DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3376

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This document has been recorded as

Exploration Assistance

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Cys to USBM & USGS

Routing Slip

To:	400	Date	6/2/54
To:	Oper Com	Date	6-11-54
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CONTROLLED DOCUMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

RECEIVED
OCT 30 1956

1201 N. Division St.
Spokane 2, Washington
October 25, 1956

Rot 54

Mr. Hugh Brown, President
Consolidated Mines & Smelting Co., Ltd.
Star Route
Wilbur, Washington

Re: Docket No. DMEA-3376 (manganese, copper and molybdenum)
Consolidated Mines
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

This will acknowledge receipt of your letter of October 9, concerning the re-examination of your property in connection with a DMEA application for exploration aid.

In certain instances it is possible to schedule a re-examination of a property, and we will be glad to do this for you if you will submit a new application. Please refer to Mr. Puffett's letter to you in this connection, written under date of September 3, 1954. As stated therein, your new application should be more detailed than your previous one. It should be accompanied by a sketch showing claim boundaries and the location of underground workings, as well as any geological features that have a bearing on the proposed exploration. Your application should be supported by assays, and the location of samples should be shown on a map.

We will be very glad to have you accompany the field examiners when the examination of the property is made, as suggested in your October 9 letter.

Enclosed is a set of application forms for your use. Please fill out five copies and return them to this office.

By Field Team, Region I, NW District

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

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

Enclosure

cc: DMEA (2) w/cy Brown's ltr
USGS (2) " " "

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

RECEIVED
OCT 30 1953

cc: DMEA (2) w/cy Brown's Ltr
USGS (2) " " "

CONSOLIDATED MINES & SMELTING CO., LTD.
OF WASHINGTON, U. S. A.
MAIN OFFICE: STAR ROUTE, WILBUR, WASH.

RECEIVED
BUREAU OF MINES
OCT - 1956
SPOKANE, WASH.

9/10/56

Probably in 10/10/56

Mr. Wing G. Agnew
Bureau of Mines, Region 1
Spokane, Wash.

Dear Sir:

I have yours of the 4th in which you advise that in 1954 a D. M. E. A. team examined a property called the Silver Ridge Group consisting of "3 patented and 55 unpatented "claims.

Could we have a copy of the letter indicating three patented claims in a 55--58 group of Silver Ridge Claims. Will pay for photostating.

Be advised that there are no more than 33 claims in the Silver Ridge group. We have always referred to them as having gold, silver, copper, lead, zinc and molybdenum values. We have found that manganese is also an important constituent.

You go an in the above letter to state:" At the time the designated mine was inspected the examining engineers found no indications of ore in the designated workings".

Please advise what workings were examined. It is my understanding that two men were here briefly (less than two hours) and that they went into but one of our 35 adits.

Please advise at what points in this adit, any specimens or samples were taken.

As the management was not advised of any intented visit to the above property at the time of your D. M. E. A. team's visit, we could not point out the several commercial showings there are here. It is our hope that we may have such notice of intended visits and our confirmation of presence here to show you the property.

In referance to the above, is passage thru one adit in a property of 660 acres considered."examination".

Does the advice that "the examining engineers found no indications of ore in the designated mine" make it in-eligable for further consideration by your department, if no further development has occurred.

Very truly,

Hugh L. Brown

President, Consolidated Mines

October 4, 1956

Consolidated Mines & Smelting Co., Ltd.
Star Route
Wilbur, Washington

Attention: Mr. H. Brown, President

Dear Mr. Brown:

Your letter of September 19, 1956 addressed to the Bureau of Mines, Washington, D. C. has been referred to this office for attention.

With regard to ores containing 5% or less of manganese; deposits having tremendous tonnages of low-grade material have been sampled and evaluated. The problem of economical metallurgical treatment of low-grade manganese ore has not been solved satisfactorily to date. Further, these deposits usually are at such great distances from markets that transportation and other charges on ores and concentrates become prohibitive considering the low initial value of the ore.

The average gallium content of any ore is very low, approximately 0.005%. It is produced as a by-product of sphalerite in certain mining areas. Production exceeds the demand; in 1948 U. S. production was 200 pounds, sales 100 pounds. Methods of recovery are involved and about 35% efficient, uses of gallium are limited. Therefore traces of gallium in ores at the present time is of little value. Information on buyers and marketing procedures is obtainable at the Bureau of Standards, Washington, D. C.

In reference to the property mentioned in your letter, on June 29, 1956 a DMEA field team examined a property called the Silver Ridge Group, consisting of 3 patented and 55 unpatented mining claims, in the San Poil mining district, Ferry County, Washington; the mineral products listed were copper, gold, silver and manganese. At the time the property was inspected the examining engineers found no indications of ore in the designated mine workings. If your letter of September 19, 1956 refers to the property

examined on June 29, 1954 and subsequent exploratory work has been accomplished thereon with favorable indications or results we will make another examination at the earliest opportunity consistent with our other work. Enclosed herewith please find a Statement of Facts form for your convenience in describing any new work performed.

Very truly yours,

Wing G. Agnew, Chief
Spokane Field Office, Region I

Enclosure

WGA/GAA/lb

cc: RO
SFO
DF

CONSOLIDATED MINES & SMELTING CO., LTD.
OF WASHINGTON, U. S. A.
MAIN OFFICE: STAR ROUTE, WILBUR, WASH.

Agnew

WJA

RECEIVED
BUREAU OF MINES
SEP 26 1956
SPOKANE, WASH.

9/19

The U. S. Bureau of Mines

Washington, D. C.

Gentlemen:

On reading your Bulletin #556 on manganese, I noted that some of the properties showed manganese percentages of under 5%.

We have extensive tonnages in that range.

It would seem that some of our ores should be studied to ascertain if a practical and economic seperation can be made.

They contain also, traces to $3.-4. in gold, same range silver, lead, copper, zinc, molybdenum and traces of tungsten.

Spectrographs show consistant strong gallium lines.

We have not discovered whether our manganese is combined with silica or lime. Oxidized vugs however indicate perhaps th latter and may be an inch or more in diameter.

Will you consider an examination.

Very truly,

N. Brown

President

c/O Albany

3376

DM454

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 5 1957

DATE	INITIALS	CODE
8/5	P.K.	220
		225

1201 N. Division St.
Spokane 2, Washington

July 30, 1957

Mr. Hugh Brown
Consolidated Mines & Smelting Co., Ltd.
Star Route
Wilbur, Washington

Dear Mr. Brown:

This is in reference to your letter of July 17, 1957, requesting that an examination be made of your claims south of Keller for the purpose of obtaining assistance in getting the deposit into production. You also indicate that you consider inadequate a previous examination made by representatives of this office and the U. S. Geological Survey in connection with an application for Defense Minerals Exploration Administration aid.

Though the Bureau of Mines does examine mineral properties for the purpose of adding information to our mineral property catalog, the only financial assistance available to mine owners under a Government program is that offered by DMEA in the form of exploration project contracts. The enclosed pamphlet contains an up-to-date description of the program and lists the requirements for eligibility.

As stated in a Field Team letter to you dated October 25, 1956, it is sometimes possible to schedule a reexamination of a property, and as we indicated at that time we will be glad to do so if you will submit a new application. You may use the enclosed application forms for that purpose. In view of your dissatisfaction with the previous examination, it would be advisable for you to make your new application as complete as possible and considerably more detailed than your previous one. It should be supported by claim and mine maps or sketches on which should be noted important geological features, sample information, etc., particularly for those workings you state were not visited by our examiners.

If a new examination is made we should be happy to have you accompany the field engineers.

Sincerely yours,

Wing G. Agnew, Member
DMEA Field Team, Region I

Enclosures

cc: DMEA (2) SFO
USGS (2) Df
Docket

TEH/he

See Docket No. DMEA-3376 (manganese, copper and molybdenum)
Ferry County, Wash.

[illegible] & [illegible] CO., LTD.
OF [illegible], U. S. A.
[illegible] STATE ROUTE, WILBUR, WASH.

RECEIVED
BUREAU OF MINES
JUL 18 1957
[illegible]

7/17

The U. S. Bureau of Mines

Spokane 2, Wash.

Gentlemen:

This is to ask your examination of our claims south of Keller.

Our minerals are: gold, silver, copper, lead, zinc, molybdenum, manganese, and minor showings of other metallics, together with a variety of non-metallics.

With any reasonable notice, I shall be present to show the engineers our openings and mineralization.

It is noted that representatives of that office were here at one time but that they visited onlye one of our 35 adits.

Such obviously could not be considered an examination of a property.

We feel that we have a deposit that can be an asset to our economy and consider that it is your purpose to assist in getting such deposits into production.

Will appreciate your early responce.

Very truly,

Hugh Brown

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 3 1957

DATE	INITIALS	CODE

File Copy
Surname

Griswold
Selfridge
F Johnson

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

SEP 14 1954

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Wilbur, Washington

Re: Docket No. DML-35[illegible]
Consolidated Mines
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

I have your letter of September 7 and also a copy of the letter to you, dated September 3, by Mr. Willard P. Puffett.

Since you state you feel that a re-examination is in order, you should review the last two paragraphs of Mr. Puffett's letter and, in making your new application, be guided by the stipulations which he has outlined.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

WRGriswold/er 9/13/54

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Region II (2)
Mr. Kiilsgaard - Rm 5227
Mr. C. H. Johnson, USBM
Chron.

R.C.G.

CONSOLIDATED MINES & SMELTING CO., LTD.
OF WASHINGTON, U. S. A.
MAIN OFFICE: STAR ROUTE, WILBUR, WASH.

Defense Mineral Exploration
SEP - 5 1954

9/7

DMR-3376

Mr. R. C. D. Mittendorff, Administrator
Defence Mineral Exploration
Washington, D. C.

Dear Sir:

There are some points that do not coincide betweem your letter of the 31st and Mr. Puffitt's. In yours you state that the field team covered the adits covered in the application. However in Mr. Puffitts' letter just recieved the following, "---you did not state what adits were to be the subject of your application".

We were asked what development or work we proposed to do in the matter of future work in connection with manganese, copper and molybdenum ores. We could scarsely cover that with some 55 open cuts and 35 adits.

The molybdenum areas were not considered, or examined. The richest showing of copper is in #17, which was not visited.

Mr. Puffitt advises that he did not bother with adit #2 as it was deemed unsafe. But the ore outcrops at the surface. This is heavily mineralized.

Note is also made of Mr. Puffitt's statement that they visited #34 but could see, "--no ore sulphides except a grain or two of chalcopyrite-- " they deemed it run for precious metals and did not examine it.

Some 120 feet from a point 490 feet from the portal is commercial ore all sulphides, carrying silver, copper, lead and zinc. One can hardly take a sample in this area without noting rather thoroughly disseminated sulphides. On the left drift, in app. 600 feet, stringers up to 2" wide of chalcopyrite are encountered. These could hardly be termed "specks".

All of which leads us to suggest that a re-examination is in order.

Yours,

N. Brown

Consolidated Mines.

XXXXXXXXXXXXXXXXX
So. 157 Howard Street
Spokane 4, Washington

September 3, 1954

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Wilbur, Washington

Received
Betty

Re: Docket No. DMEA-3376 (copper)
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

I have just recently returned from a two-weeks trip in Oregon. On my return I find your letter of August 14, 1954, wherein you ask a number of questions concerning the examination Mr. Anderson and I made of your property. Mr. Weissenborn wrote you a letter August 23, 1954, wherein he discussed some of the questions you asked, and he stated that I would answer the others.

You state that you are somewhat confused in that you believe we did not visit all the adits which you had suggested. In your examination, you did not specifically state what adits were to be the subject of your application. In your letter of May 25, 1954, to me you mentioned stripping above No. 1 and No. 2 tunnels and driving a raise from No. 3 tunnel to connect with the winze which has been sunk from No. 3 tunnel. There is no mention of any other tunnels by number or name.

In your letter of June 9, 1954, to me you stated that Reverend Edgar would accompany us to the property. On the basis of this letter, I assumed Reverend Edgar was a qualified representative of your company and was familiar with the property and with the application. I also assumed that in your absence, you believed he would adequately assist us in our examination.

When we arrived at the property Reverend Edgar showed us the map which was in the office, on which are shown at least 34 tunnels. Ordinarily, on a DMEA application examination we attempt to examine all the exposures, but at your property we confined our examination to those tunnels which you had specifically mentioned in your letters and application. Reverend Edgar

Edgar directed us to all of them and accompanied us in our examination of all of them. Unfortunately, Reverend Edgar did not have any knowledge of the application and, obviously, has no knowledge of ore deposits. We examined the No. 34 tunnel quite closely but did not make a map of it. We had noted that recently other individuals had been in the tunnel and had sampled it quite thoroughly. As we could see no ore sulphides, other than pyrite and perhaps an occasional grain of chalcopyrite, in the walls it was our opinion that these samples were for precious metals--gold and silver--which do not qualify under the DMEA program. Tunnel No. 2 did not offer much. The raise which had been driven above the level was caved and unsafe for examination. The winze in the No. 3 tunnel was flooded to the sill. It seems possible that it would not be too difficult a job to pump this winze for examination of the bottom of it, rather than to drive a raise from the No. 4 tunnel. Near the portal of the No. 1 tunnel we noted a narrow vein striking N. 60° W. which contained a few crystals of galena. This is by far the better showing we saw of any tunnels we visited on your property.

A few months ago Mr. Weis and Mr. Armstrong of our office examined your property in an effort to detect uranium minerals. Mr. Weis states that they visited nearly all the tunnels and in none of the tunnels did he see very much sulphide ore.

It is true that we did not spend more than 2 hours at your property; nonetheless, we believe that we saw sufficient evidence to discourage us from making a more detailed examination.

Mr. Weissenborn has stated to you in his letter of August 25, 1954, that a request for a re-examination must be accompanied by a new application. Should you submit a new application, please make it more detailed. Show us a sketch of your workings--especially of the workings to be examined. Show on these sketches where the ore is or where evidence of ore is. Also, submit some assay data justifying your belief. Reverend Edgar informed us that you have taken a great number of samples and have had these samples assayed. Neither in your letters nor in your application was there any mention of assay data.

If you submit a new application, we will be willing to make a new examination. On this examination, we will specifically request that you be there to show us what you want examined. In this way, there will be no question in your mind as to what we examined or how long we took to examine it. Thus, you can feel assured that any recommendations we may make will be based upon evidence found in the specific locations which you want examined.

Sincerely yours,

cc: DMEA (2)
USBM (2)
Puffett

Willard F. Puffett
Geologist

File Copy
Surname
Griswold
K Johnson

500

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

AUG 31 1954

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Wilbur, Washington

Re: Docket No. DMEA-3376 (Copper)
Consolidated Mines
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

I have your letter of August 23, regarding your application for Government assistance in an exploration project on the cited group of claims.

We were advised by the Field Team that the examiners were accompanied on the property by Rev. E. H. Edgar, vice president of the company, and Mr. H. Schmick, a company stockholder. We were further advised that their examination covered tunnels Nos. 1, 2, 3, and 34, as these were the only ones to which reference was made in the application.

I regret that you should feel that your property was not given a proper examination or that the examiners are not seriously interested in desiring to create producing mines. I may say that I am surprised by such a statement, as the men in question have proven to be possessed of mature judgment and responsibility. Their report was prepared in a thorough manner and was subsequently reviewed by the commodity members here in Washington.

However, it is true that they did not examine all of the many workings on your property, but rather only those which you had cited in your application. Therefore, if you should feel that there are other workings which are more promising, I suggest that such workings be thoroughly sampled and assayed and that such data then be submitted to the Field Team. I am very sure that if you can furnish satisfactory evidence that reasonable possibilities exist upon which to base an exploration project, the Field Team will be glad to reexamine your properties.

WRGriswold/bjl (8/30/54)
Copy to: Docket
Admr. R. File
Base Metals
C. H. Johnson
Mr. Gildersleeve
Region II (2)
Chron.

Sincerely yours,

C. O. Mittendorf
Administrator

R.C.J.

C
O
P
Y

CONSOLIDATED MINES & SMELTING CO., LTD.
OF WASHINGTON, U. S. A.
Main Office: STAR ROUTE, Wilbur, Wash.

8/23

Mr. C. O. Mittendorf, Administrator
D. M. E. A.
Dept. of Interior
Washington, D. C.

Dear Sir:

This spring on a visit to Spokane, I visited the offices of the Field Team of the D. M. E. A. and talked with one man there. He advised me they had no knowledge of our Consolidated Properties.

I suggested that we would be interested in obtaining funds wherewith to develop ore or to mill ore. They seemed to be interested.

Now I'm sure you've been on both sides of the mining game. Instances where you were interested in seening a property, deemed by yourself be prought into production. Also in positions where you were the instrument which brought properties into commercial production.

In either case, you; we will say---have a property that covers some 600 acres, has thirty or fourty out croppongs and 5000 feet of underground work.

Then an engineer says he is going to examine your property. He comes but does not advise you when he is coming and in fact you aren't there to show him about. He looks of three adits, and in two hours is gone again. Would you think your property had been examined.

Such was the recent "examination here".

And this is but one of three properties we have at this point, Heller.

The man who came did not visit the two areas of the property where the best copper showings are located. He didnnot see the a rea where the mananese shows, and he wasn't within 2000 feet of the molybdenum ores. Those being the three elements the correspondence inticates the TEAM was interested in.

If Bingham Canyon, Castle Dome, or Inspiration can be a success, so can our #3 property, But we have to have examiners who will look, as well as be serious in their intent to bring about producing mines.

We feel the Administration is desireus of bringing about private enterprize, wherever such can be done. However, we are not so sure of those who have been in office since befor this administration, and actually skeptical about those who are further down and have been on Bureau of Mines payroles since the Truman era.

If there is genuine intent to assist worthy mine operators, or worthy mines; we are open minded, in fact we would be most refreshed to see some evidence of it.

Yours,

/s/ H. Brown

CONSOLIDATED MINES & SMELTING CO., LTD.
OF WASHINGTON, U. S. A.
MAIN OFFICE: STAR ROUTE, WILBUR, WASH.

8/23

Answered

Defense Minerals Administration
RECEIVED
AUG 27 1954

DMEA-3376

Mr. C. D. Mittendorf, Administrator
D. M. E. A.
Dept. of Interior
Washington, D. C.

Dear Sir:

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Now I'm sure you've been on both sides of the mining game. Instances where you were interested in seening a property, deemed by yourself be prought into production. Also in positions where you were the instrument which brought properties into commercial production.

In either case, you; we will say---have a property that covers some 600 acres, has thirty or fourty out croppings and 5000 feet of underground work.

Then an engineer says he is going to examine your property. He comes but does not advise you when he is coming and in fact you aren't there to show him about. He looks of three adits, and in two hours is gone again. Would you think your property had been examined.

Such was the recent "examination here".

And this is but one of three properties we have at this point, Keller.

The man who came did not visit the two areas of the property where the best copper showings are located. He did not see the area where the manganese shows, and he wasn't within 2000 feet of the molybdenum ores. Those being the three elements the correspondence inticates the TEAM was interested in.

If Bingham Canyon, Castle Dome, or Inspiration can be a success, so can our #3 property, But we have to have examiners who will look, as well as be serious in their intent to bring about producing mines.

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If there is genuine intent to assist worthy mine operators, or worthy mines; we are open minded, in fact we would be most refreshed to see some evidence of it.

Yours,

H. Brown

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

August 23, 1954

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Wilbur, Washington

Re: Docket No. DMEA-3376 (copper)
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

Willard Puffett is in the field at present and has asked me to answer your letter of August 14, 1954.

When our men examined the property, they confined their examination to adit Nos. 1, 2, 3, and 34, as these were the only ones mentioned in the application. The results of this examination did not indicate to us that there was justification for entering into a contract to explore the property.

I am sorry to say that examination of other claims and adits on your company's ground cannot be made unless we have an application for an exploration project on the particular property you want to explore. If you have other showings which you feel have merit, we shall be glad to receive an application. We wish to point out that should you present an application, it should be accompanied by assays and maps which show something worthwhile in the way of a target for the exploration.

When Mr. Puffett returns from the field, he will answer the specific questions in your letter.

Yours sincerely,

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

cc: DMEA (2) w/cy incoming
USBM (2) " "
Puffett

CONSOLIDATED MINES & SMELTING CO., LTD.
OF WASHINGTON, U. S. A.
MAIN OFFICE: STAR ROUTE, WILBUR, WASH.

6/14

Mr. Willard P. Puffitt

D. N. E. A. Team

Spokane

U.S.G.S. SPOKANE, WASH.

JUN 13 1954

Dear Sir:

Yours of the 12th in hand. Am somewhat confused in that you advise you visited all the adits I had suggested. Could you review for me, the openings I had suggested you visit.

Also, I note that your letter specifies "copper"., while the previous correspondence covered thee elements: copper, manganese and molybdenum.

As the richest showing of copper was not visited by you, and Rev. Edgar etc., it would appear that the findings would not be complete. The best molybdenum showings are on the opposite end of the property from that you and the other gentlemen visited.

I am advised that the time consumed examining the property was about two hours. This would indicate that but a fraction of the openings were visited as it would take a day or more just to visit the various openings, let alone take adequate samples.

And I am advised that you only visited #3 property, where-as we have two other properties here in the Keller area.

Trusting we may be able to have our numerous showings examined,

I am, Yours,

President, Consolidated Mines.

All claims and adits were examined in the with exp. of Co.

File Copy
Surname

Griswold
Martin
Larrabee
Hedges
Ferguson

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

500

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Wilbur, Washington

Re: Docket No. DMEA-3376 (Copper)
Consolidated Mines
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

Your application for aid for an exploration project and other reports available to us in Washington concerning your application 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 copper mineralization on your property, indicates to us that the probability of disclosing minable ore reserves by your proposed program 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,

C. O. Mittendorf

Administrator

WRGriswold/er 8/17/54

Copy to: Docket
Admr. R. File
Op. Committee
Region II (2)
Base Metals
Mr. Gildersleeve
Mr. C. H. Johnson, USBM
Chron.

File Copy
Surnamed

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

August 17, 1954

Memorandum

To: Administrator

From: Chief, Base Metals Division

Subject: Denial of application, Docket No. DMLA-3376
Consolidated Mines, Silver Ridge Group
Ferry County, Washington (Copper)

The subject property was carefully examined by an engineer and a geologist and is about as devoid of interesting mineralization as can be imagined. The area is one of granitic rock with many dykes. People with little knowledge of mining or ore occurrence have driven many adits along the dykes, exposing nothing other than a few casual copper stains.

W. R. Griswold

W. R. Griswold

WRGriswold/er 8/17/54

Copy to: Docket
Base Metals
Chron.

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

August 17, 1954

Memorandum

To: Administrator

From: Chief, Base Metals Division

Subject: Denial of application, Docket No. DMEA-3376
Consolidated Mines, Silver Ridge Group
Ferry County, Washington (Copper)

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W. R. Griswold

W. R. Griswold

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

August 17, 1954

Memorandum

To: Administrator

From: Chief, Base Metals Division

Subject: Denial of application, Docket No. DMEA-3376
Consolidated Mines, Silver Ridge Group
Ferry County, Washington (Copper)

The subject property was carefully examined by an engineer and a geologist and is about as devoid of interesting mineralization as can be imagined. The area is one of granitic rock with many dykes. People with little knowledge of mining or ore occurrence have driven many adits along the dykes, exposing nothing other than a few casual copper stains.

W. R. Griswold
W. R. Griswold

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

August 12, 1954

Docket

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Wilbur, Washington

Re: Docket No. DMEA-3376 (copper)
Consolidated Mines and Smelting
Company, Ltd., of U. S. A.
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

I did not answer your previous letter as I had assumed that either Reverend Edgar or Mr. Schmick would inform you that Webster S. Anderson, Engineer, U. S. Bureau of Mines, and I had examined your property on Tuesday, June 29, 1954. We have since made our report and transmitted it to our Washington office. Further information concerning your application will come from that office.

Of course, neither Reverend Edgar nor Mr. Schmick were familiar with the application you had submitted, but on our examination we inspected all the adits and other localities specified in your application. The information we obtained, plus other information we have in our files concerning your property, was sufficient to complete our report covering your application. Therefore, we do not plan an additional visit to your property unless our Washington office specifically requests it.

Yours very truly,

Willard P. Puffett
Geologist

cc: DMEA (2)
USBM (2)
Puffett

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

Griswold

August 4, 1954

Memorandum

To: W. R. Griswold, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-3376 (Copper) Consolidated Mines and Smelting Company, Silver Ridge Group, Ferry County, Washington

The above-named application was handled first as a manganese application and evidently was referred to the field. However, when the field team report was received it was labeled "copper" and as I understand it the application is now in your hands for processing.

I have reviewed the field report by Puffett and Anderson, dated July 14, 1954, which was transmitted to the Operating Committee by the Field Team July 21 with a concurrent recommendation for denial. The field examination report states, "Insufficient concentrations of ore minerals were seen to merit their being sampled", and I am sure that in view of the examiners' experience this means that they could find nothing of conceivable interest. I believe the report justifies the negative recommendation.

The application is returned herewith.

C. H. Johnson

C. H. Johnson

Attachment

Copy to - Mr. Newcomb, USGS
Minerals Division
Mr. DeHuff - Room 3523
C. H. Johnson
Files

IN REPLY REFER TO:

Lawrence Betty

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

August 2, 1954

RE: DMEA-3376
Consolidated Mines & Smelting Co., Ltd.
Silver Ridge Group
Ferry County, Wash.
$6,000 - Manganese-Copper

Memorandum

To: W. S. Martin
Defense Minerals Exploration Administration

From: E. L. Newcomb
U. S. Geological Survey

Subject: Concurrence with Field Team recommendation for denial

The Field Team examination indicated the applicant's proposal did not warrant DMEA exploration assistance.

I concur with the Field Team's conclusions and recommend this application be denied.

E. L. Newcomb

E. L. Newcomb

IN REPLY REFER TO:

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

August 2, 1954

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Consolidated Mines & Smelting Co., Ltd.
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E. L. Newcomb

ELNewcomb:hlm
G-8/2/54

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
Gilbert DeHuff, 3523

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

July 21, 1954

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

Re: Docket No. DMEA-3376 (copper)
Consolidated Mines and Smelting
Company, Ltd., of U. S. A.
Silver Ridge Group
Ferry County, Washington

Dear Mr. Selfridge:

Enclosed are four copies of an examination report by Willard P. Puffett, Geological Survey, and Webster S. Anderson, Bureau of Mines.

The field examiners recommend that the application be denied; the Field Team concurs with this recommendation.

By Field Team, Region II

A. E. Weissenborn

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

Wing G. Agnew

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

Enclosure (in quad.)
cc: USBM (2)
Puffett

Reviewed by
DMEA OPERATING COMMITTEE
7-30-54
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

July 14, 1954

Defense Minerals Administration
Filed
JUL 26 1954

Memorandum

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey and Webster S. Anderson, Engineer, U. S. Bureau of Mines

Subject: Docket No. DMEA-3376 (copper), Examination report, Consolidated Mines and Smelting Company, Ltd., of U. S. A., Silver Ridge Group, Ferry County, Washington

APPLICANT

Consolidated Mines and Smelting Company, Ltd., U. S. A.
Star Route, Wilbur, Washington

SUMMARY

The Silver Ridge Group is a number of claims on which numerous adits have explored partially silicified and pyritized portions of granite and quartz porphyry of the Colville Batholith. The adits have in part followed contacts of basic dikes which have intruded the granodiorite. A few strong faults have been intersected by the underground workings. Scattered disseminated pyrite and very sparse copper stain occur locally. At least one very narrow vein containing galena is exposed near the portal of one adit. With the exception of possible low-grade gold-silver ore, no evidence can be seen of any possible oreshoot containing minable quantities of copper, lead, or molybdenum on the property.

RECOMMENDATION

It is recommended that the application be denied.

EXAMINATION

The Silver Ridge Group property was examined on Tuesday, June 29, 1954, by Webster S. Anderson, engineer, Bureau of Mines, and Willard P. Puffett, geologist, Geological Survey. The Reverend E. E. Edgar, vice-president of the Consolidated Mines and Smelting Company, Ltd., U. S. A., and Mr. H. Schmick, a company stockholder, accompanied the examiners.

Reviewed by
DMEA OPERATING COMMITTEE

7-24-54
(date)

Although there are at least 34 adits on the group of claims, only Tunnels No. 1, 2, 3, and 34 were inspected, as these were the only ones to which reference was made in the application. No maps were made of any of the adits, as the evidence found by cursory inspection of the exposures in the adits did not justify taking the time necessary to make detailed maps.

About three hours were spent at the property.

NAME AND LOCATION OF PROPERTY

The Consolidated Mines and Smelting Company, Ltd., U. S. A., has consolidated 3 patented claims and 55 unpatented claims into the Silver Ridge Group. The application states these claims are in sec. 33, R. 36 E., T. 22 N., W.M., San Poil Mining District, Ferry County, Washington. An inspection of the Keller, Washington, quadrangle topographic map shows that the correct location of the claims is secs. 5 and 6, T. 29 N., R. 33 E., W.M., Ferry County, Washington.

To reach the property, one travels north on State Highway 4 from Wilbur, Washington, to the Keller Ferry. Follow the state highway 7.4 miles north from the ferry landing to the San Poil Camp ground. From this point the mine road leads westward 1.2 miles to the mine camp. The mine road can probably be used during all months of the year except during period of heavy snowfall.

COMPETENCY OF APPLICANT

According to the application, Mr. Hugh Brown, president of Consolidated Mines and Smelting Company, Ltd., U. S. A., has had college training in mining engineering and mineralogy. According to Mr. Edgar, Mr. Brown's father, now deceased, was, in fact, a mining engineer and did much of the pioneer work on the property. Mr. Hugh Brown now operates some type of mineral specimen store in southern California.

It was obvious that neither Reverend Edgar nor Mr. Schmick had any but the most rudimentary understanding of mining and ore deposits.

The many adits that have been driven on the group of claims without finding any ore suggest that probably there has never been anyone associated with the company competently advising or directing operations.

APPLICANT'S PROPERTY RIGHTS

The applicant owns 3 patented claims, 7 in process of patenting and 48 claims by location.

DESCRIPTION OF PROPERTY

The Silver Ridge Group of claims are on the southeast slopes of Mount Tolman, at altitudes ranging from 1,500 feet to 2,800 feet. These slopes are all relatively steep and have a thin mantle of soil cover. They are covered with scattered logging timber, and scattered small bushes grow on the north-facing slopes.

The Keller, Washington, quadrangle map shows 10 adits and 1 shaft, plus 6 buildings. Mr. Edgar exhibited a crude sketch map on which were shown at least 34 adits, plus numerous prospect pits. There are several habitable cabins at the mine camp, plus the office building, to which a small chapel is currently being added.

The four adits that were inspected on the examination ranged in length from 50 feet to more than 1,200 feet. All the adits are in fair to good condition. A winze, sunk approximately 200 feet from Adit No. 3, was filled with water. The only timber in the tunnels was at intersections with strong faults.

No map of all the workings is available and none was made on the examination.

GEOLOGY

The geology, geography, and mineral deposits of the Keller district have been described by Pardee. 1/ He describes the rock underlying the area as light-gray granite, with intrusions of quartz-bearing porphyry, hornblende porphyry, and andesite. A few remnants of metamorphosed sedimentary rocks of the Covada Group cap some of the ridges. According to Pardee 2, the Covada Group is probably upper Paleozoic, possibly Carboniferous. The granitic rocks are assigned to the Colville Batholith of middle to late Mesozoic age. 3/ The porphyries and the andesite are probably Upper Miocene in age. 4/ All of the metalliferous lodes in the area, with the exception of two contact-metamorphic deposits, are believed by Pardee to be replacement veins. 5/

1/ Pardee, J. T., Geology and mineral deposits of the Colville Indian Reservation, Washington: U. S. G. S. Bull. 677, pl. IX, pp. 103-131, 1918

2/ Idem. pp. 25-27

3/ Idem. pp. 33-34

4/ Idem. p. 40

5/ Idem. p. 108

Apparently the area is one in which there are scattered narrow veins containing copper, lead, zinc, and, rarely, molybdenum minerals. Some nickel is reported to be in the area. Gold and silver are probably the most important economic minerals present. A number of the underground workings have been checked recently for radioactive minerals by Government examiners with negative results.

Tunnel Nos. 1, 2, 3, and 34 were inspected by DMEA examiners. Tunnel No. 34 has in excess of 2,000 feet of workings. The main adit trends N. 60° W. and cuts silicified granitic rocks, probably the quartz-bearing porphyry described by Pardee. A number of drifts to the north and to the south have been driven from this adit. These drifts, in general, follow contacts with basic (andesite?) dikes. A system of persistent parallel fault zones, each averaging about 12 inches wide, has been intersected by the drifts.

Tunnel Nos. 1, 2, and 3 were driven in similar type rock to that exposed in Tunnel No. 34. Silicification and scant pyrite disseminations occur in all the rock. Along some of the faults are a few drips of green to blue copper stain.

In Tunnel No. 1, a narrow vein strikes N. 60° W. and contains a few crystals of galena. In the wall rock bounding this vein, there is much brownish-black manganese stain.

Insufficient concentrations of ore minerals were seen to merit their being sampled.

There were no indications that ore had been produced from the property and, with the possible exception of low-grade gold-silver ore, there are no ore reserves on the property.

PAST OPERATIONS

Past operations at the property include driving of a great many adits and excavating numerous prospect pits. The many buildings at the mine camp site suggest that a sizable crew had been employed at one time. No records of any ore shipments from the property are available and it is extremely doubtful that any ore has ever resulted from the great amount of work that has been completed.

APPLICANT'S PROPOSAL

The applicant has proposed to strip the surface above the portals of the No. 1 and No. 2 tunnels with a bulldozer to expose what he believes to be a blanket of good ore in both locations. He also proposes a raise from the No. 34 tunnel to intersect the bottom of the 200-foot winze sunk from the No. 3 tunnel. This raise would permit access to old workings in which there is reported to be a 6-foot width of "black stuff."

Neither Mr. Edgar nor Mr. Schmick were acquainted with the applicant's proposal and thus discussions with them regarding the proposal were useless.

No indications of any good blanket of ore above Tunnels No. 1 and No. 2 were seen. Access could be gained to the bottom of the winze in Tunnel No. 3 by simply pumping and rehabilitating necessary portions of it. A raise would scarcely be justified.

It is not believed the property merits further exploration of any kind for base metals. Certainly the proposal outlined by the applicant is devoid of merit.

Distribution:
DMEA (4)
USBM (2)
Docket
USGS (SRO)
Puffett

400

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

July 21, 1954

Mr. Adams' office has it under Manganese

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

Re: Docket No. DMEA-3376 (copper)
Consolidated Mines and Smelting
Company, Ltd., of U. S. A.
Silver Ridge Group
Ferry County, Washington

Dear Mr. Selfridge:

Enclosed are four copies of an examination report by Willard P. Puffett, Geological Survey, and Webster S. Anderson, Bureau of Mines.

The field examiners recommend that the application be denied; the Field Team concurs with this recommendation.

By Field Team, Region II

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

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

Enclosure (in quad.)
cc: USBM (2)
Puffett

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

July 14, 1954

JUL 26 1954

Memorandum

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey and Webster S. Anderson, Engineer, U. S. Bureau of Mines

Subject: Docket No. DMEA-3376 (copper), Examination report, Consolidated Mines and Smelting Company, Ltd., of U. S. A., Silver Ridge Group, Ferry County, Washington

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It is not believed the property merits further exploration of any kind for base metals. Certainly the proposal outlined by the applicant is devoid of merit.

Distribution:
DMEA (4)
USBM (2)
Docket
USGS (SRO)
Puffett

Memorandum

To: Willie R. Griswold

From: Robert E. Adams

Subject: Docket No. DMEA-3376

There is attached Docket No. DMEA-3376, Consolidated Mines and Smelting Company, which was docketed in as a manganese application. However, after being sent to the field, it was determined to be a copper application and the Field Team recommended denial. It seems proper that the Base Metals Division should take final action on the application.

Attachment

REAdams/la/7-28-54

Copy to: Adm. R. File
Mails & Files

IN REPLY REFER TO:

Market

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

June 15, 1954

Memorandum

To: Mr. W. S. Martin, DMEA

From: E. L. Newcomb, USGS

Subject: Review of application

Re: DMEA-3376
Consolidated Mines & Smelting Co., Ltd.
San Poil District
Ferry County, Washington
$6,000
Manganese, Copper and Molybdenum

The applicant proposes trenching and stripping work over the No. 1 and No. 2 tunnels and raising from the No. 34 tunnel to gain access to old workings. Though manganese-copper-molybdenum exploration assistance is requested, the application reports only the presence of silver minerals on the No. 3 dump.

An unpublished Survey reconnaissance report prepared in 1942 briefly describes the geology of the applicant's claims. Mineralization is mainly quartz and disseminated pyrite in an ore zone in granite. The zone also carries small amounts of rhodocrosite and a few seams of chalcopyrite, galena and fluorite. Though the zone of mineralization can be traced for 2500 feet, it contains numerous dikes and plugs of barren (post-mineral) monzonite porphyry. Assays of samples taken in 1942 contained nil to trace amounts of gold, silver, copper and molybdenum.

Our available information is limited, but it does indicate that DMEA assistance for manganese, copper and molybdenum probably is not warranted on the property. Significant manganese mineralization is not reported. However, as copper and molybdenum are present, though in very minor amounts, this application should be referred to the Base Metals Division, DMEA, for their consideration.

Unless the applicant can present more appropriate information in support of his application, i. e., favorable evidence disclosed by more recent work, geologic maps, assay certificates, I recommend the application be denied without referral to the field team.

E. L. Newcomb

E. L. Newcomb
Geologist

Copy re[illegible]

400

DOCKET
Surname:

Can
Martin
DeHuff
Lavatie
Hedges
Selfridge
Johnson

JUN 1 4 1954

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Wilbur, Washington

Re: Docket No. DMEA 3376 - Manganese, Copper, and Molybdenum
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

The above-docketed application for exploration assistance has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II, South 157 Howard Street, Spokane 4, Washington, for a field examination of the property.

Any assistance that you can render the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf (fw

Administrator

cc: DOCKET
FT, REG. II
CODE 400
OPER. COMM.
ADM. READ. FILE
GILBERT DE HUFF, USBM
LOUIS PAVLIDES, USGS

FARutledge/ls
6/11/54

R.C.B.

400

DOCKET
Surname:

Can
Martin
Deffeyes
Selfridge
J E Johnson

JUN 14 1954

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

Re: Docket No. DMEA 3376 - Manganese, Copper, and Molybdenum
Consolidated Mines
Silver Ridge Group
Ferry County, Washington

Dear Mr. Weissenborn:

Reference is made to the subject docket and your letter of May 26, 1954, which states that a field examination of the property will be scheduled at an early date.

We will, therefore, hold this application in abeyance until the report and recommendations by the Field Team are received.

In reviewing the subject docket, it was noted that the applicant has listed manganese, copper, and molybdenum, in that order, as the minerals for which exploration assistance was requested. The Operations' Control and Statistics Division, DMEA, therefore, docketed the application with manganese as the primary commodity and referred the application to the Iron and Ferro-Alloys Division, DMEA. However, your transmittal letter of May 26 gave molybdenum and copper as the commodities and called attention to the applicant's mention of stephanite and other rich silver minerals. It would, therefore, be appreciated if the Field Team report would state the commodity under which the application should be considered.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Approved:

J. H. Hedges (JHB)
Member, Bureau of Mines

D. M. Larrabee (JHB)
Member, Geological Survey

Copy to: DOCKET
FIELD TEAM, REG. II
CODE 400
ADM. READ. FILE
OPER. COMMITTEE
G. DE HUFF, USBM
L. PAVLIDES, USGS

FARutledge/ls
6/11/54

R.C.B.

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WASHINGTON 25, D.C.

No. 157 Howard Street
Spokane 4, Washington

Department of the Interior
Defense Minerals Administration
RECEIVED
JUN 7 1954

June 2, 1954

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Milan, Washington

3376

W 504

Manganese

Re: Application (Molybdenum-Copper)
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

It will be necessary that we make a field examination of your property to determine the feasibility of your proposed project for DMA assistance. If weather conditions permit we want to make this examination at an early date. It will be necessary that a representative of your company accompany us on this examination. Will you kindly inform us whom we should contact and where so that arrangements can be made.

Very truly yours,

William H. Puffett
For: F. A. Eisenborn
Executive Officer, DMA
Field Team, Region II

cc: DMA (2)
DMA (2)
Puffett

Copy returned

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

June 2, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region II

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 II.

DMEA - 3376 Consolidated Mines

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

Consolidated Mines
Hugh Brown, Superintendant
Star Route
Wilbur, Washington

June 2, 1954
DMEA-3376
Subject: Exploration Assistance
Re: Silver Ridge Group

Dear Sir:

The receipt of your application dated May 3, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3376 and referred to the Iron and Ferro Alloys Division.

Kindly refer to in any future correspondence relating to your application.

Sincerely yours,

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

May 26, 1954

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

Re: Application (molybdenum-copper)
Consolidated Mines
Silver Ridge Group
Ferry County, Washington

DMEA 3376

Dear Mr. Selfridge:

Enclosed are 3 copies of an application for exploration assistance of copper and molybdenum at the Silver Ridge Group of Claims, in the San Poil Mining District, near Keller, Ferry County, Washington. Also attached are copies of a letter received from the applicant wherein certain questions are answered that were not fully covered by the application.

Although the application states the commodities are copper and molybdenum, the letter from the applicant mentions a strong show of stephanite. Ag_5SbS_4

The total amount of money requested is small but seems adequate to accomplish the proposed work. It appears that the proposal to raise from the 34 tunnel to dewater old workings is in the nature of development. No maps were submitted with the application though, so it is difficult to determine just what this raising will accomplish.

We have requested and received additional information not included in the application but it will be necessary to make a field examination as apparently the applicant does not have a map of his workings.

We will schedule a field examination of this property at an early date.

Sincerely yours,

A. E. Weissenborn

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

Enclosures
cc: USBM (2)

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 10 1954
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. 3376
Metal or Mineral Manganese, Copper & Molybdenum
Date Received
Estimated Cost $6,000
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: Consolidated Mines
High Grade, Superintendent
Star Rt. Wilbur, Wash.

(*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 Being all adjacent to Keller Cove
patented claims in the Gun Hill Mining District. Sect. 33, T. 36.

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

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

(*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.

(*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.

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 ~~manganese~~ copper, molybdenum

(*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.

(*c*) The work will start within 30 days and be completed within 6 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)?

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

☐ 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 5/3/54, 195__

Consolidated Mines
(Applicant)

By Hugh Brown

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

me, Silver Ridge Group of mining claims.
. 4 Workings include several open-cuts and four tunnels as shown over.
uired new work would show whether high-grade ore occurs, and quantity
same.
. No commercial production.
. Very old granitic formation, intruded by porphyry lenses and quartz veins.
me areas general mineralization, plus secondary enrichment, at succeeding
d lowering water-tables.
. State highway 3/8 mile connected by Company road.
. Plenty of manpower, water, timber, power.
5. b. It is proposed that excavating from the surface, plus stripping
ere desirable; will disclose feasibility of open-pit mining for rather
tensive medium to low-grade ores in considerable tonnages.
. Superintendant has had college training in mineralogy and mining engin'g
. 6, a. Estimated cost of app. $6,000.00 for this years project.
independant contracts considered.
. Assays to a probably $300.00.
. Powder and dynamite: $300.00.

fuses, caps.	$30.00	Labor:		
gasoline	$150.00	muckers @	$12.00	$900.00
oil	15.00	miner	24.00	$1600.00
Steel & bits	125.00	Super.	30.00	$3300.00
Transportation	100.00	handyman	by day	
Power (elec)	150.00			
Misc.	100.00			

. bulldozer, 20 to 30 days at $100.00 per day with operator.
. re-timbering where necessary. De-watering. Air-pipe removal, etc.
. possible new roof coating over miner's bunkhouse, plus painting.
. estimated $150.00 to rehabilitate all air-tools, compressor, etc.
. Surveyor will be needed for two or more days.
. 7. a. We are prepared to furnish our share of expence in wages,
supervisory personel and equipment.

COPY

Consolidated Mines & Smelting Co., Ltd.
of Washington, U. S. A.
Main Office: Star Route, Wilbur, Wash.

5/25

Mr. William Puffett
D. M. E. A.
So. 157 Howard St.
Spokane 4, Wash.

Dear Sir:

The above Company has app. 500 stockholders thru-out the country.

It is a Washington corporation.

We have two bits of work which should be done:

Over the portal of both No. 1 and No. 2 tunnel, there is a blanket of good ore. The area about both should be stripped to disclose the extent of these blankets.

No. 3 has a winze of app. 200 feet depth. An upraise should be run from No. 34 tunnel to contact the bottom of this winze, dewater it and permit access to those old workings.

Ore on the No. 3 dump has considerable stephanite, and other rich silver minerals, and one of the miner's still living at Keller, who was on the work in the above winze, advises they struck 6 feet width of that "black stuff" when they last were working.

Our claims are (3) patented, 7 in process of patenting and app. 48 by location.

Refer, page 31, book 11, records of Ferry County.

Trusting this covers yours of the 12th, I am,

Very truly,

/s/ Hugh Brown

For Consolidated Mines

RECEIVED
MAY 24 1954
U. S. G. S.
SPOKANE, WASH.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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Not to be filled in by applicant

Docket No. 3376
Metal or Mineral Manganese, Copper & Molybdenum
Date Received
Estimated Cost $6,000
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: Co-solidated Mines
Hugh Dow, Superintendent
Star Rt. Wilbur, Wash

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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 Join all adjacent to Keller Homesite and westerly thereof in the Lon Boil Mining District, Sect. 33, T. 26, R 22

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

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

(*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.

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[X] Money [X] Use of equipment owned by you [X] Other

Explain in detail on acompanying paper.

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Dated 5/3/54, 195__

Consolidated Mines
(Applicant)

By Hugh Brown

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U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

Lone, Silver Ridge Group of mining claims.
P. 4 Workings include several open-cuts and four tunnels as shown over. Underground work would show whether high-grade ore occurs, and quantity of same.
b. No commercial production.
c. Very old granitic formation, intruded by porphyry dikes and quartz veins. Some areas general mineralization, plus secondary enrichment, at succeeding and lowering water-tables.
d. Stock Highway 3/8 mile connected by 3o gravel road.
e. Plenty of manpower, water, timber, power.
P. 5. a. It is proposed that excavating, from the surface, plus stripping where possible; will disclose possibility of open-pit mining nor rather extensive method to low-grade ores is considerable to assays.
b. Superintendent has had college test in ~~[illegible]~~ ???
P. 6, a. Estimated cost of app. $3,000.00 for this years project.
b. Equipment contracts considered.
c. Assays to a probably $300.00.
d. Powder and dynamite: $300.00.

fuses, caps.	$30.00	Motor:		
gasoline	$100.00	Tractors 6	$12.00	$900.00
oil	16.00	Miner	24.00	$1600.00
steel & bits	125.00	Super.	30.00	$2300.00 = over 3300/6000 or 55%
Transportation	100.00	Handyman	by day	
Power (elec)	150.00			
Misc.	100.00			

e. Bulldozer, 20 to 30 days at $100.00 per day with operator.
e. re-timbering where necessary. Re-stoping. Air-pipe removal, etc.
f. possible roof coating over miner's bunkhouse, plus painting.
g. estimated $150.00 to rehabilitate all air-tools, compressor, etc.
h. Surveyor will be needed for two or more days.
P. 7. a. We are prepared to furnish our share of expense in wages, supervisory personal and equipment.

COPY

Consolidated Mines & Smelting Co., Ltd.
of Washington, U. S. A.
Main Office: Star Route, Wilbur, Wash.

5/25

Mr. William Puffett
D. M. E. A.
So. 157 Howard St.
Spokane 4, Wash.

Dear Sir:

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It is a Washington corporation.

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Our claims are (3) patented, 7 in process of patenting and app. 48 by location.

Refer, page 31, book 11, records of Ferry County.

Trusting this covers yours of the 12th, I am,

Very truly,

/s/ Hugh Brown

For Consolidated Mines

RECEIVED
MAY 24 1954
U. S. G. S.
SPOKANE, WASH.

IN REPLY REFER TO:

400

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

June 15, 1954

Re: IMEA-3376
Consolidated Mines & Smelting Co., Ltd.
San Poil District
Ferry County, Washington
$6,000
Manganese, Copper and Molybdenum

Memorandum

To: Mr. W. S. Martin, IMEA

From: E. L. Newcomb, USGS

Subject: Review of application

The applicant proposes trenching and stripping work over the No. 1 and No. 2 tunnels and raising from the No. 34 tunnel to gain access to old workings. Though manganese-copper-molybdenum exploration assistance is requested, the application reports only the presence of silver minerals on the No. 3 dump.

An unpublished Survey reconnaissance report prepared in 1942 briefly describes the geology of the applicant's claims. Mineralization is mainly quartz and disseminated pyrite in an ore zone in granite. The zone also carries small amounts of rhodocrosite and a few seams of chalcopyrite, galena and fluorite. Though the zone of mineralization can be traced for 2500 feet, it contains numerous dikes and plugs of barren (post-mineral) monzonite porphyry. Assays of samples taken in 1942 contained nil to trace amounts of gold, silver, copper and molybdenum.

Our available information is limited, but it does indicate that IMEA assistance for manganese, copper and molybdenum probably is not warranted on the property. Significant manganese mineralization is not reported. However, as copper and molybdenum are present, though in very minor amounts, this application should be referred to the Base Metals Division, IMEA, for their consideration.

Unless the applicant can present more appropriate information in support of his application, i. e., favorable evidence disclosed by more recent work, geologic maps, assay certificated, I recommend the application be denied without referral to the field team.

E. L. Newcomb
Geologist

7-28-54

Transferred to Code 500 as per Mr. Adams' request.

Field Team says Copper instead of manganese.

F. O'C

400

JUN 1 4 1954

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Wilbur, Washington

Re: Docket No. DMEA 3376 - Manganese, Copper, and Molybdenum
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

The above-docketed application for exploration assistance has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II, South 157 Howard Street, Spokane 4, Washington, for a field examination of the property.

Any assistance that you can render the members of the Field Team will be appreciated.

Sincerely yours,

K. O. Mittendorf

Administrator

cc: DOCKET
FT, REG. II
CODE 400
OPER. COMM.
ADM. READ. FILE
GILBERT DE HUFF, USBM
LOUIS PAVLIDES, USGS

Reviewed by
DMEA OPERATING COMMITTEE
6-11-54
(date)

FARutledge/ls
6/11/54

400

JUN 14 1954

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

Re: Docket No. DMEA 3376 - Manganese, Copper, and Molybdenum
Consolidated Mines
Silver Ridge Group
Ferry County, Washington

Dear Mr. Weissenborn:

Reference is made to the subject docket and your letter of May 26, 1954, which states that a field examination of the property will be scheduled at an early date.

We will, therefore, hold this application in abeyance until the report and recommendations by the Field Team are received.

In reviewing the subject docket, it was noted that the applicant has listed manganese, copper, and molybdenum, in that order, as the minerals for which exploration assistance was requested. The Operations' Control and Statistics Division, DMEA, therefore, docketed the application with manganese as the primary commodity and referred the application to the Iron and Ferro-Alloys Division, DMEA. However, your transmittal letter of May 26 gave molybdenum and copper as the commodities and called attention to the applicant's mention of stephanite and other rich silver minerals. It would, therefore, be appreciated if the Field Team report would state the commodity under which the application should be considered.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

D. M. Larrabee

Member, Geological Survey

Copy to: DOCKET
FIELD TEAM, REG. II
CODE 400
ADM. READ. FILE
OPER. COMMITTEE
G. DE HUFF, USBM
L. PAVLIDES, USGS

FARutledge/ls
6/11/54

402

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
No. 157 Howard Street
Spokane 4, Washington

June 2, 1954

Mr. Hugh Brown, Superintendent
Consolidated Mines
Star Route
Wilbur, Washington

3376

Re: Application (Molybdenum-Copper)
Silver Ridge Group
Ferry County, Washington

Dear Mr. Brown:

It will be necessary that we make a field examination of your property to determine the feasibility of your proposed project for DMEA assistance. If weather conditions permit we want to make this examination at an early date. It will be necessary that a representative of your company accompany us on this examination. Will you kindly inform us when we should contact and where so that arrangements can be made.

Very truly yours,

William A. Ruffett
For: A. E. Eisenhorn
Executive Officer, DMEA
Field Team, Region II

cc: USBM (2)
DMEA (2)
Ruffett

Copy to:

402

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

May 26, 1954

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

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Silver Ridge Group
Ferry County, Washington

Dmea 3376

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Enclosed are 3 copies of an application for exploration assistance of copper and molybdenum at the Silver Ridge Group of Claims, in the Sam Poil Mining District, near Keller, Ferry County, Washington. Also attached are copies of a letter received from the applicant wherein certain questions are answered that were not fully covered by the application.

Although the application states the commodities are copper and molybdenum, the letter from the applicant mentions a strong show of stephanite.

The total amount of money requested is small but seems adequate to accomplish the proposed work. It appears that the proposal to raise from the 34 tunnel to dewater old workings is in the nature of development. No maps were submitted with the application though, so it is difficult to determine just what this raising will accomplish.

We have requested and received additional information not included in the application but it will be necessary to make a field examination as apparently the applicant does not have a map of his workings.

We will schedule a field examination of this property at an early date.

Sincerely yours,

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

Enclosures
cc: USBM (2)