400 feet of crosscut to intersect the downward projections of mineralized structures on the outcrop plus assistance in drifting about 300 feet on the most favorable of the intersected structures.

The field examiner observed that although the impure limestones and argillites of the area have been folded, faulted and intruded by Tertiary porphyry dikes; and although there is some mineralization in fault and fracture zones, all of the occurrences noted were small discontinuous lenses containing lean values.

The low grade, small dimensions and discontinuous nature of the mineralization in combination with difficult access lead to the inevitable conclusion that the application should be denied, a view in which I concur.

O. M. Bishop

O. M. Bishop

Copy to: Mr. Kiilsgaard, Rm. 5222
Division of Minerals (2)
Branch of Base Metals
Files

IN REPLY REFER TO:

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

RECEIVED
SEP - 5 1956

August 31, 1956

Re: DMEA 4315
Harvey Beverland
Cornhusker Prospect
Custer County, Idaho
$26,855 - Lead-zinc-copper

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

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

Subject: Review of Field Team report

The applicant requested assistance in searching for the downward extensions of somewhat hypothetical veins on which near surface work had long since been done. No definite target was offered.

The examiners found no evidence of mineralization of consequence. Narrow, discontinuous low grade lenses of material were seen. The largest and best is up to 20 feet long and 2.5 feet wide. A sample showed 2.2 oz. silver per ton, 0.8% lead, 1.2% zinc, and 0.05% copper. In view of the location of the property, only sizable and good grade orebodies are worth while. No such deposit is known or can be inferred.

The examiners and the Field Team recommend that the application be denied. I concur with that recommendation.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

August 24, 1956

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

Re: Docket No. DMEA-4315 (Lead-Zinc-Copper)
Harvey Beverland
Cornhusker Prospect
Custer County, Idaho

Dear Mr. Selfridge:

Enclosed are four copies of a field examination report of the Cornhusker prospect by E. W. Parsons, Bureau of Mines, and H. B. Nickelson, Geological Survey.

The claims are in an area of Paleozoic limestones and argillites that have been folded, faulted, and intruded by dikes of igneous rock. Some of the faults are filled by a fine-grained material, possibly a dike, that contains silver, lead, zinc, and copper minerals in small lenses up to 20 feet long and 2.5 feet wide. A sample taken across the largest and best looking lens assayed a trace gold and 2.2 ounces silver per ton, 0.8 percent lead, 1.2 percent zinc, and 0.05 percent copper.

The Field Team concurs in the recommendation of Parsons and Nickelson that the application be denied.

By Field Team, Region I, NW District

for Thomas E. Howard
Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren
Donald R. MacLaren, Acting Member
U. S. Geological Survey

Enclosures
cc: USBM(2)
USGS(SRO)
Nickelson

Reviewed by
DMEA OPERATING COMMITTEE
9-21-56
(date)

RECEIVED
AUG 27 1956

Reviewed by
DMEA OPERATING COMMITTEE
8-31-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

August 20, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: E. W. Parsons, Mining Engineer, U. S. Bureau of Mines, and H. B. Nickelson, Geologist, U. S. Geological Survey

Subject: Field examination report, Docket No. DMEA-4315 (Lead-Zinc-Copper), Harvey Beverland, Mackay, Idaho, Box 458, Cornhusker Prospect, Custer County, Idaho

INTRODUCTION

May 21, 1956, Mr. Beverland submitted an application for DMEA assistance to explore for lead, zinc, and copper on the Cornhusker property. The property was examined July 12 and 13, 1956 by E. W. Parsons, Mining Engineer, Bureau of Mines; H. B. Nickelson, Geologist, Geological Survey, and Cesar Ibanez, Point IV trainee. The examiners were accompanied by Harvey Beverland, applicant. The area was carefully examined, but no map was prepared because no mineral occurrences of any size were found.

SUMMARY

The applicant proposed to drive 700 feet of combined crosscut and drift, estimated to cost $26,855. The proposed exploration consisted of about 400 feet of crosscutting to intersect several structures projected about a quarter of a mile or more from their outcrops, and about 300 feet of drifting to be done on the most favorable structure found in the crosscut.

The sedimentary rocks in the area are impure limestones and argillites, Paleozoic in age, that have been folded and faulted. They have been intruded by acidic and basic dikes of Tertiary age. Some of the faults have served as channelways for a fine-grained altered material, possibly dike rock, that carries lead, silver, and zinc minerals. All of the occurrences observed were small discontinuous lenses, the largest of which was about 20 feet long and 2.5 feet wide. A sample from this lens across 2.5 feet assayed trace of gold, 2.2 ounces of silver, 0.8 percent lead, 0.05 percent copper and 1.2 percent zinc. Larger structures, reported to contain ore minerals, were observed on the slopes of the steep mountains. The applicant

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AUG 27 1956

projected these structures to the exploration area but apparently they die out before reaching it as they could not be found.

RECOMMENDATION

In the opinion of the examining team the application should be denied.

LOCATION AND ACCESSIBILITY

The Cornhusker Prospect is in sec. 5, T. 4 N., R. 22 E. B.M., in Custer County, Idaho, about 44 miles by road from Mackay, Idaho, in the Copper Basin mining district.

The Prospect can be reached from Mackay by traveling about 10 miles north on U. S. Highway 93, thence by a gravel road, westerly from the highway. This road crosses a high ridge to the Copper Basin Forest Service guard station. From the guard station a road to the right leads over a pass into the valley of Star Hope Creek. At Lake Creek, a tributary of Star Hope Creek, a branch road follows up the valley to the access road leading to the property. The access road starts near a Forest Service drift fence and trends up the south slope of the hill to the property. This road is steep but is passable with pickups or jeeps.

The property is at an elevation of about 9,400 feet. Snowfall from 6 to 8 feet deep is normal in the vicinity for 6 months of the year, making access by any means extremely difficult during the snow period.

APPLICANT

The applicant is a retired rancher who has been actively interested in mining and prospecting for years. It is believed that he is financially able to furnish his share of the cost of the work proposed in the application.

PROPERTY RIGHTS

The applicant owns a group of several contiguous unpatented lode mineral claims by right of location of which four were included in the application. The four claims are recorded in the Custer County Courthouse at Challis, in book 14, pages 288 and 289, and book 14, pages 519 and 520.

PROPERTY

The surface facilities consist of a well-constructed cabin, a blacksmith shop, a compressor, and small tools.

A few small pits, cuts, and adits have been started on the property, and a caved adit near the top of the ridge is reported to have been 70 feet deep. This tunnel was on one of the structures that died out before reaching the area to be explored.

GEOLOGY

The geology of the area is briefly described by Joseph B. Umpleby, Geology and ore deposits of the Mackay Region, Idaho: U. S. Geol. Survey Prof. Paper 97, 1917. Umpleby has made no attempt to classify the rocks in the area but mentions that they are mainly Paleozoic in age. The sedimentary rocks in the vicinity of the claims are silicious limestones, argillites, and quartzites. These rocks are generally steep-dipping with local folding and faulting, and are intruded by rhyolite porphyry and trachyte porphyry dikes.

The applicant reports lead sulfide and carbonate minerals occur along numerous faults which are found on the steep mountain slopes. During the examination galena and lead carbonate minerals were found in several narrow discontinuous fractures in the limestone.

In 1954 Nickelson examined several outcrops of lead carbonate which are now being worked by lessers about three-quarters of a mile south of the prospect. One of these outcrops, about 6 feet in diameter, was at the intersection of two steeply dipping faults in quartzite. A grab sample from this outcrop assayed 4.4 ounces of silver, 26.8 percent lead. Specimen samples of cerussite are obtainable from this occurrence. The other outcrops were small discontinuous lenses in no way connected with one another. There is a possibility that other small deposits exist in the area on the steep mountain slopes which are generally inaccessible.

PAST OPERATION

The caved 70-foot adit near the top of the high ridge was excavated years ago. A small amount of work has been done on the claims in the last few years. The principal work accomplished has been the construction of the road and cabin. There is no record of production from any of the workings.

MATERIALS AND SUPPLIES

Materials, supplies, and equipment may be obtained in Mackay (railhead), Hailey, and Boise. Some mine labor is available

in Mackay, Hailey, and the surrounding country. A small quantity of water flows in a stream on the property. There is no electric power within a reasonable distance.

PROPOSAL

The applicant proposed to drive an adit 300 to 400 feet into the base of a low ridge in search of the junction of a number of converging veins, then drift 300 feet following the most promising lead. There are fractures through the rock which contain some lead mineralization but there is no evidence that they converge at any point or that they contain ore concentrations with commercial possibilities.

The examiners agree in recommending that the application be denied.

Distribution:
DMEA (4)
USBM (5)
USGS(SRO)
Docket
Nickelson

Betty

xxxxxx xxxxxxx
No. 157 Howard Street
Spokane 4, Washington

August 24, 1956

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

Re: Docket No. M-4315 (Lead-Zinc-Copper)
Harvey Feverland
Cornhusker Prospect
Custer County, Idaho

Dear Mr. Selfridge:

Enclosed are four copies of a field examination report of the Cornhusker prospect by L. W. Parsons, Bureau of Mines, and G. E. Nickelson, Geological Survey.

The claims are in an area of Paleozoic limestones and argillites that have been folded, faulted, and intruded by dikes of igneous rock. Some of the faults are filled by a fine-grained material, possibly a dike, that contains silver, lead, zinc, and copper minerals in small lenses up to 25 feet long and 2.5 feet wide. A sample taken across the largest and best looking lens assayed a trace gold and 2.2 ounces silver per ton, 0.[illegible] percent lead, 1.2 percent zinc, and 0.05 percent copper.

The Field Team concurs in the recommendation of Parsons and Nickelson that the application be denied.

By Field Team, Region [illegible], [illegible] District

Irving T. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald [illegible] MacGregor, Acting Member
U. S. Geological Survey

Enclosures
cc: USBM(2)
USGS(2)
Nickelson

Reviewed by
DMA OPERATING COMMITTEE
8/31/56
(Date)

RECEIVED
AUG 27 1956

Reviewed by
DMEA OPERATING COMMITTEE

(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So 157 Howard Street
Spokane 4, Washington

August 20, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: E W. Parsons, Mining Engineer, U. S. Bureau of Mines, and H. B. Nickelson, Geologist, U. S. Geological Survey

Subject: Field examination report, Docket No. DMEA-4315 (Lead-Zinc-Copper), Harvey Beverland, Mackay, Idaho, Box 458, Cornhusker Prospect, Custer County, Idaho

INTRODUCTION

May 21, 1956, Mr. Beverland submitted an application for DMEA assistance to explore for lead, zinc, and copper on the Cornhusker property. The property was examined July 12 and 13, 1956 by E. W. Parsons, Mining Engineer, Bureau of Mines; H. B. Nickelson, Geologist, Geological Survey, and Cesar Ramez, Point IV trainee. The examiners were accompanied by Harvey Beverland, applicant. The area was carefully examined, but no map was prepared because no mineral occurrences of any size were found.

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RECOMMENDATION

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The examiners agree in recommending that the application be denied.

Distribution:
DMEA (4)
USBM (5)
USGS(SRO)
Docket
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 12 1957

DATE	INITIALS	CODE
8/12	P.	220
8/12	[illegible]	500

August 8, 1957

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

Re: Docket No. ~~DMEA-4315 (Lead-Zinc-Copper)~~
Harvey Beverland
Cornhusker Mine
Custer County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies each of a letter dated August 4, 1957, from Mr. Harvey Beverland requesting reconsideration of his previously denied application for DMEA assistance, and our reply.

The former examination was made by E. W. Parsons, mining engineer, U. S. Bureau of Mines, and Howard B. Nickelson, geologist, U. S. Geological Survey. Nickelson is no longer in Spokane, but we have talked to Parsons regarding Mr. Beverland's dissatisfaction with the examination. Parsons says that he and Nickelson looked at every showing to which Mr. Beverland took them. Also, that Mr. Beverland pointed to a skyline, about 3,000 feet away and apparently off his property, where he said there was a caved adit about 70 feet deep. In spite of this, they suggested looking at it but, as Mr. Beverland said there was nothing to see and seemed reluctant to take them there, they did not press the point.

During a re-examination of the Enderlin property, Docket No. DMEA-4187, Parsons says that Mr. Enderlin told him of the shipment referred to under item 3 of Mr. Beverland's letter. Enderlin said he was working for Beverland at the time, that the shipment amounted to approximately 10 tons of lead carbonate ore and that it came from a lens which appeared to be about 6 feet in diameter and which Nickelson had seen during a previous examination. This lens was off the land included in the application. The single shipment exhausted the ore in that lens which was found to be about 4 feet deep according to Mr. Enderlin.

As Mr. Beverland was advised of the denial of his application in a letter dated September 18, 1956, it is strange that he has waited this long to voice his dissatisfaction with the examination.

By Field Team, Region I

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Wing G. Agnew

Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosures

cc: USBM (2)
Geologist

So. 157 Howard Street
Spokane 4, Washington

August 8, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 12 1957
DATE | INITIALS | CODE

Mr. Harvey Beverland
Box 458
Mackay, Idaho

Re: Docket No. DMEA-4315 (Lead-Zinc-Copper)
Harvey Beverland
Cornhusker Mine
Custer County, Idaho

Dear Mr. Beverland:

This will acknowledge receipt of your letter of August 4, 1957 requesting that your application for DMEA assistance be reconsidered in view of additional exploration and the shipment of ore since our last examination.

Before your former application can be reconsidered, we must have four copies of a sketch map showing your claims, the location of the new work, the location and assay value of any samples you have taken, and a copy of the settlement sheets for any ore you have shipped.

By Field Team, Region I

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

cc: DMEA (3)
USBM (2)
Geologist

August 4, [illegible]
Box [illegible]
Mackay, Idaho

USBM
DMEA

DMEA
RECEIVED AUG 1

DATE	INITIALS

Mr. [illegible] E. Weissenborn
Executive Officer
[illegible] Field Team, Region 1
Northwest District
[illegible] Howard Street
[illegible] 4,
[illegible]ngton

Dear Mr. Weissenborn:

Re: Docket No. DMEA [illegible] (Lead-Zinc-Copper)
Harvey Beverland and ~~Cornhrisker~~ Mine
Custer County, Idaho

I am herewith re-submitting application for re-examination for application to or for a DMEA - exploration loan, for the following named reasons, viz:

1. Upon first visit of examining team, property was examined by naked eye from an approx. distance of 3,000 ft. distance.

2. Additional exploration work has been accomplished on property, since long distance examination.

3. A shipment of commercial ore has been marketed to the smelter in Salt Lake as of last year.

4. Several re-known geologists who have examined the property, i.e. right on the property, concur, that same would merit exploration.

I trust that the above mentioned facts, warrant justification for an re-examination of the property and if perchance same be granted, please do not send an examining team that stands at the cabin and looks up the mountain, some approx. distance of 3,000 ft. and make their examination at that point.

Appreciating your earliest reply and answer,
I remain,

Respectfully yours,

Harvey Beverland

[illegible] ASH

Shipped 10 Tons from [illegible]
[illegible]

File Copy
Surname
Klugescheid
Harold
Selfridge
Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION 500
WASHINGTON 25, D. C.

JUN 28 1956

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-4315 (Lead-Zinc-Copper)
Harvey Beverland
Cornhusker Mine
Custer County, Idaho

Dear Mr. Weissenborn:

The cited application for exploration assistance is being referred to your office for consideration, a field examination of the property if warranted, and recommendation.

Unfortunately there is very little to go on as maps are completely lacking. The Applicant is probably a practical miner who is unable to get his facts on paper, and any information about the property will have to be obtained either on the ground or by personal contact with him.

Copies of memoranda dated May 29 and June 11, 1956, by N. E. Nelson, Geological Survey, and O. M. Bishop, Bureau of Mines, respectively, relating to the project are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Enclosures

WPKlugescheid/er 6/25/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

P. F. Yopes (GCS)
Member, Bureau of Mines

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

R.O.S.

File Copy
Surname
Klugescheid
Dwinnell
Kiilsgaard
Selfridge
FEJ

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

JUN 28 1956

Mr. Harvey Beverland
Post Office Box 458
Mackay, Idaho

Re: Docket No. DMEA-4315 (Lead-Zinc-Copper)
Harvey Beverland
Cornhusker Mine
Custer County, Idaho

Dear Mr. Beverland:

Your application for Government assistance to explore the cited property has been reviewed by the Base Metals Division of the Defense Minerals Exploration Administration and has been referred to:

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

If the Field Team requires additional information concerning your application, they will contact you at an early date.

Sincerely yours,

C. O. Mittendorf (f.w.)

Administrator

WPKlugescheid/er 6/25/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Region I, NW Dist. (2)
Chron.

R.C.K.

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

June 11, 1956

Re: DMEA-4315; Lead-Zinc, $26,855
Harvey Beverland
Cornhusker Mine
Custer County, Idaho

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, USBM

Subject: Review of subject application, dated May 16, 1956

The applicant requests assistance in exploring Cornhusker Claims 1-4, located in the Copper Basin Mining District, 43 miles from Mackay, Idaho.

Although no past production is known, there are certain inaccessible workings including a tunnel reported 70 feet long. Several veins are said to be exposed on the surface in quartzite and porphyry. These veins strike toward a limestone exposure and the applicant proposes a crosscut adit of 300-400 feet in length to test the projected intersection with 300 feet of drifting on the veins in the limestone.

It is recommended that the application be referred to the Field Team for an evaluation of the prospect and the proposed exploration.

O. M. Bishop

O. M. Bishop

Copy to - Mr. Kiilsgaard, Room 5224
Mr. Geehan
Division of Minerals
O. M. Bishop
Files

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

June 11, 1956

Re: DMEA-4315; Lead-Zinc, $86,855
Harvey Beverland
Cornhusker Mine
Custer County, Idaho

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From: O. M. Bishop, USBM

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Mr. Geehan
Division of Minerals
O. M. Bishop
Files

IN REPLY REFER TO:

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

RECEIVED
MAY 31 1956

May 29, 1956

Re: DMEA 4315
Harvey Beverland
Cornhusker Mine
Custer Co., Idaho
$26,855.00 - Lead-zinc

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

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

Subject: Review of application

The applicant requests assistance in searching for various veins exposed at surface at an unstated depth below the outcrops, by 300-400 feet of crosscut and if vein or veins are found drifting on them a distance of 300 feet.

The property was prospected sometime in the past by a 70 foot tunnel (reported length) but no information concerning the results of such work appear to be available. No data supporting the applicant's opinion that..."there are numerous mineralized veins carrying lead, silver, copper, zinc and gold" are given.

Based on the information now at hand the proposal has more of the elements of a prospecting venture than those of an exploratory project. Perhaps the Field Team has information concerning the area and the applicant.

Referral to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

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

RECEIVED
MAY 31 1956

May 29, 1956

Re: DMEA 4315
Harvey Beverland
Cornhusker Mine
Custer Co., Idaho
$26,855.00 - Lead-zinc

Memorandum

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Referral to the Field Team for appropriate action is recommended.

N. E. Nelson

NENelson:btr
G 5/29/56

N. E. Nelson

cc: O. M. Bishop, Rm. 3617 Interior
Director's reading 4212
Branch reading
DMEA(3)
Chron. file
Docket file

May 28, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region I,NW

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region I,NW.

DMEA - 4315 Harvey Beverland

Robert E. Adams
Chief, Operation's Control
and Statistics Division

May 28, 1956

Mr. Harvey Beverland
Cornhusker Mine
Box 458
Mackay, Idaho

Subject: DMEA-4315
Re: Exploration Assistance
Cornhusker Mine

Dear Mr. Beverland

The receipt of your application dated May 16, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4315 and referred to the Base Metals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAY 28 1956

May 22, 1956

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

Re: New application
(Lead-Copper-Zinc-Silver)
Harvey Beverland
Cornhusker Mine
Custer County, Idaho

Dear Mr. Selfridge:

Enclosed are three copies of an application submitted by Harvey Beverland, Box 458, Mackay, Idaho. We have retained one copy for our files.

Sincerely yours,

Wing A. Agnew
Acting Exec. Officer, DMEA
Field Team, Region I, NW Dist.

Enclosure

cc: USBM (2)
Nickelson

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

RECEIVED
MAY 28 1956

May 22, 1956

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Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

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(Lead-Copper-Zinc-Silver)
Harvey Beverland
Cornhusker Mine
Custer County, Idaho

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Sincerely yours,

Wing G. Agnew
Acting Exec. Officer, DMEA
Field Team, Region 1, NW Dist.

Enclosure

cc: USBM (2)
Nickelson

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

RECEIVED
MAY 28 1956

May 22, 1956

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Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

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(Lead-Copper-Zinc-Silver)
Harvey Beverland
Cornucopia Mine
Custer County, Idaho

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Sincerely yours,

King G. Agnew
Acting Exec. Officer, DMEA
Field Team, Region I, Mn Dist.

Enclosure

cc: USBM (2)
Nickelson

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved
Budget Bureau No. 42-R1035.2.

RECEIVED
MAY 28 1956

RECEIVED
MAY 21 1956
U. S. G. S.
SPOKANE, WASH.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-4315
Metal or Mineral LEAD-ZINC
Date Received 5/28/56
Estimated Cost $26,855.00
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

Harvey Beverland
Cornhusker Mine - Box 458 Mackay, Idaho

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Cornhusker # 1 (Cert.# 107279-Book 14 Page 288 Cornhusker # 2 (Cert.# 107280-Book 14-Page 289 Cornhusker# 3 (Cert.# 108489 page 519 Book 14 Cornhusker # 4 (Cert.# 108490 - Book 14 page 520 asrecorded in County Seal in Challis, Ida. These claims are located in T 5 N R 22 E and T 4 N R 22 E - Copper Basin Mining Dist

(*b*) State any mine name by which the property is known. Cornhusker

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Owner by Location

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See Item No. 3 hereinabove

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore LEAD, COPPER, ZINC, SILVER & GOLD

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. see Suplement

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

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

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*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? See Suplement

(*b*) How do you propose to furnish your share of the costs? See Suplement

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

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.

Dated May 16th, 1956

Harvey Beverland
(Applicant)

By Harvey Beverland
Cornhusker Mine
Box 458 - Mackay, Idaho

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—66551-1

Supplement to MF - 103

RECEIVED
MAY 28 1956

1. Answered on MF - 103 question No. 1

(b) The applicant is an individual

3. The Certificate Numbers, Book Numbers and page numbers are shown in items No. 3 and as shown on record at the county seat of Custer County, Challis, Idaho

4. (a) Please be advised that all physical workings are at present innaccessible, which consists of an early day tunnel, reported to be approx. 70 ft. in length at the top of the property, all examination can be conducted by the surface exposure of viens intersecting the poperty.

(b) No past or current production, or developed ore reserves to the writers knowledge

(c) In the writers opinion there are numerous mineralized veins carrying Lead, Silver, Copper, Zinc & Gold, some assays taken in the past have gone as high as 20% lead, which are not available, these various veins are exposed on the surface and all strike or converge towardd a lime structure, the veins exposed are in a quartzite and porphyr beddings. The applicant would like to drive an exploration addit to the intersection as evidenced by the surface showings., it is estimated that approx. 300 to 400 ft. of cross-cut would determine this, with approx. 300 ft. of drifting if the ore was determined at that horizon.

(d) This property is located in Muldoon canyon in Copper Basin Mining District., it is located approx. 43 miles from the RR at Mackay, Idaho. A good dirt road is contructed to the proposed tunnel site. A exceptional cabin has been constructed on the property, which could accomodate 10 persons with ease, also a blacksmith shop is constructed.

(e) Manpower would be available, however, due to the isolated location of the property, an additional cost per hour would have to be paid for this reason. All materials and supplies can be gotten, as well as equipment. There is ample water on the property. Power would at present have to be either gasoline or diesel, however, if the property developed into a producer, Water power converted to Electrical driven units could very easily be accomplished.

5. The mineral to be explored would be LEAD, COPPER, ZINC, SILVER and Gold.

(b) Please refer to No. 4 part (c) thereof.

(c) The work would start within 30 days after receipt of notification, provided however, the project was accepted by the Government during months of July thru Dec. and be completed approx. within 12 working months.

(d) The applicant has had approx. 30 yrs experience in Mining operations etc. and plans to supervise the project.

6. See attch'd sheet for "Estimate of Costs"

(a) The applicant does not intend to let this work to independent Contractors (NONE)

6 (b) LABOR

" 2 Miners @ $2.25 per hr - 30 day basis equals	$1,080.00
Full Time Supervisor - Part time consulant, Engr. as above	400.00
Full time cook etc.	300.00
30 day or Mo. Total Labor Costs	$1,780.00

(c) Operating Material & Supplies

Blasting Powder - 45# (4 ft.Rounds) @ 23.20 per cwt = 11.44 per day or	2.84	per ft
Blasting caps @ 16 ea. (16 hole round)	.0425	" "
Fuse, 96 ft. @ .104 ¢ ea.	.2496	" "
Carabide, $12. per cwt - 3# per day	.08	" "
Fuel, Gasoline, Diesel, Motor oil, Lub. oil & Grease	1.85	" "
Timber, posts, caps, girts, wedges, laiging (25 sets) $9.47 per set for delivered timber = $236.75 or	.303	" "
Ties, for rails 350 @ 50¢ ea.	.205	" "
Total Mat. & Spp.l	5.5701 ✓	" "

(b)
to unit cost per foot for Labor

$1780.00 @ 120 ft. per mo. = $14.0849 per ft. 14.833
Payroll Tax-Fed-State & Workmen Comp = 1.95 " "

(d) Operating Equipment to be rented, viz:

	Cost	Monthly Rental
Compressor, Diesel, Joy, 315 cfm	10,000.00	513.00
Truck, Ford V-8, pick-up, Transportation & Supplies	1,800.00	100.00
Jack-Leg, Copco, wet type	600.00	66.00
Drifter, I.R. w/column etc.	700.00	66.00
Fan, ventilation, w/ gas. motor	440.00	10.00
Tank, Air receiver	125.00	5.00
Mine cars, 2 ea.	250.00	20.00
Water, Pressure tank, 20 gal. cap. for drilling	100.00	3.00
100 ft. rubber air hose w/couplings	118.00	10.00
100 ft. " Water hose w/ couplings	95.00	9.00
Gasoline driven Chain Saw	310.00	10.00
1 complete Blacksmith equipment	390.00	10.00
Relay rails, switches, fish plates,bolts, spikes etc.	800.00	13.00
Pipe, 2", gal. w/fittings, including tees,unions, valves etc.	682.10	20.00
Ventilation pipe, bemis, 8" 730 ft.	698.30	20.00
Eimco, 12-b, Mucking Machine		300.00
1 stoper, R-91, self rotating	400.00	30.00
30 pc. drill steel, swede, & conventional/w throwawy bits	480.00	48.00
30 day basis monthly rental - - -		1253.00

(e) No rehabilitation or repairs required

(f) No no new bldg, impr. or installations.
(G) The 10% contingency cost per ft. should take care of unforseen items, rprs etc.

(H) No general over-head nor any other items have been added, but actual costs as itemized hereinabove.

7. (a) Yes
(b) By necessary cash expenditures by money and rental equipment

SUMMARY OF COSTS

Labor -v - - - - - -	14.084	per	ft.
Payroll Tax's, Fed.,State, Insur	1.95	"	"
Equipment Rental	10.44	"	"
Material & Supl.	5.5701	"	"
Contingency (10%)	3.20441	"	"

125 ft. timbered ground (Labor)
@ $8.60 per ft. -v - 8.60

Total Estimated addit cost $35.40 per ft.
Plus the 125 ft. timbered Grnd.

$35.40 x 700 ft. proposed addit	=	$24,780.00
$x 125 ft. timbered Ground	=	1,075.00
Total est. Project cost	=	$26,855.00

Supplement to MF 103., dated 5/16-56