DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

## CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2670

## DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION PROJECT

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.

Routing Slip

Copies to USBM and USGS. One retained in Region IV.

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| To: | Code 400, Rm. 3538 | Date | 8-25-52 |
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## CONTROLLED DOCUMENT

INT.-DUP. SEC., WASH., D.C. 98868

400

2 670

JUN 11 1953

Mr. [illegible] King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. [illegible] - 2670 (Iron)
Helen Heslin and [illegible] Wimke
Home Guard Nos. 1, 2 & 3 claims
Crook County, Wyoming

Dear Mr. King:

In response to your inquiry of June 4 as to the status of the subject docket, this is to advise that we removed the docket from our active files by memorandum dated May 4, 1953, an extra copy of which is enclosed.

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Chairman
Operating Committee

Enclosure

WSMartin/ls 6/9/53

Copy to: Docket
Adm. Read. File
Code 400
Oper. Committee
FT, Reg. 4
Martha Carr, GS
H. V. Davis, USBM

APPROVED:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

C O P Y

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

May 4, 1953

MEMORANDUM

To: R. E. Adams, Chief, Oper. Control and Statistics Division

From: Iron and Ferro-Alloys Division

Subject: Removal of application from the active files
Docket No. DMEA 2670 - Iron
Ralph Redlin & R. E. Kahnke
Home Guard Nos. 1, 2, and 3 claims
Crook County, Wyoming

The applicants were notified on September 4, 1952, that they must furnish additional information before their program could be processed.

Some of the information was received but the applicants did not furnish the data necessary to evaluate their proposed project. On November 4, 1952, they were advised by letter that if no further word was received by November 28, 1952, the application would be transferred without prejudice from the active files and the matter closed. The applicants were granted an additional 90 days' grace in response to their letter of November 24, 1952; and when Mr. Redlin visited this office on January 2, 1953, he was told that the docket would be kept open until May 1, 1953.

To date, we have not received any additional information, and we are, therefore, removing the subject docket from our Division files. The docket is transmitted herewith.

W. S. Martin

W. S. Martin, Acting Chief
Iron and Ferro-Alloys Division

Attachment

CC: Docket
Admn. Read. File
Code 400
Field Team, Region 4

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

224 New Customhouse
Denver 2, Colorado

June 4, 1953

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-2670 (Iron), Ralph Redlin and R.E. Kahnke, Home Guard Nos. 1, 2 and 3 Claims, Crook County, Wyoming

Your letter dated March 30, 1953, on the subject application indicated that this docket remains active and the time limit had been extended to May 1, 1953.

Will you please advise if this docket is now closed.

W. H. King

W.H. King

May 4, 1953

MEMORANDUM

To: R. E. Adams, Chief, Oper. Control and Statistics Division

From: Iron and Ferro-Alloys Division

Subject: Removal of application from the active files
Docket No. DMEA 2670 - Iron
Ralph Redlin & R. E. Kahnke
Home Guard Nos. 1, 2, and 3 claims
Crook County, Wyoming

The applicants were notified on September 4, 1952, that they must furnish additional information before their program could be processed.

Some of the information was received but the applicants did not furnish the data necessary to evaluate their proposed project. On November 4, 1952, they were advised by letter that if no further work was received by November 28, 1952, the application would be transferred without prejudice from the active files and the matter closed. The applicants were granted an additional 90 days' grace in response to their letter of November 24, 1952; and when Mr. Redlin visited this office on January 2, 1953, he was told that the docket would be kept open until May 1, 1953.

To date, we have not received any additional information, and we are, therefore, removing the subject docket from our Division files. The docket is transmitted herewith.

W. S. Martin, Acting Chief
Iron and Ferro-Alloys Division

Attachment

CC: DOCKET
ADMN. READ. FILE
CODE 400
FIELD TEAM, REGION 4

FARutledge/ls

400

400

Mr Hall

Mr. [illegible] Executive Officer
[illegible] Field Team, Region IV
2[illegible] Customhouse Building
Denver 2, Colorado

MAR 30 1953

Re: Docket No. [illegible] - Iron
[illegible]
[illegible] Nos. 1, 2, & 3 Claims
Crook County, Wyoming

Dear Mr. King:

Reference is made to the subject docket and your letter of March 20, 1953, in which, in the application of [illegible] Mahnke has been transferred to the inactive files and the docket closed.

[illegible] of January 22, 1953, [illegible] application for the submission of additional data, the time limit was extended to May 1, 1953, during a conference held with Mr. Hedlin on January 8, 1953.

The subject docket therefore remains active, and we regret that you were not notified earlier of this condition.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. E. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

cc: Docket
Field Team, Region 4
Code 400
Admn. Read. File
Operating Committee
J. M. Forbes, USBM
M. S. Carr, USGS

FARutledge/hhb
3/26/53

400

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 23 1953

224 New Customhouse
Denver 2, Colorado

March 20, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Docket DMEA 2670 (Iron), Home Guard Nos. 1, 2 and 3 Claims, Crook County, Wyoming, Ralph Redlin & R. E. Kahnke, Applicants.

Will you please advise if this docket has been closed.

W. H. King
W. H. King

HMC:ld

cc: Wilson
Koschmann
Subject
Chron.

Copy retained 400

DEC 1 1952

Mr. Alan L. Austin
Austin & Levre
Way-Penney Building
Watertown, South Dakota

Re: Docket No. DMSA 2670 - Iron
Home Guard Nos. 1, 2, & 3 claims
Crook County, Wyoming
Ralph Redlin & H. E. Kahnke

Dear Mr. Austin:

This is in reply to your letter of November 24, 1952, in which you request an additional 90 days for submitting requested data relating to the subject application. You are hereby advised that the file will be kept open until February 24, 1953, at which time it will be automatically closed unless we have received the data.

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

cc: Docket
Admn. Read. File
Field Team, Reg. 4
G. C. Selfridge
J. M. Forbes, USBM
Martha Carr, USGS

GCSelfridge:ls 11/28/52

NOV 4 1952

Mr. Alan K. Austin
Austin & Lovre
Way-Penny Building
Watertown, South Dakota

Re: Docket No. DMEA 2670 - Iron
Redlin and Kahnke
Home Guard Nos. 1, 2 and 3 Claims
Crook County, Wyoming

Dear Mr. Austin:

Reference is made to our letter of September 4, 1952, to Redlin and Kahnke asking for substantiating data that would warrant the inclusion of an exploration program on the subject property under the Defense Minerals Exploration Program. To date, we have not received these data or notification that they will be forthcoming.

We wish to cooperate fully in the matter of allowing ample time for the submission of the necessary information, but if the needed data have not been received by November 20, 1952, or we are advised that such information will be furnished, we will then remove the application from the active file and consider the matter closed.

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge'lm
11/3/52

cc: Admn. Reading File
Docket
J. M. Forbes, USBM
Martha Carr, USGS
Field Team Reg. IV
O. C. Selfridge
F. A. Rutledge

SEP 29 1952

Mr. Alan L. Austin
Austin & Lovre
Way-Penny Building
Watertown, South Dakota

Re: Docket No. BMTA 2670 - Iron
Home Guard Nos. 1, 2, & 3 Claims
Crook County, Wyoming

Dear Mr. Austin:

This will acknowledge receipt of your letter of September 17, 1952, advising us with regard to the subject application for exploration aid that the legal entity which desires to enter into a contract with the United States consists of the following copartners, without any trade name:

John Guidinger - Sundance, Wyoming
Donald Guidinger - Sundance, Wyoming
Chester Guidinger - Sundance, Wyoming
Charles Kokesh - Sundance, Wyoming
Frank Kokesh - Sundance, Wyoming
Ralph Nadlin - Milesdale, North Dakota
R. E. Kahnke - Watertown, South Dakota

We note that you are investigating the status of the "thirteen (13) additional adjoining claims to be staked and filed" as mentioned in the agreement of June 21, 1952, submitted with the above application. You urge us to process the application without waiting for the legal description of the above claims, and to make an early field examination, and you also inquire whether Messrs. Nadlin and Kahnke should employ geologists and engineers.

Your letter does not give sufficient geologic data to substantiate the belief that a significant deposit of iron ore might be found at the prospect in question. No maps were submitted to describe the proposed exploration work, and no revised estimate of costs reached us. In the absence of such information, we would not be justified in requesting a field examination.

Furthermore, without more evidence that their iron showing has merit as a prospect, we cannot recommend that Messrs. Redlin and Kubsko employ either geologists or engineers, but you can readily appreciate that before contracting to undertake a project where the Operator and the Government would each pay one half of the total costs, the partnership might benefit from competent technical advice.

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

WSMartin:lm
9/26/52

cc: Admn. Reading File
Docket
J. M. Forbes, USBM
Martha Gerr, USGS
Field Team Reg. IV
G. C. Selfridge
W. S. Martin

SEP 4 1952

Redlin and Kahake
c/o H. F. Kahake
405 - 5th Avenue, N. W.
Watertown, South Dakota

Re: Docket No. DMEA 2670 - Iron
Home Guard Nos. 1, 2, & 3 Claims
Crook County, Wyoming

Gentlemen:

Reference is made to your application for exploration assistance in proving iron ore on the subject lode mining claims. To process your application further, we shall need additional information as outlined below:

It seems apparent from the agreement of June 21, 1952, that you are authorized to act as Attorney-in-Fact for the locators and owners of the property to enable you to enter into an exploration project contract with the Government. However, it also appears from that agreement that it is the intention that any exploration project contract shall be for the account and benefit both of the five owners and of yourselves who are purchasing an interest. It is not disclosed what will be the legal entity which will enter into a contract with the United States. We presume that it will be a partnership in which all seven persons will be interested as partners. If this is the case, please advise of the name of the partnership, and the partners comprising it.

The status of the "thirteen (13) additional adjoining claims to be staked and filed" as mentioned in the same agreement of June 21, 1952, should be clarified inasmuch as land that may benefit by the exploration should be included in the legal description of the land upon which you wish to explore. It will be of assistance to us if you can give details of the tunneling operation and list your reasons for believing it necessary to remove the heavy overburden in order to explore the deposit. What disposition was made of the several tons of ore removed and were any quantitative analyses made in addition to the two submitted, one signed by G. W. Madsen but otherwise unidentified and one unsigned and unidentified. Can you let us have, with substantiating geologic data, your reasons for believing that a large deposit of iron ore is present.

Please send us copies of any available maps covering the topography and geology of the deposits and showing, if possible, the location of the tunnel, or adit, and the point from which the samples were taken as well as the extent of the proposed stripping operation. Transportation costs for a project in rough, mountainous country 30 miles from the nearest railroad point could be an important consideration with an iron ore and we shall appreciate having your further comments on the accessibility of the deposit.

In reviewing your application, we also note that you plan to purchase at a cost of approximately $45,500 equipment for the use of which the project is to be charged $54,872 (that is: $23,162 for a tractor plus $31,710 for a scraper). We normally allow depreciation over 5 years and thus for 18 months the allowable depreciation on equipment valued at $45,500 would be eighteen-sixtieths (18/60ths) of $45,500 which is $13,650.

As soon as we receive the information requested above, we shall continue processing your application.

Sincerely yours,

- S -

W. S. Martin, Acting Chief
Iron and Ferro-Alloy Division

WSMartin'lm
9/3/52

cc: Admn. Reading File
Docket
J. M. Forbes, USBM
Martha Carr, USGS
Field Team Reg. IV
W. S. Martin

IN REPLY REFER TO:

402

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

August 28, 1952

To: George C. Selfridge, DMEA

From: Martha Carr, U.S.G.S.

Subject: Exploration application $119,480 DMEA-2670 Iron Ore
Ralph Redlin and R. E. Kahnke
c/o R. E. Kahnke
405-5th Ave., NW.,
Watertown, S. Dak.

Property: The applicant's property rights consist of a lease and option on the Home Guard #1, #2, and #3 mining claims in sec. 20, T. 50 N., R. 60 W., Crook County, Wyo.

Proposal: To explore the above mentioned area by stripping as much as 80 feet of overburden to determine if sufficient iron ore is present to justify commercial production. The work could start within 10 days from the date of an exploration project contract and be completed within 2 years.

Geology: The area is underlain by Mississippian limestone (Pahasapa) which in places is overlain by Pennsylvanian sandstone (Minnelusa). The sandstone is locally stained with iron which gives it a brick-red color. The Geological Survey has no record of the occurrence of iron ore deposits in this area.

Recommendation: As a preliminary measure, it is suggested that the applicant be asked to further substantiate, with geologic data, his reasons for believing that a large deposit of iron ore is present and also to give further information regarding its accessibility. The altitude of sec. 20, according to USGS Geologic Folio 127, Sundance, Wyo.-S. Dak., by N. H. Darton, 1905, reaches over 6,000 feet, and the topography is rugged. The applicant states that the deposit is in rough country 30 miles from a railroad. These facts, coupled with the probability that the presence of a large deposit of iron ore is unlikely, would justify a denial of the application. Therefore, unless the applicant can furnish pertinent information that would warrant referring the application to the field team for advice, it is recommended that the application be denied.

cc: Director's Reading File (4212)
Branch
Division
Reading File (4212)
DMEA File (3)
Ferrous Metals File

Martha Carr:bbk G 8/28/52

MEMORANDUM

MAY 23 1952

Omaha 2670

Hon. Joseph C. O'Mahoney
United States Senate
Washington 25, D. C.

My dear Senator O'Mahoney:

This is to inform you that I have sent to Mr. John Guidinger of Lundance, Wyoming, the information concerning Government exploration aid as requested in your letter of May 19, 1952. A copy of my letter to him is enclosed.

Omaha 2670

I am returning Mr. Guidinger's letter to you. If we can be of further assistance to you in this matter, please so inform us.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

Enclosures

GCSelfridge:ls 5/23/52

CC: Mails and Files
Admn. Reading File
G. C. Selfridge
Operating Committee

C
O
P
Y

Sundance, Wyoming
May 6, 1952

Senator O'Mahoney
Washington, D. C.

Dear Senator O'Mahoney:

We are working on an iron ore claim which has a very good grade of ore in it, but we will not know how large a deposit there is until we diamond drill it. We are going to have a large crawler tractor with a bulldozer to remove enough of the top dirt to get down to the iron ore deposit.

It is going to take a considerable amount of money to finance this. I should like to ask you if it is possible to make some kind of government loan I have heard that the government is quite interested in developing new iron ore deposits. Please let me know on this, and inform me hat the requirements are for making such a loan. Please tell me also what part of the ore, when mined, the government will hold back as reserved mineral rights.

Does a person have to have a patent to a mining claim before he can mine the ore? If so, what are the requirements to such a government patent?

Yours sincerely,

Signed: John Guidinger

John Guidinger

Mr. Martin

Information received, will comment when/if reply is received your letter of 9/29/52

J M Forbes

FORBES

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 17 1952

Bur of Mines' opinion

MF-103
(Revised April 1952)

AUG 25 1952

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

# 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-2670
Metal or Mineral
Date Received 8-25-52
Estimated Cost
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: Ralph Redlin and R. E. Kahnke, c/o R. E. Kahnke, 405 5th Avenue, N. W., Watertown, South Dakota. The two above-named parties are partners doing business as Redlin and Kahnke, and the address of Ralph Redlin is Ellendale, North Dakota, and the address of R. E. Kahnke as above stated.

(*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 Applicants' property rights are in mining claims on Section 20, Township 50 N, Range 60 W of the 6th Principal Meridian, Crook County, Wyoming, and the interests are in accordance with the terms of a contract between John Guidinger, et al, Ralph Redlin and R. E. Kahnke, bearing date of July 21, 1952, copy of which is hereto attached and made a part of this application.

(*b*) State any mine name by which the property is known. Home Guard #1, #2 and #3

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise partner under mining partnership with locators

(*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. copy of the contract is submitted herewith.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. The book and page numbers of each recorded location notice are contained in the Exhibits attached to the Contract.

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 [illegible] to explore iron ore

(*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 10 days and be completed within 2 years 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)? Yes

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

[x] Money [x] 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 July 22, 1952

KAHNKE AND REDLIN
(Applicant)

By Ralph Redlin Partner.

R E Kahnke Partner.

**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

ANSWERS TO QUESTIONS APPEARING ON MF-103, "APPLICATIIN FOR AID IN AN EXPLORATION PROJECT," REDLIN AND KAHNKE, WATERTOWN, S. D.

The numbering observed on the following sheets will be the numbers appearing on the Form MF-103.

4 (a) Some exploration work has been done on the claims described in the contract and iron ore veins have been discovered. One tunnel back into a hill has been carried a distance of about thirty feet and it looks as though there is a very good iron ore deposit. The tunnel has caved in because of the overburden. In order to accurately determine how large the iron ore body is it will be necessary to use heavy dirt-moving equipment to remove the overburden. The overburden is about eighty feet in depth at the highest point and can be readily moved away from the ore on both sides.

4 (b) Several ton of ore have been removed and the ore is of a very good grade. Several assays of the ore have been obtained and the assays show the iron content to range from fifty-six per cent to fifty-nine and 6/10 per cent.

4 (c) The veins or bodies of ore are located in rough, mountainous country and the usual minerals associated with iron are present in minor quantities. Attached hereto as Exhibits are copies of the assay reports received. There are in our opinion iron ore veins leading to a large ore bed. We wish to explore to see if there is sufficient iron ore to justify mining the ore for commercial use. Attached hereto is a rough drawing of the veins and ore bed.

4 (d) The nearest town is Sundance, Wyoming, and other supply points are Lead, South Dakota, and Deadwood, South Dakota. The nearest railroad point is Moorcroft, approximately thirty miles. The residence points are right next to the property and adequate places are available for building residence quarters. House trailers would be used during the exploration period.

4 (e) Adequate man power, materials, supplies and equipment are readily available; water is available on the site and the electric power line is within six miles of the property.

5 (b) See rough map attached in response to 4(c).

5 (d) Both Redlin and Kahnke have had operating experience operating businesses, and both have had a successful business background. They will personally supervise the operation. Adequate assistance for mining operations will be obtained as men having mining experience will be employed.

6. ESTIMATE OF COSTS.

(a) Independent contracts. None

(b) Labor, supervision, consultants. The following is a schedule of the number, classes, wages, salaries and other expenses to be incurred in connection with employees, to-wit:

Redlin and Kahnke
% R. E. Kahnke
Watertown, South Dakota

TOTAL OPERATING EQUIPMENT $ 65,140.00

The above-described equipment will be owned by the operators and will be purchased at a cost of approximately $45,500.00.

6(e) None that will enter into the cost of the project.

6(f) The following additional buildings or installations will be required in connection with carrying on the project.

1. A frame building or 3 or 4 trailer houses
2. A tool shop
3. One 500-gal. fuel tank
4. One 100-gal. fuel tank

COST $ 10,000.00

6(g) Miscellaneous.
Cost of repairs and maintenance of operating equipment figured in the flat rate charge for use of operating equipment. Other miscellaneous items accounting workmen's compensation and employer's liability insurance and payroll taxes $ 10,000.00

6(h) Contingencies. $ 1,000.00

TOTAL COST OF PROJECT $119,480.00

7(a) The applicants have the money available and either have or can acquire the equipment to put up its share of the participation in the proposed project.

7(b) The applicants will put in their share of the money and have or will acquire all of the operating equipment specified above and will have it ready and on the project within thirty days after the approval of the application is given and the necessary agreements have been entered into.

Dated July 22, 1952.

REDLIN AND KAHNKE

By Ralph Redlin
Partner.

By R. E. Kahnke
Partner.

Redlin and Kahnke
% R. E. Kahnke
Watertown, South Dakota

| No. of Employees | Class | Rates of Pay | Total Estimated Cost |
|---|---|---|---|
| 1 | Tractor & Bulldozer | $2.35 hr. | Cost incl. equip. cost figures submitted below. |
| 1 | Supervisor | $2.25 hr. | 2,880 hrs. $6,480.00 |
| 1 | Foreman | $2.25 hr. | 2,880 hrs. $6,480.00 |
| 1 | Geologist | not known | $ 500.00 |
| 1 | Engineer | not known | $ 500.00 |
| 3 | Common Laborers | $65.00 wk. ea. | 18 mos. $14,040.00 |
| 1 | Cook & Laundryman | $70.00 wk. | 5,040.00 |
| TOTAL LABOR COST | | | $33,040.00 |

6 (c) Operating materials and supplies. The following is an estimate of the items and the cost thereof for materials and supplies, including items of equipment costing less than $50.00 each, to-wit:

| | |
|---|---|
| 6 | shovels and spades |
| 4 | picks |
| 3 | thermos jugs |
| 3 | crow bars |
| 3 | rock wedges |
| 1 | 24" pipe wrench |
| 3 | saws |
| 4 | Hammers, 1-12 pounds |
| 1 | 100' tape |
| 12 | steel stakes |
| | miscellaneous small tools such as pliers and other small wrenches |
| 1 | 24" crescent wrench |

COST FOR ALL OF THE ABOVE $ 300.00

NOTE: No electric power will be obtained from the high line during the exploration period. Fuel costs are figured in connection with the operating equipment.

6 (d) Operating equipment. The following is an itemized list of the operating equipment which is to be owned by and will be furnished by the operator with a suggested use allowance based on present value, to-wit:

| Item | Rate | Estimated Cost |
|---|---|---|
| Core Drilling | $7.00 per ft. | $ 3,500.00 |
| Large Crawler or Caterpillar tractor and large Bulldozer | $18.00 per hr. -- 1,480 hrs. | 26,640.00 |
| Large 22 yd. scraper to be operated by same Caterpillar | $ 25.00 per hr. -- 1,400 hrs. | $ 35,000.00 |

# A G R E E M E N T

THIS AGREEMENT, made and entered into this 21st day of June, A. D. 1952, executed in triplicate, by and between John Guidinger, Donald Guidinger, Chester Guidinger, Charles Kokesh, and Frank Kokesh, parties of the first part, all of Sundance, State of Wyoming, and Ralph Redlin of Ellendale, North Dakota, and R. E. Kahnke, of Watertown, South Dakota, parties of the second part, witnesseth:

That whereas parties of the first part are claimants and owners of certain United States mining claims, now in good standing, all of which are more fully described and set forth in Exhibits "A", "B", and "C", attached hereto, and by reference expressly made a part hereof, and thirteen (13) additional adjoining claims to be staked and filed, said claims being situate in the County of Crook, State of Wyoming, at or near the location commonly known as Riflepit Canyon; and whereas the parties of the second part have assisted the parties of the first part in doing the assessment work required to keep said mining claims in good standing;

And whereas it is to the mutual interest of all parties concerned that said locations and claims be properly worked so as to prove and determine the value thereof for mining purposes;

NOW THEN, for and in consideration of the mutual promises, covenants, and stipulations hereinafter contained, it is agreed as follows, to-wit:

1. Parties of the second part covenant and agree that on or before date of August 1, 1953, at their own expense, they shall have the necessary and proper equipment and supplies on the premises of some location upon the claim or claims described in the Exhibits herein, which said equipment and supplies shall be proper and adequate to accomplish the purposes of this agreement relative to working the claim or claims as hereinafter stipulated.

2. Parties of the second part further covenant and agree that said equipment and supplies shall be adequate to accomplish the opening of a pit or hole on some location on the claim or claims described in the Exhibits, which shall be adequate to properly test the ore content for quality and quantity; however, nothing herein shall prevent either or any of the parties hereto from agreeing to further operations on the premises under this agreement; that the parties of the second part shall have a period of two years in which to do the work contemplated by this paragraph.

3. It is expressly understood and agreed that if parties of the second part do comply with their covenants and agreements herein and if a pit or hole is completed as set forth in paragraph 2, then the parties of the second part have the right and option, upon demand made to parties of the first part, to an assignment, transfer, and conveyance from said parties of the first part, and each of them, covering an undivided one-half (1/2) interest in and to each and

all of the United States mining claims set forth in the Exhibits attached hereto, and to each and all other mining claims which each or any of the parties hereto may have by filings or otherwise on property and lands immediately adjoining those upon which the claims in the Exhibits are described.

4. That, upon the completion of the operations under this Agreement, parties of the second part shall have a period of six (6) months within which to exercise the option and right set forth in paragraph 3 herein; furthermore, if parties of the second part do, in fact, complete this contract and agreement and do furthermore exercise the option granted herein, then, and in that event, it is understood that each and all of the parties hereto shall enter into an agreement for the further purposes of developing and operating said claims, share and share alike, in accordance with the rules, regulations, and laws relative to operating United States mining claims.

5. It is understood and agreed that the parties will immediately make an application to the Defense Minerals Administration of the United States Department of the Interior for a loan and for assistance under the provisions of the Defense Production Act of 1950 for the purpose of financing the exploration work to be done pursuant to this agreement. It is understood and agreed that the parties of the second part are hereby authorized for and on behalf of all of the parties hereto and for the account of all of the parties hereto to make such application, and said parties of the second part are hereby authorized to enter into any and all necessary agreemments on behalf of all of the parties that may be necessary to secure the desired loan and assistance from the Defense Minerals Administration; and the parties of the first part do hereby ratify, confirm and approve any and all acts which may be performed and done by the said parties of the second part in connection with said application and in connection with meeting any of the requirements which the Defense Minerals Administration may make as a condition to rendering assistance; and all of the parties hereto to hereby expressly pledge their interest in the property to the performance of any agreements made with the Defense Minerals Administration in connection with said application.

6. Each of the parties of the first part do hereby expressly appoint the said Ralph Redlin and the said R. E. Kahnke as their attorneys in fact to execute for and on their behalf any and all such documents required by the Defense Minerals Administration, and said parties of the second part agree to be bound by all documents.

7. The parties further agree to execute any and all necessary exploration contracts or other agreements required in order to secure said governmental assistance and agree to execute the consents to attachment of the lien of the government to said claims as may be required by the government as provided for by the regulations.

IN WITNESS WHEREOF we have hereunto set our hands and seals this 21st day of July, A. D. 1952.

PARTIES OF THE FIRST PART:

John Guidinger
John Guidinger

Donald Guidinger
Donald Guidinger

Chester Guidinger
Chester Guidinger

Charles Kokesh
Charles Kokesh

Frank Kokesh
Frank Kokesh

Witness to All:

Witness:

Joan Mittleider

PARTIES OF THE SECOND PART:

Ralph Redlin
Ralph Redlin

R. E. Kahnke
R. E. Kahnke

STATE OF WYOMING)
: SS
COUNTY OF CROOK)

On this 4th day of August, A. D., 1952, before me personally appeared John Guidinger, Donald Guidinger, Chester Guidinger, Charles Kokesh and Frank Kokesh, to me personally known, who acknowledged to me that they signed and executed the above and foregoing instrument, and that they did sign same as their free and voluntary acts and deeds.

Given under my hand and notarial seal this day and year in this certificate first above written.

My Commission Expires:
June 30-1954

~~Notary Public~~
United States Commissioner

STATE OF NORTH DAKOTA)
: SS
COUNTY OF DICKEY )

On this 9 day of aug., A. D. 1952, before me personally appeared Ralph Redlin, to me personally known, who acknowledged to me that he signed and executed the above and foregoing instrument, and that he did sign same as his free and voluntary act and deed.

Given under my hand and notarial seal the day and year in this certificate first above written.

My Commission Expires:
11-12-54

Earl H. Redlin
Notary Public.

STATE OF SOUTH DAKOTA)
: SS
COUNTY OF CODINGTON )

On this 4th day of August, A. D. 1952, before me personally appeared R. E. Kahnke, to me personally known, who acknowledged to me that he signed and executed the above and foregoing instrument, and that he did sign same as his free and voluntary act and deed.

Given under my hand and notarial seal the day and year in this certificate first above written.

My Commission Expires:
8-26-54

Lindy Lawton
Notary Public.

EXHIBIT "A"

Location Certificate

KNOW ALL MEN BY THESE PRESENTS:

That We, the undersigned, of the County of Crook, and State of Wyoming, claim by right of discovery and location, fifteen hundred feet, linear and horizontal measurement, on the HOME GUARD #1 lode, along the vein thereof, with all its dips, variations and angles, together with three hundred (300) feet in width on each side of the middle of said vein at the surface and all veins, lodes, ledges and surface ground within the lines of said claim thirteen hundred seventy five (1375) feet on said lode, running northerly from the center of the discovery shaft, and one hundred twenty five (125) feet, running southerly from said center of the discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim in Unorganized Mining District, County of Crook, State of Wyoming, being more particularly described as follows, to-wit:

Beginning at the Half Section Stake (T. R. 37), Section 20, Township 50 N., Range 60W, of the Sixth Principal Meridian; go approximately 4350 feet southeasterly to Stake #5, southwest corner, then go north 750 feet to Stake #6, west side center, then go north 750 feet to Stake #1, the northwest corner, then go east 600 feet to Stake #2, the northeast corner, then go south 750 feet to Stake #3, east side center, then go south 750 feet to Stake #4, southeast corner, then go west 600 feet to Stake #5.

Said Home Guard #1 lode was located on the 13th day of March, A. D. 1951.

Date of Certificate April 26, 1951.

/s/ Chester L. Guidinger
/s/ John Guidinger
/s/ Donald E. Guidinger
/s/ Frank T. Kokesh
/s/ Charles H. Kokesh

---

CERTIFICATE

I, James E. Barrett, Attorney at Law, of Lusk, Wyoming, do hereby state, declare and affirm that the above typewritten Exhibit "A" has been copied from the original of said Location Certificate bearing number 147641, which was duly recorded in the Office of the Register of Deeds of Crook County, State of Wyoming, on the 28th day of April, 1951, at 9:00 A. M. in Book 101 of Locations on Page 518 of the records in said office, as shown by certificate thereon.

Dated at Lusk, Wyoming, this 7th day of May, 1952.

/s/ James E. Barrett
James E. Barrett

EXHIBIT "B"

Location Certificate

KNOW ALL MEN BY THESE PRESENTS:

That We, the undersigned, of the County of Crook, and State of Wyoming, claim by right of discovery and location, fifteen hundred feet, linear and horizontal measurement, on the HOME GUARD #2 lode, along the vein thereof, with all its dips, variations and angles, together with three hundred (300) feet in width on each side of the middle of said vein at the surface and all veins, lodes, ledges and surface ground within the lines of said claim fourteen hundred fifty (1450) feet on said lode, running northerly from the center of the discovery shaft, and fifty (50) feet, running southerly from said center of the discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim in Unorganized Mining District, County of Crook, State of Wyoming, being more particularly described as follows, to-wit:

Beginning at the Half Section Stake (T. R. 37), Section 20, Township 50N, Range 60 W, of the Sixth Principal Meridian, go approximately 3750 feet southeasterly to Stake #5, southwest corner, then go north 750 feet to Stake #6, the west side center, then go north 750 feet to Stake #1, the northwest corner, then go east 600 feet to Stake #2, the northeast corner, then go south 750 feet to Stake #3, the east sidecenter, then go south 750 feet to Stake #4, the southeast corner, then go west 600 feet to Stake #5.

Said HOME GUARD #2 lode was located on the 13th day of March, A. D. 1951.

Date of Certificate April 26, 1951.

/s/ Chester L. Guidinger
/s/ John Guidinger
/s/ Donald E. Guidinger
/s/ Frank T. Kokesh
/s/ Charles H. Kokesh

---

CERTIFICATE

I, James E. Barrett, Attorney at Law, of Lusk, Wyoming, do hereby state, declare and affirm that the above typewritten Exhibit "B" has been copied from the original of said Location Certificate bearing number 147642, which has been duly recorded in the Office of the Register of Deeds of Crook County, State of Wyoming, on the 28th day of April, at 9:55 A. M. in Book 101 of locations on Page 519 of the records in said office, as shown by certificate thereon.

Dated at Lusk, Wyoming, this 7th day of May, A. D. 1952.

/s/ James E. Barrett
James E. Barrett

EXHIBIT "C"

Location Certificate

KNOW ALL MEN BY THESE PRESENTS:

That We, the undersigned, of the County of Crook, and State of Wyoming, claim by right of discovery and location, fifteen hundred feet, linear and horizontal measurement, on the HOME GUARD #3 lode, along the vein thereof, with all its dips, variations and angles, together with three hundred (300) feet in width on each side of the middle of said vein at the surface and all veins, lodes, ledges and surface ground within the lines of said claim, twelve hundred forty (1240) feet on said lode, running northerly from the center of the discovery shaft, and two hundred sixty (260) feet, running southerly from said center of the discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim in Unorganized Mining District, County of Crook, State of Wyoming, being more particularly described as follows, to-wit:

Beginning at the Half Section Stake (T.R. 37), Section 20, Township 50N, Range 60 W, of the Sixth Principal Meridian; go approximately 4950 feet southeasterly to Stake #5, the southwest corner, then go north 750 feet' to Stake #6, the west side center, then go north 750 feet to Stake #1, the northwest corner, then go east 600 feet to Stake #2, the northeast corner, then go south 750 feet to Stake #3, the east side center, then go south 750 feet to Stake #4, the southeast corner, then go west 600 feet to Stake #5.

Said Home Guard #3 lode was located on the 13th day of March, A.D.,1951.

Date of Certificate April 26, 1951.

/s/ Chester L. Guidinger
/s/ John Guidinger
/s/ Donald E. Guidinger
/s/ Frank T. Kokesh
/s/ Charles H. Kokesh

---

CERTIFICATE

I, James E. Barrett, Attorney at Law, of Lusk, Wyoming, do hereby state, declare and affirm that the above typewritten Exhibit "C" has been copies from the original of said Location Certificate bearing number 147640, which has been duly recorded in the Office of the Register of Deeds of Crook County, State of Wyoming, on the 28th day of April, 1951, at 9:00 o*clock and 55 minutes a. m. in Book 101 of Locations on Page 517 of the records in said office, as shown by certificate thereon.

Dated at Lusk, Wyoming, this 7th day of May, 1952.

/s/ James E. Barrett
James E. Barrett

R[redacted] and Kahnke
% R. E. Kahnke
Watertown, South Dakota

C O P Y

SMITH-EMERY COMPANY
Chemical Engineers and Chemists
Metallurgical and Testing Engineers
920 Santee Street
LOS ANGELES 15
CALIFORNIA

LABORATORY

Date March 14, 1952

No. 351063

Sample Ore

Marked

Submitted by R. E. Kahnke,
6850 Balcom,
Reseda, California.

## REPORT OF QUALITATIVE SPECTROGRAPHIC EXAMINATION

| Element | Approximate Quantity |
|---|---|
| Iron | Major Constituent |
| Silicon | Intermediate Constituent |
| | **Minor Constituents** |
| Aluminum | 1% |
| Calcium | 1% |
| Magnesium | 0.1% |
| Manganese | 0.1% |
| Tungsten | 0.1% |
| Sodium | 0.1% |
| Titanium | 0.05% |
| Strontium | 0.01% |
| Zinc | 0.01% |
| Barium | 0.005% |
| Vanadium | 0.005% |
| Chromium | 0.005% |
| Nickel | 0.005% |
| Molybdenum | 0.005% |
| Cobalt | 0.001% |
| Lead | 0.001% |

Respectfully submitted,
/s/ Smith-Emery Company

(SEAL)

CHEMISTS AND ENGINEERS
/s/ EOS

All reports are submitted as the confidential property of clients. Authorization for publication of our reports, conclusions, or extracts from or regarding them is reserved pending our written approval as a mutual protection to clients, the public and ourselves.

R[redacted]and Kahnke
% R. E. Kahnke
Watertown, South Dakota

February 18, 1952

To: S. G. Sargis, Supervisor Raw Materials

From: G. W. Madsen

Subject: Iron Ore

Below is the analysis of the iron ore sample by Ralph Redlin, Ellendale, North Dakota.

2-RD-14-1

| | |
|---|---|
| $SiO_2$ | 5.83 |
| Fe | 59.6 |
| S | .009 |
| P | .040 |
| Mn | 0.3 |
| As | .01 |
| Zn | .03 |

/s/ G. W. Madsen
Chief Chemist

GWM:hk

Redl[illegible] and Kahnke
% R. [illegible]. Kahnke
Watertown, South Dakota

## AVERAGE ANALYSIS OF A GOOD GRADE OF IRON ORE

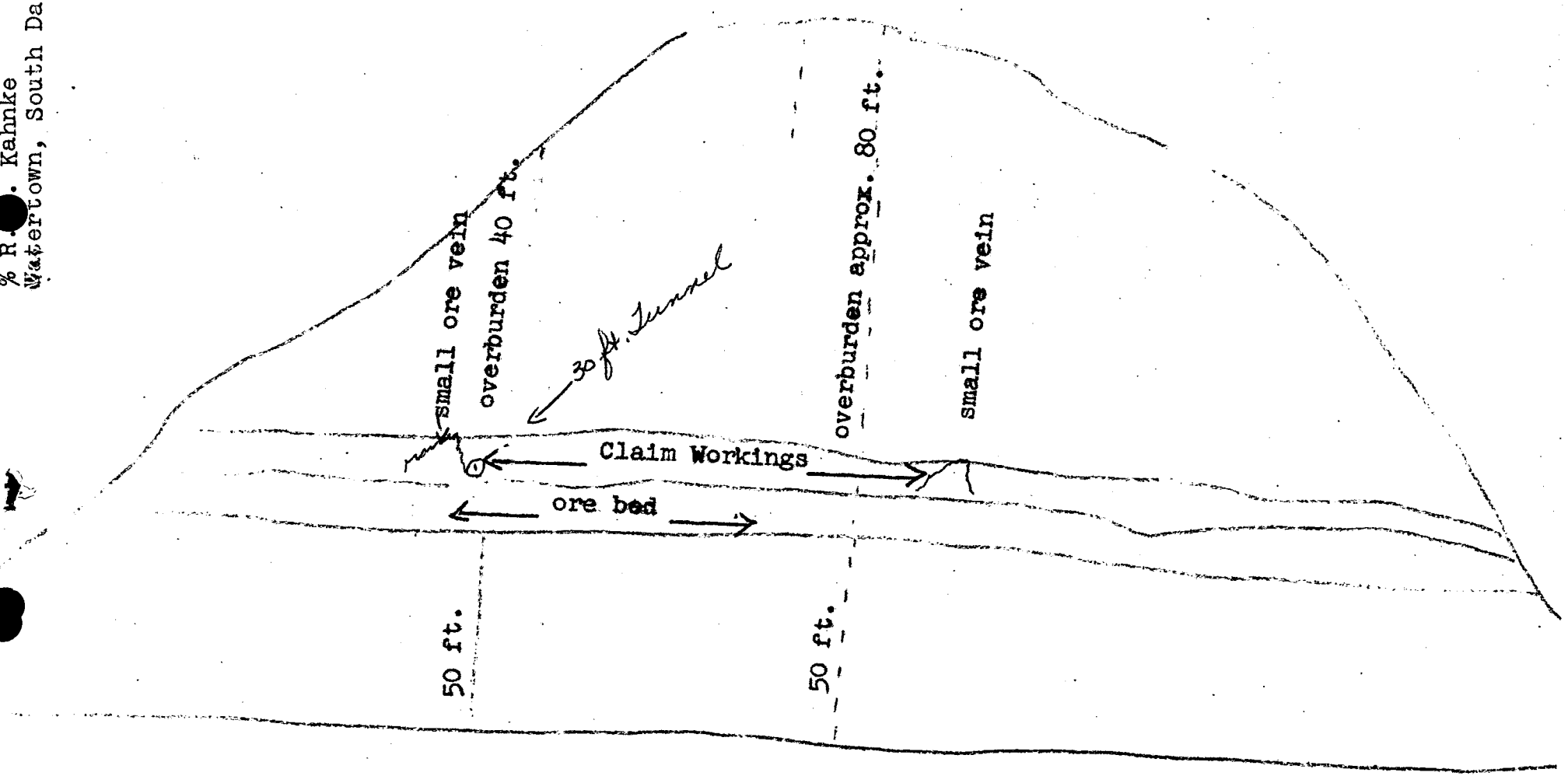
| Fe. | Sul. | Ignition Loss | $SiO_2$ | Phos. | Mn | $Al_2O_3$ | CaO | MgO |
|---|---|---|---|---|---|---|---|---|
| 56.00 | .030 | 4.64 | 9.47 | .014 | 1.46 | 2.33 | .66 | .54 |

## ANALYSIS OF YOUR ORE

| Fe. | Sul. | Ignition Loss | $SiO_2$ | Phos. | Mn | $Al_2O_3$ | CaO | MgO |
|---|---|---|---|---|---|---|---|---|
| 59.00 | .005 | 5.12 | 11.32 | .028 | .17 | 3.67 | .73 | .20 |

Redlin and Kahnke
% R. Kahnke
Watertown, South Dakota

## ROUGH DRAWING OF SITE OF PROPOSED EXPLORATION WORK.



FILE COPY
SURNAME:

Martin
Selfridge
Davison

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

JUN 1 1 1953

Mr. W. H. King, Executive Officer
DMRA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMRA - 2670 (Iron)
Ralph Redlin and R. E. Kahnke
Home Guard Nos. 1, 2 & 3 claims
Crook County, Wyoming

Dear Mr. King:

In response to your inquiry of June 4 as to the status of the subject docket, this is to advise that we removed the docket from our active files by memorandum dated May 4, 1953, an extra copy of which is enclosed.

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Chairman
Operating Committee

Enclosure

WSMartin/ls 6/9/53

Copy to: Docket
Adm. Read. File
Code 400
Oper. Committee
FT, Reg. 4
Martha Carr, GS
H. W. Davis, USBM

APPROVED:

J. H. Hedges
Member, Bureau of Mines

A. R. Kinkel, Jr.
Member, Geological Survey

Dockets

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

224 New Customhouse
Denver 2, Colorado

June 4, 1953

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-2670 (Iron), Ralph Redlin and R.E. Kahnke, Home Guard Nos. 1, 2 and 3 Claims, Crook County, Wyoming

Your letter dated March 30, 1953, on the subject application indicated that this docket remains active and the time limit had been extended to May 1, 1953.

Will you please advise if this docket is now closed.

yes 5/4

W.H. King

W.H. King

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

May 4, 1953

MEMORANDUM

To: R. E. Adams, Chief, Oper. Control and Statistics Division

From: Iron and Ferro-Alloys Division

Subject: Removal of application from the active files
Docket No. DMEA 2670 - Iron
Ralph Redlin & R. E. Kahnke
Home Guard Nos. 1, 2, and 3 claims
Crook County, Wyoming

The applicants were notified on September 4, 1952, that they must furnish additional information before their program could be processed.

Some of the information was received but the applicants did not furnish the data necessary to evaluate their proposed project. On November 4, 1952, they were advised by letter that if no further word was received by November 28, 1952, the application would be transferred without prejudice from the active files and the matter closed. The applicants were granted an additional 90 days' grace in response to their letter of November 24, 1952; and when Mr. Redlin visited this office on January 2, 1953, he was told that the docket would be kept open until May 1, 1953.

To date, we have not received any additional information, and we are, therefore, removing the subject docket from our Division files. The docket is transmitted herewith.

W S Martin
W. S. Martin, Acting Chief
Iron and Ferro-Alloys Division

Attachment

FILE COPY
SURNAME:

Rutledge
Martin

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

May 4, 1953

**MEMORANDUM**

To: R. E. Adams, Chief, Oper. Control and Statistics Division

From: Iron and Ferro-Alloys Division

Subject: Removal of application from the active files
Docket No. DMRA 2670 - Iron
Ralph Redlin & R. E. Kahnke
Home Guard Nos. 1, 2, and 3 claims
Crook County, Wyoming

The applicants were notified on September 4, 1952, that they must furnish additional information before their program could be processed.

Some of the information was received but the applicants did not furnish the data necessary to evaluate their proposed project. On November 4, 1952, they were advised by letter that if no further word was received by November 28, 1952, the application would be transferred without prejudice from the active files and the matter closed. The applicants were granted an additional 90 days' grace in response to their letter of November 24, 1952; and when Mr. Redlin visited this office on January 2, 1953, he was told that the docket would be kept open until May 1, 1953.

To date, we have not received any additional information, and we are, therefore, removing the subject docket from our Division files. The docket is transmitted herewith.

W. S. Martin, Acting Chief
Iron and Ferro-Alloys Division

Attachment

CC: DOCKET
ADMN. READ. FILE
CODE 400
FIELD TEAM, REGION 4

400

FILE COPY
SURNAME:

Rutledge
Martin
Selfridge
Johnson
Whittendorf

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

**Air Mail**

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

MAR 30 1953

J. C. 5/30/53

Re: Docket No. DMEA 2670 - Iron
Ralph Redlin & R. E. Kahnke
Home Guard Nos. 1, 2, & 3 Claims
Crook County, Wyoming

Dear Mr. King:

Reference is made to the subject docket and your letter of March 20, 1953, inquiring if the application of Redlin and Kahnke has been transferred to the inactive files and the docket closed.

Though a deadline of February 24, 1953, was given the applicants for the submission of additional data, the time limit was extended to May 1, 1953, during a conference here with Mr. Redlin on January 2, 1953.

The subject docket therefore remains active, and we regret that you were not notified earlier of this commitment.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (2hb)

Approved:

J. H. Hedgon (2hb)

Member, Bureau of Mines

A. R. Kinkel, Jr. (2hb)

Member, Geological Survey

cc: Docket
Field Team, Region 4
Code 400
Admn. Read. File
Operating Committee
J. M. Forbes, USBM
M. S. Carr, USGS

FARutledge/hhb
3/26/53

Docket

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 23 1953

224 New Customhouse
Denver 2, Colorado

March 20, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Docket DMEA 2670 (Iron), Home Guard Nos. 1, 2 and 3 Claims, Crook County, Wyoming, Ralph Redlin & R. E. Kahnke, Applicants.

Will you please advise if this docket has been closed.

W. H. King

W. H. King

Copy retained 100

MT-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

# REFERENCE SLIP

DATE DEC 1 1952

REFERRED TO:
1. Code 400 - 3538
2.
3.
4.

FOR:

| | |
|---|---|
| ---------- Action | ---------- Recommendation |
| ---------- Approval | ---------- Record of ---------- |
| ---------- Comment | ---------- Referring to ---------- |
| ---------- Conference | ---------- Reply for signature of ---------- |
| ---------- Consideration | ---------- Rewriting |
| ---------- Filing | ---------- Signature |
| ---------- Instructions | ---------- Suggestions |
| ---------- Investigation | ---------- Your information |
| ---------- Initials | |
| ---------- Mailing | |
| ---------- Previous correspondence | |

REMARKS: ----------

Check (X) before the items needing attention.

ROBERT E. ADAMS
*Initials of sender.*
R.E.A.

GPO 16—63815-1

FILE COPY
SURNAME:

Selfridge.

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

DEC 1 1952

Mr. Alan L. Austin
Austin & Lovre
Way-Penney Building
Watertown, South Dakota

Re: Docket No. DMEA 2670 - Iron
Home Guard Nos. 1, 2, & 3 claims
Crook County, Wyoming
Ralph Redlin & H. E. Kahnke

Dear Mr. Austin:

This is in reply to your letter of November 24, 1952, in which you request an additional 90 days for submitting requested data relating to the subject application. You are hereby advised that the file will be kept open until February 24, 1953, at which time it will be automatically closed unless we have received the data.

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

12-1-52

cc: Docket
Admn. Read. File
Field Team, Reg. 4
G. C. Selfridge
J. M. Forbes, USBM
Martha Carr, USGS

GCSelfridge:ls 11/28/52

Jan 2, 1953
Mr. Redlin was told today in conference that file would be held open until May 1, 1953 to allow for inaccessibility of property during winter.
GCS

LAW OFFICES OF
AUSTIN & LOVRE
WAY-PENNEY BUILDING
WATERTOWN, SOUTH DAKOTA

ALAN L. AUSTIN
HAROLD O. LOVRE
IRVING A. HINDERAKER

Hold to Feb. 24, 1953

November 24th, 1952

Mr. Selfridge
Note: we had a "close-out" memo already prepared on this case.
LS

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Sir: Re: Docket No. DMEA 2670 - Iron
Home Guard Nos. 1, 2 & 3 Claims
Crook County, Wyoming

In connection with the above entitled matter, we have your recent letter advising that unless further steps are taken in connection with this matter that this application will be cancelled.

This information has been communicated to Messrs Kahnke and Redlin and they have decided to try to locate competent geologists or engineers to survey the situation for them, and we will appreciate it if this file can be held over for an additional ninety days, and in the meantime we believe we will be able to report as to what success they have had as a result of contacting geologists or engineers.

We would appreciate being advised that the file is being held open.

Yours very truly,

AUSTIN & LOVRE

BY Alan L. Austin

ALA:A
CC R. E. Kahnke
CC Ralph Redlin

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 25 1952

FILE COPY 400
SURNAME:

Rutledge
Selfridge

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

NOV 4 1952

Mr. Alan L. Austin
Austin & Lovre
Way-Penny Building
Watertown, South Dakota

Re: Docket No. DMEA 2670 - Iron
Redlin and Kahnke
Home Guard Nos. 1, 2 and 3 Claims
Crook County, Wyoming

Dear Mr. Austin:

Reference is made to our letter of September 4, 1952, to Redlin and Kahnke asking for substantiating data that would warrant the inclusion of an exploration program on the subject property under the Defense Minerals Exploration Program. To date, we have not received these data or notification that they will be forthcoming.

We wish to cooperate fully in the matter of allowing ample time for the submission of the necessary information, but if the needed data have not been received by November 28, 1952, or we are advised that such information will be furnished, we will then remove the application from the active file and consider the matter closed.

Sincerely yours,

C. O. Mittendorf

Administrator

11-4-52

FARutledge:lm
11/3/52

cc: Admn. Reading File
Docket
J. M. Forbes, USBM
Martha Carr, USGS
Field Team Reg. IV
G. C. Selfridge
F. A. Rutledge

FILE COPY 400
SURNAME:

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

Martin
Selfridge
F. J. Hanson

SEP 29 1952

Mr. Alan L. Austin
Austin & Levre
Way-Penny Building
Watertown, South Dakota

Re: Docket No. DMEA 2670 - Iron
Home Guard Nos. 1, 2, & 3 Claims
Crook County, Wyoming

Dear Mr. Austin:

This will acknowledge receipt of your letter of September 17, 1952, advising us with regard to the subject application for exploration aid that the legal entity which desires to enter into a contract with the United States consists of the following copartners, without any trade name:

John Guidinger - Sundance, Wyoming
Donald Guidinger - Sundance, Wyoming
Chester Guidinger - Sundance, Wyoming
Charles Kokosh - Sundance, Wyoming
Frank Kokosh - Sundance, Wyoming
Ralph Redlin - Ellendale, North Dakota
R. M. Kahnke - Watertown, South Dakota

We note that you are investigating the status of the "thirteen (13) additional adjoining claims to be staked and filed" as mentioned in the agreement of June 21, 1952, submitted with the above application. You urge us to process the application without waiting for the legal description of the above claims, and to make an early field examination, and you also inquire whether Messrs. Redlin and Kahnke should employ geologists and engineers.

Your letter does not give sufficient geologic data to substantiate the belief that a significant deposit of iron ore might be found at the prospect in question. No maps were submitted to describe the proposed exploration work, and no revised estimate of costs reached us. In the absence of such information, we would not be justified in requesting a field examination.

Furthermore, without more evidence that their iron showing has merit as a prospect, we cannot recommend that Messrs. Redlin and Kahnke employ either geologists or engineers, but you can readily appreciate that before contracting to undertake a project where the Operator and the Government would each pay one half of the total costs, the partnership might benefit from competent technical advice.

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

S.H.
9-29-52

WSMartin'lm
9/26/52

cc: Admn. Reading File
Docket
J. M. Forbes, USBM
Martha Carr, USGS
Field Team Reg. IV
G. C. Selfridge
W. S. Martin

LAW OFFICES OF
AUSTIN & LOVRE
WAY-PENNEY BUILDING
WATERTOWN, SOUTH DAKOTA

ALAN L. AUSTIN
HAROLD O. LOVRE
IRVING A. HINDERAKER

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 22 1952

September 17th, 1952

W.S. Martin, Acting Chief
Iron and Ferro-Alloy Division
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Sir: Re: Docket No. DMEA 2670 - Iron
Home Guard Nos. 1, 2, & 3 Claims
Crook County, Wyoming

Your letter to Messrs Redlin and Kahnke of September 4th, 1952, has been handed to the writer for response.

The contract with the United States will be entered into by Messrs John Guidinger, Donald Guidinger, Chester Guidinger, Charles Kokesh, and Frank Kokesh, all of Sundance, Wyoming, Ralph Redlin of Ellendale, North Dakota, and R. E. Kahnke of Watertown, South Dakota, as copartners, without any trade name.

We believe that the thirteen additional claims have already been staked and filed, but we have written today to John Guidinger, Sundance, Wyoming, for the information as to whether the claims have all been staked, and for the legal description thereof.

However, Messrs Kahnke and Redlin, feel that the further processing of the application should not be held up awaiting the furnishing of the legal descriptions, and we do urge, therefore, that you proceed to process the same and we will get the additional descriptions to you as quickly as possible.

With reference to the tunneling operations, this was not done by Messrs Redlin and Kahnke in the first instance. They did, however, go into the tunnel and remove some material sufficient to satisfy themselves that iron ore was present in large quantities. They found large

chunks of iron ore which were removed from the tunnel. The ore removed is still at the site. Some of the ore was already removed and laying beside the tunnel.

The tunnel is in a crumbling type of limestone shale that is subject to slides and it has not been considered safe to go clear back into the tunnel.

Messrs Redlin and Kahnke think that the overburden should be removed because the ore comes from within the hill through the old tunnel. They believe it to be a large deposit from their study of the situation, but they do not have a geologist and they have no other analysis of the ore other than the two which have heretofore been submitted.

They do not have any available maps covering the topography and geology of the deposits, and they had assumed that maps of the topography and geology of the territory are readily available to your men.

Messrs Redlin and Kahnke also advise that there is a good graded road to the site and that the same can be easily reached by car or truck.

They had assumed that upon submitting the application - if it looked at all reasonable, the next step would be for representatives of your Administration to come to the site with Messrs Kahnke and Redlin and make your determination as to whether further processing of the application is necessary or whether it appears that further exploration is warranted, and we are hoping that you will conclude to send geologists or engineers to the site at a very early date.

Messrs Redlin and Kahnke probably could employ geologists and engineers, but had assumed that they should not go to this expense, since you would be making your own investigation through your own engineers and geologists. If we are wrong in this, we will appreciate your advice.

We are sorry that we neglected to advise that the analysis which was signed by G. W. Madsen came from the Geneva Steel Company at Provo, Utah.

Yours sincerely,

AUSTIN & LOVRE

BY Alan L. Austin

ALA:A

CC R. E. Kahnke
CC Ralph Redlin

FILE COPY 400
SURNAME:

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

Martin Weatherby

SEP 4 1952

Redlin and Kahnke
c/o R. E. Kahnke
405 - 5th Avenue, N. W.
Watertown, South Dakota

Re: Docket No. DMEA 2670 - Iron
Home Guard Nos. 1, 2, & 3 Claims
Crook County, Wyoming

Gentlemen:

Reference is made to your application for exploration assistance in proving iron ore on the subject lode mining claims. To process your application further, we shall need additional information as outlined below:

It seems apparent from the agreement of June 21, 1952, that you are authorized to act as Attorney-in-Fact for the locators and owners of the property to enable you to enter into an exploration project contract with the Government. However, it also appears from that agreement that it is the intention that any exploration project contract shall be for the account and benefit both of the five owners and of yourselves who are purchasing an interest. It is not disclosed what will be the legal entity which will enter into a contract with the United States. We presume that it will be a partnership in which all seven persons will be interested as partners. If this is the case, please advise of the name of the partnership, and the partners comprising it.

The status of the "thirteen (13) additional adjoining claims to be staked and filed" as mentioned in the same agreement of June 21, 1952, should be clarified inasmuch as land that may benefit by the exploration should be included in the legal description of the land upon which you wish to explore. It will be of assistance to us if you can give details of the tunneling operation and list your reasons for believing it necessary to remove the heavy overburden in order to explore the deposit. What disposition was made of the several tons of ore removed and were any quantitative analyses made in addition to the two submitted, one signed by G. W. Madson but otherwise unidentified and one unsigned and unidentified. Can you let us have, with substantiating geologic data, your reasons for believing that a large deposit of iron ore is present.

Please send us copies of any available maps covering the topography and geology of the deposits and showing, if possible, the location of the tunnel, or adit, and the point from which the samples were taken as well as the extent of the proposed stripping operation. Transportation costs for a project in rough, mountainous country 30 miles from the nearest railroad point could be an important consideration with an iron ore and we shall appreciate having your further comments on the accessibility of the deposit.

In reviewing your application, we also note that you plan to purchase at a cost of approximately $45,500 equipment for the use of which the project is to be charged $54,872 (that is: $23,162 for a tractor plus $31,710 for a scraper). We normally allow depreciation over 5 years and thus for 18 months the allowable depreciation on equipment valued at $45,500 would be eighteen-sixtieths (18/60ths) of $45,500 which is $13,650.

As soon as we receive the information requested above, we shall continue processing your application.

Sincerely yours,

S.H.
9-4-52

Signed

W. S. Martin, Acting Chief
Iron and Ferro-Alloy Division

WSMartin:lm
9/3/52

cc: Admn. Reading File
Docket
J. M. Forbes, USBM
Martha Carr, USGS
Field Team Reg. IV
W. S. Martin

DMEA 2670

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JLHofflund/em
8/29/52

IN REPLY REFER TO:

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

August 28, 1952

To: George C. Selfridge, DMEA

From: Martha Carr, U.S.G.S.

Subject: Exploration application $119,480 DMEA-2670 Iron Ore
Ralph Redlin and R. E. Kahnke
c/o R. E. Kahnke
405-5th Ave., NW.,
Watertown, S. Dak.

Property: The applicant's property rights consist of a lease and option on the Home Guard #1, #2, and #3 mining claims in sec. 20, T. 50 N., R. 60 W., Crook County, Wyo.

Proposal: To explore the above mentioned area by stripping as much as 80 feet of overburden to determine if sufficient iron ore is present to justify commercial production. The work could start within 10 days from the date of an exploration project contract and be completed within 2 years.

Geology: The area is underlain by Mississippian limestone (Pahasapa) which in places is overlain by Pennsylvanian sandstone (Minnelusa). The sandstone is locally stained with iron which gives it a brick-red color. The Geological Survey has no record of the occurrence of iron ore deposits in this area.

Recommendation: As a preliminary measure, it is suggested that the applicant be asked to further substantiate, with geologic data, his reasons for believing that a large deposit of iron ore is present and also to give further information regarding its accessibility. The altitude of sec. 20, according to USGS Geologic Folio 127, Sundance, Wyo.-S. Dak., by N. H. Darton, 1905, reaches over 6,000 feet, and the topography is rugged. The applicant states that the deposit is in rough country 30 miles from a railroad. These facts, coupled with the probability that the presence of a large deposit of iron ore is unlikely, would justify a denial of the application. Therefore, unless the applicant can furnish pertinent information that would warrant referring the application to the field team for advice, it is recommended that the application be denied.

Martha Carr

Copy retained 400

IN REPLY REFER TO:

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

August 28, 1952

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Martha Carr

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

August 28, 1952

To: George C. Selfridge, DMEA

From: Martha Carr, U.S.G.S.

Subject: Exploration application $119,460 DMEA-2670 Iron Ore
Ralph Redlin and R. E. Kahnke
c/o R. E. Kahnke
405-5th Ave., NW.,
Watertown, S. Dak.

Property: The applicant's property rights consist of a lease and option on the Home Guard #1, #2, and #3 mining claims in sec. 20, T. 50 N., R. 60 W., Crook County, Wyo.

Proposal: To explore the above mentioned area by stripping as much as 80 feet of overburden to determine if sufficient iron ore is present to justify commercial production. The work could start within 10 days from the date of an exploration project contract and be completed within 2 years.

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cc: Director's Reading File (4212)
Branch
Division
Reading File (4212)
DMEA File (3)
Ferrous Metals File

Martha Carr:bbk G 8/28/52

IN REPLY REFER TO:

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

August 28, 1952

To: George C. Selfridge, DMEA

From: Martha Carr, U.S.G.S.

Subject: Exploration application $119,480 DMEA-2670 Iron Ore
Ralph Redlin and R. . Kahnke
c/o R. . Kahnke
405-5th Ave., N.,
Watertown, S. Dak.

Property: The applicant's property rights consist of a lease and option on the Bone Guard #1, #2, and #3 mining claims in sec. 20, T. 50 N., R. 60 W., Crook County, Wyo.

Proposal: To explore the above mentioned area by stripping as much as 80 feet of overburden to determine if sufficient iron ore is present to justify commercial production. The work could start within 10 days from the date of an exploration project contract and be completed within 2 years.

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cc: Director's Reading File (4212)
Branch
Division
Reading File (4212)
DMEA File (3)
Ferrous Metals File

Martha Carr:bbk G 8/28/52

wrong address for Redlin
This is Kalinka's address

Mr. Ralph Redlin
405 - 5th Avenue, N. W.
Watertown, South Dakota

Subject: DMEA-2670
Re: Exploration Assistance
Home Guard #1, #2, and #3
August 25, 1952

My dear Mr. Redlin:

The receipt of your application dated July 22, 1952, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2670 and referred to the Iron and Ferro-Alloys Division.

Kindly refer to DMEA-2670 in any future correspondence relating to your application.

Sincerely yours,

SIGNED

Wingfield Chamberlain
Acting Chief, Operation's
Control and Statistics Division

25451

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

224 New Customhouse
Denver 2, Colorado

August 21, 1952

Memorandum

To: Secretary to the Operating Committee, Defense Minerals Exploration Administration

From: Field Team, Region IV

Subject: Iron - Application of the partnership of Redlin & Kahnke, Crook County, Wyoming

Enclosed are three copies of the application of Redlin and Kahnke for exploration aid in the amount of $119,480.00.

W. H. King

A. H. Koschmann

Enclosure

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 25 1952

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

224 New Customhouse
Denver 2, Colorado

August 21, 1952

Memorandum

To: Secretary to the Operating Committee, Defense Minerals Exploration Administration

From: Field Team, Region IV

Subject: Iron - Application of the partnership of Redlin & Kahnke, Crook County, Wyoming

Enclosed are three copies of the application of Redlin and Kahnke for exploration aid in the amount of $119,480.00.

for John F. Shea
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosure

Docket File

CROSS REFERENCE

5/19/52

DMEA ~~[illegible]~~ 2670

John Guidinger is partner in DMEA 2670. On May 19, 1952, Senator Joseph C. O'Mahoney requested us to send data on DMEA loans to John Guidinger of Sundance, Wyoming, and we complied.

Copy of our letter to Sen. O'Mahoney is in 400's file on this docket.

DEPARTMENT OF THE INTERIOR
Mineral Administration
RECEIVED
AUG 25 1952

MF-103
(Revised April 1952).

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

# 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-2670
Metal or Mineral
Date Received 8-25-52
Estimated Cost
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: Ralph Redlin and R. E. Kahnke, c/o R. E. Kahnke, 405 5th Avenue, N. W., Watertown, South Dakota. The two above-named parties are partners doing business as Redlin and Kahnke, and the address of Ralph Redlin is Ellendale, North Dakota, and the address of R. E. Kahnke as above stated.

(*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 Applicants' property rights are in mining claims on Section 20, Township 90 N, Range 60 W of the 6th Principal Meridian, Crook County, Wyoming, and the interests are in accordance with the terms of a contract between John Guidinger, et al, Ralph Redlin and R. E. Kahnke, bearing date of July 1, 1952, copy of which is hereto attached and made part of this application. Home Guard #1, #2 and #3

(*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 partner under mining partnership with locators

(*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. copy of the contract is submitted herewith.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. The book and page numbers of each recorded location notice are contained in the Exhibits attached to the Contract.

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.

16—66551-1

Rec'd 8-25-52

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore iron ore

(*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 10 days and be completed within 2 years 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)? Yes

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

[x] Money [x] 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 July 22, 1962

KAHNKE AND REDLIN
(Applicant)

By Ralph Redlin Partner.

R. E. Kahnke Partner.

**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

ANSWERS TO QUESTIONS APPEARING ON RF-103, "APPLICATION FOR AID IN AN EXPLORATION PROJECT," BEDLIN AND EMMIS, WATERTOWN, S. D.

The numbering observed on the following sheets will be the numbers appearing on the Form RF-103.

4 (c) Some exploration work has been done on the claims described in the contract and iron ore veins have been discovered. One tunnel back into a hill has been carried a distance of about thirty feet and it looks as though there is a very good iron ore deposit. The tunnel has caved in because of the overburden. In order to accurately determine how large the iron ore body is it will be necessary to use heavy dirt-moving equipment to remove the overburden. The overburden is about eighty feet in depth at the highest point and can be readily moved away from the ore on both sides.

4 (b) Several ton of ore have been removed and the ore is of a very good grade. Several assays of the ore have been obtained and the assays show the iron content to range from fifty-six per cent to fifty-nine and 6/10 per cent.

4 (c) The veins or bodies of ore are located in rough, mountainous country and the usual minerals associated with iron are present in minor quantities. Attached hereto as Exhibits are copies of the assay reports received. There are in our opinion iron ore veins leading to a large ore bed. We wish to explore to see if there is sufficient iron ore to justify mining the ^re for commercial use. Attached hereto is a rough drawing of the veins and ore bed.

4 (d) The nearest town is Sundance, Wyoming, and other supply points are Lead, South Dakota, and Deadwood, South Dakota. The nearest railroad point is Bearcroft, approximately thirty miles. The residence points are right next to the property and adequate places are available for building residence quarters. House trailers would be used during the exploration period.

4 (e) Adequate man power, materials, supplies and equipment are readily available; water is available on the site and the electric power line is within six miles of the property.

5 (b) See rough map attached in response to 4(c).

5 (d) Both Bedlin and Emmis have had operating experience operating businesses, and both have had a successful business background. They will personally supervise the operation. Adequate assistance for mining operations will be obtained as men having mining experience will be employed.

6. ESTIMATE OF COSTS.

(a) Independent contracts. None

(b) Labor, supervision, consultants. The following is a schedule of the number, classes, wages, salaries and other expenses to be incurred in connection with employees, to-wit:

Redlin [illegible] Kainko
[illegible] R. E. [illegible]
Watertown, South Dakota

| No. of Employees | Class | Rates of Pay | Total Estimated Cost |
|---|---|---|---|
| 1 | Tractor & Bulldozer | $3.33 hr. | Cost incl. equip. cost figures submitted below. |
| 1 | Superintendent | $2.25 hr. | 2,880 hrs. $6,480.00 |
| 1 | Foreman | $2.25 hr. | 2,880 hrs. $6,480.00 |
| 1 | Geologist | not known | $ 500.00 |
| 1 | Engineer | not known | $ 500.00 |
| 3 | Common Laborers | $55.00 wk.ea. | 18 mos. $14,040.00 |
| 1 | Cook & Laundryman | $70.00 wk. | 5,040.00 |
| TOTAL LABOR COST | | | $33,040.00 |

6 (c) Operating materials and supplies. The following is an estimate of the items and the cost thereof for materials and supplies, including items of equipment costing less than $50.00 each, to-wit:

| | |
|---|---|
| 6 | shovels and spades |
| 4 | picks |
| 3 | thermos jugs |
| [illegible] | crow bars |
| [illegible] | rock wedges |
| [illegible] | 24" pipe wrench |
| [illegible] | saws |
| 4 | Hammers, 1-12 pounds |
| 1 | 100' tape |
| 12 | steel stakes |
| | miscellaneous small tools such as pliers and other small wrenches |
| 1 | 24" crescent wrench |

COST FOR ALL OF THE ABOVE $ 300.00

NOTE: No electric power will be obtained from the high line during the exploration period. Fuel costs are figured in connection with the operating equipment.

6 (d) Operating equipment. The following is an itemized list of the operating equipment which is to be owned by and will be furnished by the operator with a suggested use allowance based on present value, to-wit:

| Item | Rate | | Estimated Cost |
|---|---|---|---|
| Core Drilling | $7.00 per ft. | | $ 3,500.00 |
| Large Crawler or Caterpillar tractor and large Bulldozer | $18.00 per hr. | — 1,480 hrs. | 26,640.00 |
| Large 22 yd. scraper to be operated by same Caterpillar | $ 25.00 per hr. | — 1,400 hrs. | $35,000.00 |

Redlin and Kahnke
% R. E. Kahnke
Watertown, South Dakota

TOTAL OPERATING EQUIPMENT $ 65,140.00

The above-described equipment will be owned by the operators and will be purchased at a cost of approximately $45,500.00.

6(e) None that will enter into the cost of the project.

6(f) The following additional buildings or installations will be required in connection with carrying on the project.

1. A frame building or 3 or 4 trailer houses
2. A tool shop
3. One 500-gal. fuel tank
4. One 100-gal. fuel tank

COST $ 10,000.00

6(g) Miscellaneous.
Cost of repairs and maintenance of operating equipment figured in the flat rate charge for use of operating equipment. Other miscellaneous items accounting workmen's compensation and employer's liability insurance and payroll taxes $ 10,000.00

6(h) Contingencies. $ 1,000.00

TOTAL COST OF PROJECT $19,400.00

7(a) The applicants have the money available and either have or can acquire the equipment to put up its share of the participation in the proposed project.

7(b) The applicants will put in their share of the money and have or will acquire all of the operating equipment specified above and will have it ready and on the project within thirty days after the approval of the application is given and the necessary agreements have been entered into.

Dated July 22, 1952.

REDLIN AND KAHNKE

By Ralph Redlin
Partner.

By R E Kahnke
Partner.

Allin and Kahnke
% R. E. Kahnke
Watertown, South Dakota

C O P Y

SMITH-EMERY COMPANY
Chemical Engineers and Chemists
Metallurgical and Testing Engineers
920 Santee Street
LOS ANGELES 15
CALIFORNIA

LABORATORY

Date March 14, 1952

No. 351063

Sample Ore

Marked

Submitted by R. E. Kahnke,
6850 Balcon,
Reseda, California.

REPORT OF QUALITATIVE SPECTROGRAPHIC EXAMINATION

| Element | Approximate Quantity |
|---|---|
| Iron | Over 10% — Major Constituent |
| Silicon | 1 - 10% — Intermediate Constituent |
| | Minor Constituents |
| Aluminum | 1% |
| Calcium | 1% |
| Magnesium | 0.1% |
| Manganese | 0.1% |
| Tungsten | 0.1% |
| Sodium | 0.1% |
| Titanium | 0.05% |
| Strontium | 0.01% |
| Zinc | 0.01% |
| Barium | 0.005% |
| Vanadium | 0.005% |
| Chromium | 0.005% |
| Nickel | 0.005% |
| Molybdenum | 0.005% |
| Cobalt | 0.001% |
| Lead | 0.001% |

Respectfully submitted,
/s/ Smith-Emery Company

(SEAL)

CHEMISTS AND ENGINEERS

/S/ EOS

All reports are submitted as the confidential property of clients. Authorization for publication of our reports, conclusions, or extracts from or regarding them is reserved pending our written approval as a mutual protection to clients, the public and ourselves.

dlin and Kahnke
R. E. Kahnke
Watertown, South Dakota

February 18, 1952

To: S. G. Sargis, Supervisor Raw Materials

From: G. W. Madsen

Subject: Iron Ore

Below is the analysis of the iron ore sample by Ralph Redlin, Ellendale, North Dakota.

2-RD-14-1

| | |
|---|---|
| $SiO_2$ | 5.83 |
| Fe | 59.6 |
| S | .009 |
| P | .040 |
| Mn | 0.3 |
| As | .01 |
| Zn | .03 |

/s/ G. W. Madsen

Chief Chemist

Geneva Steel Co., Provo, Utah

GWM:hk

Rollin and Kabnko
R. E. Kabnko
Redfortown, South Dakota

## AVERAGE ANALYSIS OF A GOOD GRADE OF IRON ORE

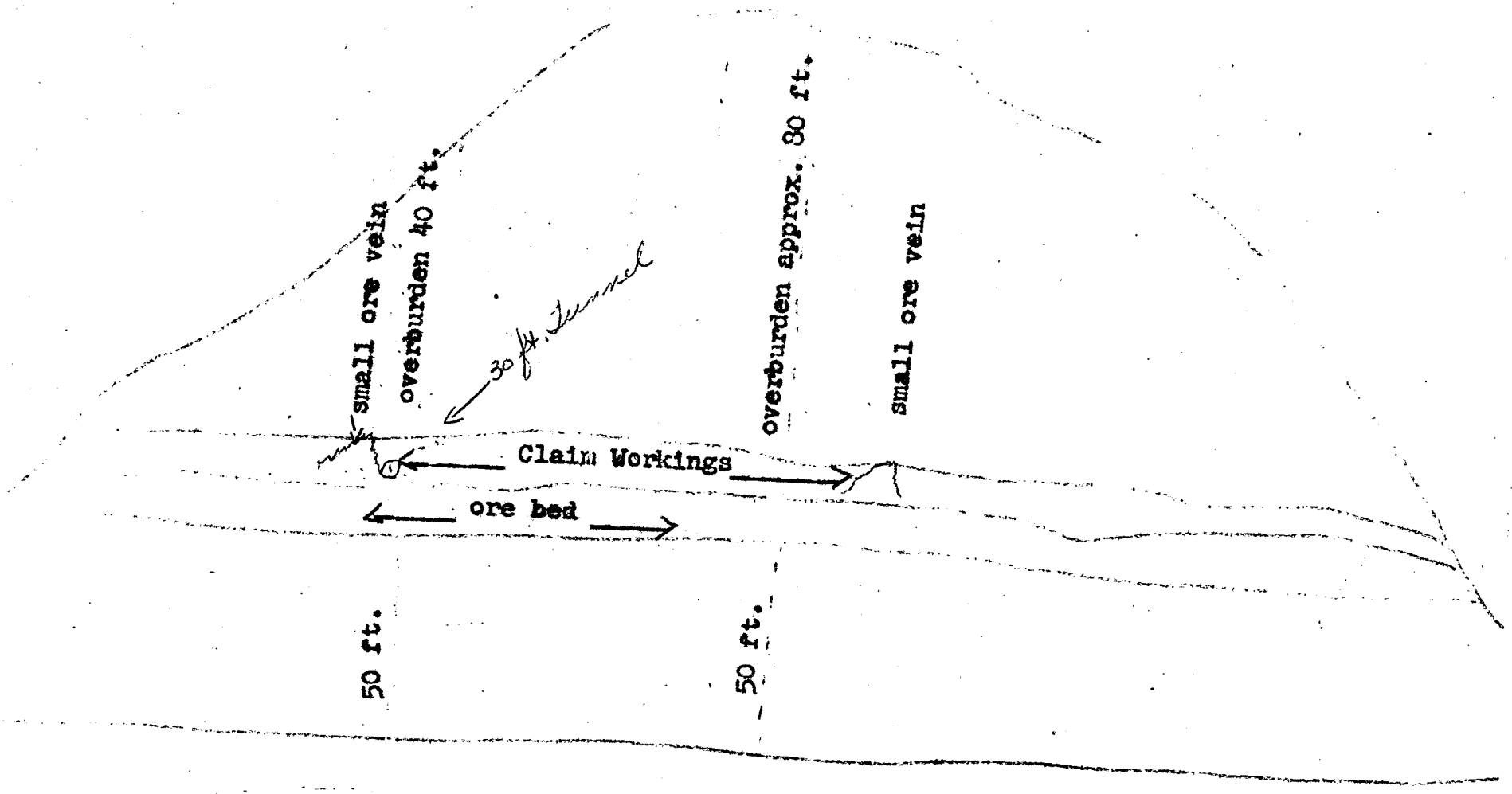
| Fe. | Sul. | Ignition Loss | $SiO_2$ | Phos. | Mn | $Al_2O_3$ | CaO | MgO |
|---|---|---|---|---|---|---|---|---|
| 56.00 | .030 | 4.64 | 9.47 | .014 | 1.46 | 2.33 | .66 | .54 |

## ANALYSIS OF YOUR ORE

| Fe. | Sul. | Ignition Loss | $SiO_2$ | Phos. | Mn | $Al_2O_3$ | CaO | MgO |
|---|---|---|---|---|---|---|---|---|
| 59.00 | .005 | 5.12 | 11.32 | .023 | .17 | 3.67 | .73 | .20 |

dlin and Kahnke
R. E. Kahnke
Watertown, South Dakota

ROUGH DRAWING OF SITE OF PROPOSED EXPLORATION WORK.



# AGREEMENT

THIS AGREEMENT made and entered into this 21st day of June, A. D. 1952, executed in triplicate, by and between John Guidinger, Donald Guidinger, Chester Guidinger, Charles Kokesh, and Frank Kokesh, parties of the first part, all of Sundance, State of Wyoming, and Ralph Redlin of Kilendle, North Dakota, and R. E. Kahnke, of Watertown, South Dakota, parties of the second part, witnesseth:

That whereas parties of the first part are claimants and owners of certain United States mining claims, now in good standing, all of which are more fully described and set forth in Exhibits "A", "B", and "C", attached hereto, and by reference expressly made a part hereof, and thirteen (13) additional adjoining claims to be staked and filed, said claims being situate in the County of Crook, State of Wyoming, at or near the location commonly known as Riflepit Canyon; and whereas the parties of the second part have assisted the parties of the first part in doing the assessment work required to keep said mining claims in good standing;

And whereas it is to the mutual interest of all parties concerned that said locations and claims be properly worked so as to prove and determine the value thereof for mining purposes;

NOW THEN, for and in consideration of the mutual promises, covenants, and stipulations hereinafter contained, it is agreed as follows, to-wit:

1. Parties of the second part covenant and agree that on or before date of August 1, 1953, at their own expense, they shall have the necessary and proper equipment and supplies on the premises of some location upon the claim or claims described in the Exhibits herein, which said equipment and supplies shall be proper and adequate to accomplish the purposes of this agreement relative to working the claim or claims as hereinafter stipulated.

2. Parties of the second part further covenant and agree that said equipment and supplies shall be adequate to accomplish the opening of a pit or hold on some location on the claim or claims described in the Exhibits, which shall be adequate to properly test the ore content for quality and quantity; however, nothing herein shall prevent either or any of the parties hereto from agreeing to further operations on the premises under this agreement; that the parties of the second part shall have a period of two years in which to do the work contemplated by this paragraph.

3. It is expressly understood and agreed that if parties of the second part do comply with their covenants and agreements herein and if a pit or hole is completed as set forth in paragraph 2, then the parties of the second part have the right and option, upon demand made to parties of the first part, to an assignment, transfer, and conveyance from said parties of the first part, and each of them, covering an undivided one-half (1/2) interest in and to each and

all of the United States mining claims set forth in the Exhibits attached hereto, and to each and all other mining claims which each or any of the parties hereto may have by filings or otherwise on property and lands immediately adjoining those upon which the claims in the Exhibits are described.

4. That, upon the completion of the operations under this Agreement, parties of the second part shall have a period of six (6) months within which to exercise the option and right set forth in paragraph 3 herein; furthermore, if parties of the second part do, in fact, complete this contract and agreement and do furthermore exercise the option granted herein, then, and in that event, it is understood that each and all of the parties hereto shall enter into an agreement for the further purposes of developing and operating said claims, share and share alike, in accordance with the rules, regulations, and laws relative to operating United States mining claims.

5. It is understood and agreed that the parties will immediately make an application to the Defense Minerals Administration of the United States Department of the Interior for a loan and for assistance under the provisions of the Defense Production Act of 1950 for the purpose of financing the exploration work to be done pursuant to this agreement. It is understood and agreed that the parties of the second part are hereby authorized for and on behalf of all of the parties hereto and for the account of all of the parties hereto to make such application, and said parties of the second part are hereby authorized to enter into any and all necessary agreements on behalf of all of the parties that may be necessary to secure the desired loan and assistance from the Defense Minerals Administration; and the parties of the first part do hereby ratify, confirm and approve any and all acts which may be performed and done by the said parties of the second part in connection with said application and in connection with meeting any of the requirements which the Defense Minerals Administration may make as a condition to rendering assistance; and all of the parties hereto to hereby expressly pledge their interest in the property to the performance of any agreements made with the Defense Minerals Administration in connection with said application.

6. Each of the parties of the first part do hereby expressly appoint the said Ralph Redlin and the said R. E. Kahnke as their attorneys in fact to execute for and on their behalf any and all such documents required by the Defense Minerals Administration, and said parties of the second part agree to be bound by all documents.

7. The parties further agree to execute any and all necessary exploration contracts or other agreements required in order to secure said governmental assistance and agree to execute the consents to attachment of the lien of the government to said claims as may be required by the government as provided for by the regulations.

IN WITNESS WHEREOF we have hereunto set our hands and seals this 21st day of July, A. D. 1952.

PARTIES OF THE FIRST PART:

John Guidinger
John Guidinger

Donald Guidinger
Donald Guidinger

Chester Guidinger
Chester Guidinger

Charles Kokesh
Charles Kokesh

Frank Kokesh
Frank Kokesh

Witness to All:

Edwin Rounds

Witness:

Jean Mettlinder

PARTIES OF THE SECOND PART:

Ralph Redlin
Ralph Redlin

R. E. Kahnke
R. E. Kahnke

STATE OF WYOMING)
: SS
COUNTY OF CROOK)

On this 4th day of August, A. D., 1952, before me personally appeared John Guidinger, Donald Guidinger, Chester Guidinger, Charles Kokesh and Frank Kokesh, to me personally known, who acknowledged to me that they signed and executed the above and foregoing instrument, and that they did sign same as their free and voluntary acts and deeds.

Given under my hand and notarial seal this day and year in this certificate first above written.

My Commission Expires:
Jan. 30 1954
(Seal)

Edwin Rounds
Notary Public
United States Commissioner

STATE OF NORTH DAKOTA)
: SS
COUNTY OF DICKEY )

On this 9 day of Aug., A. D. 1952, before me personally appeared Ralph Redlin, to me personally known, who acknowledged to me that he signed and executed the above and foregoing instrument, and that he did sign same as his free and voluntary act and deed.

Given under my hand and notarial seal the day and year in this certificate first above written.

Earl H. Redlin
Notary Public.

My Commission Expires:
11-12-54
(Seal)

STATE OF SOUTH DAKOTA)
: SS
COUNTY OF CODINGTON )

On this 7th day of August, A. D. 1952, before me personally appeared N. E. Kahnke, to me personally known, who acknowledged to me that he signed and executed the above and foregoing instrument, and that he did sign same as his free and voluntary act and deed.

Given under my hand and notarial seal the day and year in this certificate first above written.

[illegible]
Notary Public.

My Commission Expires:
8-26-54
(Seal)

EXHIBIT "A"

Location Certificate

KNOW ALL MEN BY THESE PRESENTS:

That We, the undersigned, of the County of Crook, and State of Wyoming, claim by right of discovery and location, fifteen hundred feet, linear and horizontal measurement, on the HOME GUARD #1 lode, along the vein thereof, with all its dips, variations and angles, together with three hundred (300) feet in width on each side of the middle of said vein at the surface and all veins, lodes, ledges and surface ground within the lines of said claim thirteen hundred seventy five (1375) feet on said lode, running northerly from the center of the discovery shaft, and one hundred twenty five (125) feet, running southerly from said center of the discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim in Unorganized Mining District, County of Crook, State of Wyoming, being more particularly described as follows, to-wit:

Beginning at the Half Section Stake (T. R. 37), Section 20, Township 50 N., Range 60W, of the Sixth Principal Meridian; go approximately 4350 feet southeasterly to Stake #5, southwest corner, then go north 750 feet to Stake #6, west side center, then go north 750 feet to Stake #1, the northwest corner, then go east 600 feet to Stake #2, the northeast corner, then go south 750 feet to Stake #3, east side center, then go south 750 feet to Stake #4, southeast corner, then go west 600 feet to Stake #5.

Said Home Guard #1 lode was located on the 13th day of March, A. D. 1951.

Date of Certificate April 26, 1951.

/s/ Chester L. Guidinger
/s/ John Guidinger
/s/ Donald K. Guidinger
/s/ Frank T. Kokesh
/s/ Charles H. Kokesh

---

CERTIFICATE

I, James E. Barrett, Attorney at Law, of Lusk, Wyoming, do hereby state, declare and affirm that the above typewritten Exhibit "A" has been copied from the original of said Location Certificate bearing number 147641, which was duly recorded in the Office of the Register of Deeds of Crook County, State of Wyoming, on the 28th day of April, 1951, at 9:00 A. M. in Book 101 of Locations on Page 518 of the records in said office, as shown by certificate thereon.

Dated at Lusk, Wyoming, this 7th day of May, 1952.

/s/ James E. Barrett
James E. Barrett

EXHIBIT 'B'

Location Certificate

KNOW ALL MEN BY THESE PRESENTS:

That We, the undersigned, of the County of Crook, and State of Wyoming, claim by right of discovery and location, fifteen hundred feet, linear and horizontal measurement, on the HOME GUARD #2 lode along the vein thereof, with all its dips, variations and angles, together with three hundred (300) feet in width on each side of the middle of said vein at the surface and all veins, lodes, ledges and surface ground within the lines of said claim fourteen hundred fifty (1450) feet on said lode, running northerly from the center of the discovery shaft, and fifty (50) feet, running southerly from said center of the discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim in Unorganized Mining District, County of Crook, State of Wyoming, being more particularly described as follows, to-wit:

Beginning at the Half Section Stake (T. R. 37), Section 20, Township 50N, Range 60 W, of the Sixth Principal Meridian, go approximately 3750 feet southeasterly to Stake #5, southwest corner, then go north 750 feet to Stake #6, the west side center, then go north 750 feet to Stake #1, the northwest corner, then go east 600 feet to Stake #2, the northeast corner, then go south 750 feet to Stake #3, the east sidecenter, then go south 750 feet to Stake #4, the southeast corner, then go west 600 feet to Stake #5.

Said HOME GUARD #2 lode was located on the 13th day of March, A. D. 1951.

Date of Certificate April 26, 1951.

/s/ Chester L. Guidinger
/s/ John Guidinger
/s/ Donald E. Guidinger
/s/ Frank T. Kokesh
/s/ Charles H. Kokesh

---

CERTIFICATE

I, James E. Barrett, Attorney at Law of Lusk, Wyoming, do hereby state, declare and affirm that the above typewritten Exhibit 'B' has been copied from the original of said Location Certificate bearing number 147642, which has been duly recorded in the Office of the Register of Deeds of Crook County, State of Wyoming, on the 28th day of April, at 9:55 A. M. in Book 101 of locations on Page 519 of the records in said office, as shown by certificate thereon.

Dated at Lusk, Wyoming, this 7th day of May, A. D. 1952.

/s/ James E. Barrett
James E. Barrett

EXHIBIT "C"

Location Certificate

KNOW ALL MEN BY THESE PRESENTS:

That We, the undersigned, of the County of Crook, and State of Wyoming, claim by right of discovery and location, fifteen hundred feet, linear and horizontal measurement, on the HOME GUARD #3 lode, along the vein thereof, with all its dips, variations and angles, together with three hundred (300) feet in width on each side of the middle of said vein at the surface and all veins, lodes, ledges and surface ground within the lines of said claim, twelve hundred forty (1240) feet on said lode, running northerly from the center of the discovery shaft, and two hundred sixty (260) feet, running southerly from said center of the discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim in Unorganized Mining District, County of Crook, State of Wyoming, being more particularly described as follows, to-wit:

Beginning at the Half Section Stake (T.R. 37), Section 20, Township 50N, Range 60 W, of the Sixth Principal Meridian; go approximately 4950 feet southeasterly to Stake #5, the southeast corner, then go north 750 feet to Stake #6, the west side center, then go north 750 feet to Stake #1, the northwest corner, then go east 600 feet to Stake #2, the northeast corner, then go south 750 feet to Stake #3, the east side center, then go south 750 feet to Stake #4, the southeast corner, then go west 600 feet to Stake #5.

Said Home Guard #3 lode was located on the 13th day of March, A.D.,1951.

Date of Certificate April 26, 1951.

/s/ Chester L. Guidinger
/s/ John Guidinger
/s/ Donald K. Guidinger
/s/ Frank T. Kokesh
/s/ Charles H. Kokesh

---

CERTIFICATE

I, James E. Barrett, Attorney at Law, of Lusk, Wyoming, do hereby state, declare and affirm that the above typewritten Exhibit "C" has been copied from the original of said Location Certificate bearing number 147640, which has been duly recorded in the Office of the Register of Deeds of Crook County, State of Wyoming, on the 28th day of April, 1951, at 9:00 o'clock and 55 minutes a. m. in Book 101 of Locations on Page 517 of the records in said office, as shown by certificate thereon.

Dated at Lusk, Wyoming, this 7th day of May, 1952.

/s/ James E. Barrett
James E. Barrett

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 25 1952

MF-102
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

# 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-2670
Metal or Mineral
Date Received 8-25-52
Estimated Cost
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: Ralph Redlin and R. E. Kahnke, c/o R. E. Kahnke, 405 5th Avenue, N. W., Watertown, South Dakota. The two above-named parties are partners doing business as Redlin and Kahnke, and the address of Ralph Redlin is Ellendale, North Dakota, and the address of R. E. Kahnke as above stated.

(*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 Applicants' property rights are in mining claims on Section 20, Township 50 N, Range 60 W of the 6th Principal Meridian, Crook County, Wyoming, and the interests are in accordance with the terms of a contract between John Guldinger, et al, Ralph Redlin and R. E. Kahnke, bearing date of July 21, 1952, copy of which is hereto attached and made a part of this application.

(*b*) State any mine name by which the property is known. Home Guard #1, #2 and #3

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise partner under mining partnership with locators

(*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. copy of the contract is submitted herewith.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. The book and page numbers of each recorded location notice are contained in the Exhibits attached to the Contract.

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*) [redacted]te the mineral or minerals for which you wi[redacted] explore iron ore

(*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 10 days and be completed within 2 years 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)? Yes

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

[x] Money [x] 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 July 22, 1952

KAHNKE AND REDLIN
(Applicant)

By Ralph Redlin Partner.

R. E. Kahnke Partner.

**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

ANSWERS TO QUESTIONS APPEARING ON MF-103, "APPLICATION FOR AID IN AN EXPLORATION PROJECT," REDLIN AND KAHNKE, WATERTOWN, S. D.

The numbering observed on the following sheets will be the numbers appearing on the Form MF-103.

4 (a) Some exploration work has been done on the claims described in the contract and iron ore veins have been discovered. One tunnel back into a hill has been carried a distance of about thirty feet and it looks as though there is a very good iron ore deposit. The tunnel has caved in because of the overburden. In order to accurately determine how large the iron ore body is it will be necessary to use heavy dirt-moving equipment to remove the overburden. The overburden is about eighty feet in depth at the highest point and can be readily moved away from the ore on both sides.

4 (b) Several ton of ore have been removed and the ore is of a very good grade. Several assays of the ore have been obtained and the assays show the iron content to range from fifty-six per cent to fifty-nine and 6/10 per cent.

4 (c) The veins or bodies of ore are located in rough, mountainous country and the usual minerals associated with iron are present in minor quantities. Attached hereto as Exhibits are copies of the assay reports received. There are in our opinion iron ore veins leading to a large ore bed. We wish to explore to see if there is sufficient iron ore to justify mining the are for commercial use. Attached hereto is a rough drawing of the veins and ore bed.

4 (d) The nearest town is Sundance, Wyoming, and other supply points are Lead, South Dakota, and Deadwood, South Dakota. The nearest railroad point is Moorcroft, approximately thirty miles. The residence points are right next to the property and adequate places are available for building residence quarters. House trailers would be used during the exploration period.

4 (e) Adequate man power, materials, supplies and equipment are readily available; water is available on the site and the electric power line is within six miles of the property.

5 (b) See rough map attached in response to 4(c).

5 (d) Both Redlin and Kahnke have had operating experience operating businesses, and both have had a successful business background. They will personally supervise the operation. Adequate assistance for mining operations will be obtained as men having mining experience will be employed.

6. ESTIMATE OF COSTS.

(a) Independent contracts. None

(b) Labor, supervision, consultants. The following is a schedule of the number, classes, wages, salaries and other expenses to be incurred in connection with employees, to-wit:

Redlin and Kahnke
% R. E. Kahnke
Watertown, South Dakota

TOTAL OPERATING EQUIPMENT $ 65,140.00

The above-described equipment will be owned by the operators and will be purchased at a cost of approximately $45,500.00.

6(e) None that will enter into the cost of the project.

6(f) The following additional buildings or installations will be required in connection with carrying on the project.

1. A frame building or 3 or 4 trailer houses
2. A tool shop
3. One 500-gal. fuel tank
4. One 100-gal. fuel tank

COST $ 10,000.00

6(g) Miscellaneous.
Cost of repairs and maintenance of operating equipment figured in the flat rate charge for use of operating equipment. Other miscellaneous items accounting workmen's compensation and employer's liability insurance and payroll taxes $ 10,000.00

6(h) Contingencies. $ 1,000.00

TOTAL COST OF PROJECT $119,430.00

7(a) The applicants have the money available and either have or can acquire the equipment to put up its share of the participation in the proposed project.

7(b) The applicants will put in their share of the money and have or will acquire all of the operating equipment specified above and will have it ready and on the project within thirty days after the approval of the application is given and the necessary agreements have been entered into.

Dated July 22, 1952.

REDLIN AND KAHNKE

By Ralph Redlin
Partner.

By R. E. Kahnke
Partner.

Redlin and Kahnke
% R. E. Kahnke
Watertown, South Dakota

| No. of Employees | Class | Rates of Pay | Total Estimated Cost |
|---|---|---|---|
| 1 | Tractor & Bulldozer | $2.35 hr. | Cost incl.equip. cost figures submitted below. |
| 1 | Supervisor | $2.25 hr. | 2,880 hrs. $6,480.00 |
| 1 | Foreman | $2.25 hr. | 2,880 hrs. $6,480.00 |
| 1 | Geologist | not known | $ 500.00 |
| 1 | Engineer | not known | $ 500.00 |
| 3 | Common Laborers | $65.00 wk.ea. | 18 mos. $14,040.00 |
| 1 | Cook & Laundryman | $70.00 wk. | 5,040.00 |
| TOTAL LABOR COST | | | $33,040.00 |

6 (c) Operating materials and supplies. The following is an estimate of the items and the cost thereof for materials and supplies, including items of equipment costing less than $50.00 each, to-wit:

| | |
|---|---|
| 6 | shovels and spades |
| 4 | picks |
| 3 | thermos jugs |
| 3 | crow bars |
| 3 | rock wedges |
| 1 | 24" pipe wrench |
| 3 | saws |
| 4 | Hammers, 1-12 pounds |
| 1 | 100' tape |
| 12 | steel stakes |
| | miscellaneous small tools such as pliers and other small wrenches |
| 1 | 24" crescent wrench |

COST FOR ALL OF THE ABOVE $ 300.00

NOTE: No electric power will be obtained from the high line during the exploration period. Fuel costs are figured in connection with the operating equipment.

6 (d) Operating equipment. The following is an itemized list of the operating equipment which is to be owned by and will be furnished by the operator with a suggested use allowance based on present value, to-wit:

| Item | Rate | | Estimated Cost |
|---|---|---|---|
| Core Drilling | $7.00 per ft. | | $ 3,500.00 |
| Large Crawler or Caterpillar tractor and large Bulldozer | $18.00 per hr. | -- 1,480 hrs. | 26,640.00 |
| Large 22 yd. scraper to be operated by same Caterpillar | $ 25.00 per hr. | -- 1,400 hrs. | $35,000.00 |

# AGREEMENT

THIS AGREEMENT made and entered into this 21st day of June, A. D. 1952, executed in triplicate, by and between John Guidinger, Donald Guidinger, Chester Guidinger, Charles Kokesh, and Frank Kokesh, parties of the first part, all of Sundance, State of Wyoming, and Ralph Redlin of Ellendale, North Dakota, and R. E. Kahnke, of Watertown, South Dakota, parties of the second part, witnesseth:

That whereas parties of the first part are claimants and owners of certain United States mining claims, now in good standing, all of which are more fully described and set forth in Exhibits "A", "B", and "C", attached hereto, and by reference expressly made a part hereof, and thirteen (13) additional adjoining claims to be located and filed, said claims being situate in the County of Crook, State of Wyoming, at or near the location commonly known as Rifleplit Canyon; and whereas the parties of the second part have assisted the parties of the first part in doing the assessment work required to keep said mining claims in good standing;

And whereas it is to the mutual interest of all parties concerned that said locations and claims be properly worked so as to prove and determine the value thereof for mining purposes;

NOW THEN, for and in consideration of the mutual promises, covenants, and stipulations hereinafter contained, it is agreed as follows, to-wit:

1. Parties of the second part covenant and agree that on or before date of August 1, 1953, at their own expense they shall have the necessary and proper equipment and supplies on the premises of some location upon the claim or claims described in the Exhibits herein, which said equipment and supplies shall be proper and adequate to accomplish the purposes of this agreement relative to working the claim or claims as hereinafter stipulated.

2. Parties of the second part further covenant and agree that said equipment and supplies shall be adequate to accomplish the opening of a pit or hold on some location on the claim or claims described in the Exhibits, which shall be adequate to properly test the ore content for quality and quantity; however, nothing herein shall prevent either or any of the parties hereto from agreeing to further operations on the premises under this agreement; that the parties of the second part shall have a period of two years in which to do the work contemplated by this paragraph.

hole

3. It is expressly understood and agreed that if parties of the second part do comply with their covenants and agreements herein and if a pit or hole is completed as set forth in paragraph 2, then the parties of the second part have the right and option, upon demand made to parties of the first part, to an assignment, transfer, and conveyance from said parties of the first part, and each of them, covering an undivided one-half (1/2) interest in and to each and

all of the United States mining claims set forth in the Exhibits attached hereto, and to each and all other mining claims which each or any of the parties hereto may have by filings or otherwise on property and lands immediately adjoining those upon which the claims in the Exhibits are described.

4. That, upon the completion of the operations under this Agreement, parties of the second part shall have a period of six (6) months within which to exercise the option and right set forth in paragraph 3 herein; furthermore, if parties of the second part do, in fact, complete this contract and agreement and do furthermore exercise the option granted herein, then, and in that event, it is understood that each and all of the parties hereto shall enter into an agreement for the further purposes of developing and operating said claims, share and share alike, in accordance with the rules, regulations, and laws relative to operating United States mining claims.

5. It is understood and agreed that the parties will immediately make an application to the Defense Minerals Administration of the United States Department of the Interior for a loan and for assistance under the provisions of the Defense Production Act of 1950 for the purpose of financing the exploration work to be done pursuant to this agreement. It is understood and agreed that the parties of the second part are hereby authorized for and on behalf of all of the parties hereto and for the account of all of the parties hereto to make such application, and said parties of the second part are hereby authorized to enter into any and all necessary agreements on behalf of all of the parties that may be necessary to secure the desired loan and assistance from the Defense Minerals Administration; and the parties of the first part do hereby ratify, confirm and approve any and all acts which may be performed and done by the said parties of the second part in connection with said application and in connection with meeting any of the requirements which the Defense Minerals Administration may make as a condition to rendering assistance; and all of the parties hereto to hereby expressly pledge their interest in the property to the performance of any agreements made with the Defense Minerals Administration in connection with said application.

6. Each of the parties of the first part do hereby expressly appoint the said Ralph Redlin and the said R. E. Kahnke as their attorneys in fact to execute for and on their behalf any and all such documents required by the Defense Minerals Administration, and said parties of the second part agree to be bound by all documents.

7. The parties further agree to execute any and all necessary exploration contracts or other agreements required in order to secure said governmental assistance and agree to execute the consents to attachment of the lien of the government to said claims as may be required by the government as provided for by the regulations.

IN WITNESS WHEREOF we have hereunto set our hands and seals this 21st day of July, A. D. 1952.

PARTIES OF THE FIRST PART:

John Guidinger
John Guidinger

Donald Guidinger
Donald Guidinger

Chester Guidinger
Chester Guidinger

Charles Kokesh
Charles Kokesh

Frank Kokesh
Frank Kokesh

Witness to All:

Edwin Pounds

Witness:

Jean Mittlider

PARTIES OF THE SECOND PART:

Ralph Redlin
Ralph Redlin

R. E. Kahnke
R. E. Kahnke

STATE OF WYOMING)
: SS
COUNTY OF CROOK)

On this 4th day of August, A. D., 1952, before me personally appeared John Guidinger, Donald Guidinger, Chester Guidinger, Charles Kokesh and Frank Kokesh, to me personally known, who acknowledged to me that they signed and executed the above and foregoing instrument, and that they did sign same as their free and voluntary acts and deeds.

Given under my hand and notarial seal this day and year in this certificate first above written.

My Commission Expires:
Jan. 30-1954
(Seal)

Edwin Pounds
Notary Public
United States Commissioner

STATE OF NORTH DAKOTA)
: SS
COUNTY OF DICKEY )

On this 9 day of Aug., A. D. 1952, before me personally appeared Ralph Redlin, to me personally known, who acknowledged to me that he signed and executed the above and foregoing instrument, and that he did sign same as his free and voluntary act and deed.

Given under my hand and notarial seal the day and year in this certificate first above written.

Earl H. Redlin
Notary Public.

My Commission Expires:
11-12-54
(Seal)

STATE OF SOUTH DAKOTA)
: SS
COUNTY OF CODINGTON )

On this 7th day of August, A. D. 1952, before me personally appeared N. E. Kahnke, to me personally known, who acknowledged to me that he signed and executed the above and foregoing instrument, and that he did sign same as his free and voluntary act and deed.

Given under my hand and notarial seal the day and year in this certificate first above written.

Andrew Lawton
Notary Public.

My Commission Expires:
8-26-54
(Seal)

EXHIBIT 'A'

Location Certificate

KNOW ALL MEN BY THESE PRESENTS:

That We, the undersigned, of the County of Crook, and State of Wyoming, claim by right of discovery and location, fifteen hundred feet, linear and horizontal measurement, on the HOME GUARD #1 lode, along the vein thereof, with all its dips, variations and angles, together with three hundred (300) feet in width on each side of the middle of said vein at the surface and all veins, lodes, ledges and surface ground within the lines of said claim thirteen hundred seventy five (1375) feet on said lode, running northerly from the center of the discovery shaft, and one hundred twenty five (125) feet, running southerly from said center of the discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim in Unorganized Mining District, County of Crook, State of Wyoming, being more particularly described as follows, to-wit:

Beginning at the Half Section Stake (T. R. 37), Section 20, Township 50 N., Range 60W of the Sixth Principal Meridian; go approximately 4350 feet southeasterly to Stake #5, southeast corner, then go north 750 feet to Stake #6, west side center, then go north 750 feet to Stake #1, the northwest corner, then go east 600 feet to Stake #2, the northeast corner, then go south 750 feet to Stake #3, east side center, then go south 750 feet to Stake #4, southeast corner, then go west 600 feet to Stake #5.

Said Home Guard #1 lode was located on the 13th day of March, A. D. 1951.

Date of Certificate April 26, 1951.

/s/ Chester L. Guidinger
/s/ John Guidinger
/s/ Donald K. Guidinger
/s/ Frank T. Kokesh
/s/ Charles M. Kokesh

---

CERTIFICATE

I, James E. Barrett, Attorney at Law, of Lusk, Wyoming, do hereby state, declare and affirm that the above typewritten Exhibit 'A' has been copied from the original of said Location Certificate bearing number 147641, which was duly recorded in the Office of the Register of Deeds of Crook County, State of Wyoming, on the 28th day of April, 1951, at 9:00 A. M. in Book 101 of Locations on Page 518 of the records in said office, as shown by certificate thereon.

Dated at Lusk, Wyoming this 7th day of May, 1952.

/s/ James E. Barrett
James E. Barrett

EXHIBIT "B"

Location Certificate

KNOW ALL MEN BY THESE PRESENTS:

That We, the undersigned, of the County of Crook, and State of Wyoming, claim by right of discovery and location, fifteen hundred feet linear and horizontal measurement, on the HOME GUARD #2 lode, along the vein thereof, with all its dips, variations and angles, together with three hundred (300) feet in width on each side of the middle of said vein at the surface and all veins, lodes, ledges and surface ground within the lines of said claim fourteen hundred fifty (1450) feet on said lode, running northerly from the center of the discovery shaft, and fifty (50) feet, running southerly from said center of the discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim in Unorganized Mining District, County of Crook, State of Wyoming, being more particularly described as follows, to-wit:

Beginning at the Half Section Stake (T. R. 37), Section 20, Township 50N, Range 60 W, of the Sixth Principal Meridian, go approximately 3750 feet southeasterly to Stake #5, southwest corner, then go north 750 feet to Stake #6, the west side center, then go north 750 feet to Stake #1, the northwest corner, then go east 600 feet to Stake #2, the northeast corner, then go south 750 feet to Stake #3, the east sidecenter, then go south 750 feet to Stake #4, the southeast corner, then go west 600 feet to Stake #5.

Said HOME GUARD #2 lode was located on the 13th day of March, A. D. 1951.

Date of Certificate April 26, 1951.

/s/ Chester L. Guidinger
/s/ John Guidinger
/s/ Donald M. Guidinger
/s/ Frank T. Kokesh
/s/ Charles M. Kokesh

---

CERTIFICATE

I, James E. Barrett, Attorney at Law of Lusk, Wyoming, do hereby state, declare and affirm that the above typewritten Exhibit "B" has been copied from the original of said Location Certificate bearing number 147642, which has been duly recorded in the Office of the Register of Deeds of Crook County, State of Wyoming, on the 28th day of April, at 9:55 A. M. in Book 101 of locations on Page 519 of the records in said office, as shown by certificate thereon.

Dated at Lusk, Wyoming, this 7th day of May, A. D. 1952.

/s/ James E. Barrett
James E. Barrett

EXHIBIT "C"

Location Certificate

KNOW ALL MEN BY THESE PRESENTS:

That We, the undersigned, of the County of Crook, and State of Wyoming, claim by right of discovery and location, fifteen hundred feet, linear and horizontal measurement, on the HOME GUARD #3 lode, along the vein thereof, with all its dips, variations and angles, together with three hundred (300) feet in width on each side of the middle of said vein at the surface and all veins, lodes, ledges and surface ground within the lines of said claim, twelve hundred forty (1240) feet on said lode, running northerly from the center of the discovery shaft, and two hundred sixty (260) feet, running southerly from said center of the discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim in Unorganized Mining District, County of Crook, State of Wyoming, being more particularly described as follows, to-wit:

Beginning at the Half Section Stake (T.R. 37), Section 20, Township 50N, Range 60 W, of the Sixth Principal Meridian; go approximately 4950 feet southeasterly to Stake #5, the southwest corner, then go north 750 feet to Stake #6, the west side center, then go north 750 feet to Stake #1, the northwest corner, then go east 600 feet to Stake #2, the northeast corner, then go south 750 feet to Stake #3, the east side center, then go south 750 feet to Stake #4, the southeast corner, then go west 600 feet to Stake #5.

Said Home Guard #3 lode was located on the 13th day of March, A.D.,1951.

Date of Certificate April 26, 1951.

/s/ Chester L. Guidinger
/s/ John Guidinger
/s/ Donald K. Guidinger
/s/ Frank T. Kokesh
/s/ Charles H. Kokesh

---

CERTIFICATE

I, James E. Barrett, Attorney at Law, of Lusk, Wyoming, do hereby state, declare and affirm that the above typewritten Exhibit "C" has been copied from the original of said Location Certificate bearing number 147640, which has been duly recorded in the Office of the Register of Deeds of Crook County, State of Wyoming, on the 28th day of April, 1951, at 9:00 o'clock and 55 minutes a. m. in Book 101 of Locations on Page 517 of the records in said office, as shown by certificate thereon.

Dated at Lusk, Wyoming, this 7th day of May, 1952.

/s/ James E. Barrett
James E. Barrett

Redlin and Kahnke
% R. E. Kahnke
Watertown, South Dakota

C O P Y

SMITH-EMERY COMPANY
Chemical Engineers and Chemists
Metallurgical and Testing Engineers
920 Santee Street
LOS ANGELES 15
CALIFORNIA

LABORATORY

Date March 14, 1952

No. 351063

Sample Ore

Marked

Submitted by R. E. Kahnke,
6850 Balcom,
Reseda, California.

## REPORT OF QUALITATIVE SPECTROGRAPHIC EXAMINATION

| Element | Approximate Quantity |
|---|---|
| Iron | Major Constituent |
| Silicon | Intermediate Constituent |
| | Minor Constituents |
| Aluminum | 1% |
| Calcium | 1% |
| Magnesium | 0.1% |
| Manganese | 0.1% |
| Tungsten | 0.1% - ? |
| Sodium | 0.1% |
| Titanium | 0.05% |
| Strontium | 0.01% |
| Zinc | 0.01% |
| Barium | 0.005% |
| Vanadium | 0.005% |
| Chromium | 0.005% |
| Nickel | 0.005% |
| Molybdenum | 0.005% |
| Cobalt | 0.001% |
| Lead | 0.001% |

Respectfully submitted,
/s/ Smith-Emery Company

(SEAL)

CHEMISTS AND ENGINEERS
/s/ EOS

All reports are submitted as the confidential property of clients. Authorization for publication of our reports, conclusions, or extracts from or regarding them is reserved pending our written approval as a mutual protection to clients, the public and ourselves.

Redlin and Kahnke
% R. E. Kåhnke
Watertown, South Dakota

February 18, 1952

To: S. G. Sargis, Supervisor Raw Materials

From: G. W. Madsen

Subject: Iron Ore

Below is the analysis of the iron ore sample by Ralph Redlin, Ellendale, North Dakota.

| | 2-RD-14-1 |
|---|---|
| $SiO_2$ | 5.83 |
| Fe | 59.6 |
| S | .009 |
| P | .040 |
| Mn | 0.3 |
| As | .01 |
| Zn | .03 |

/s/ G. W. Madsen

Chief Chemist

GWM:hk

R[illegible]in and Kahnke
S[illegible]. E. Kahnke
Watertown, South Dakota

## AVERAGE ANALYSIS OF A GOOD GRADE OF IRON ORE

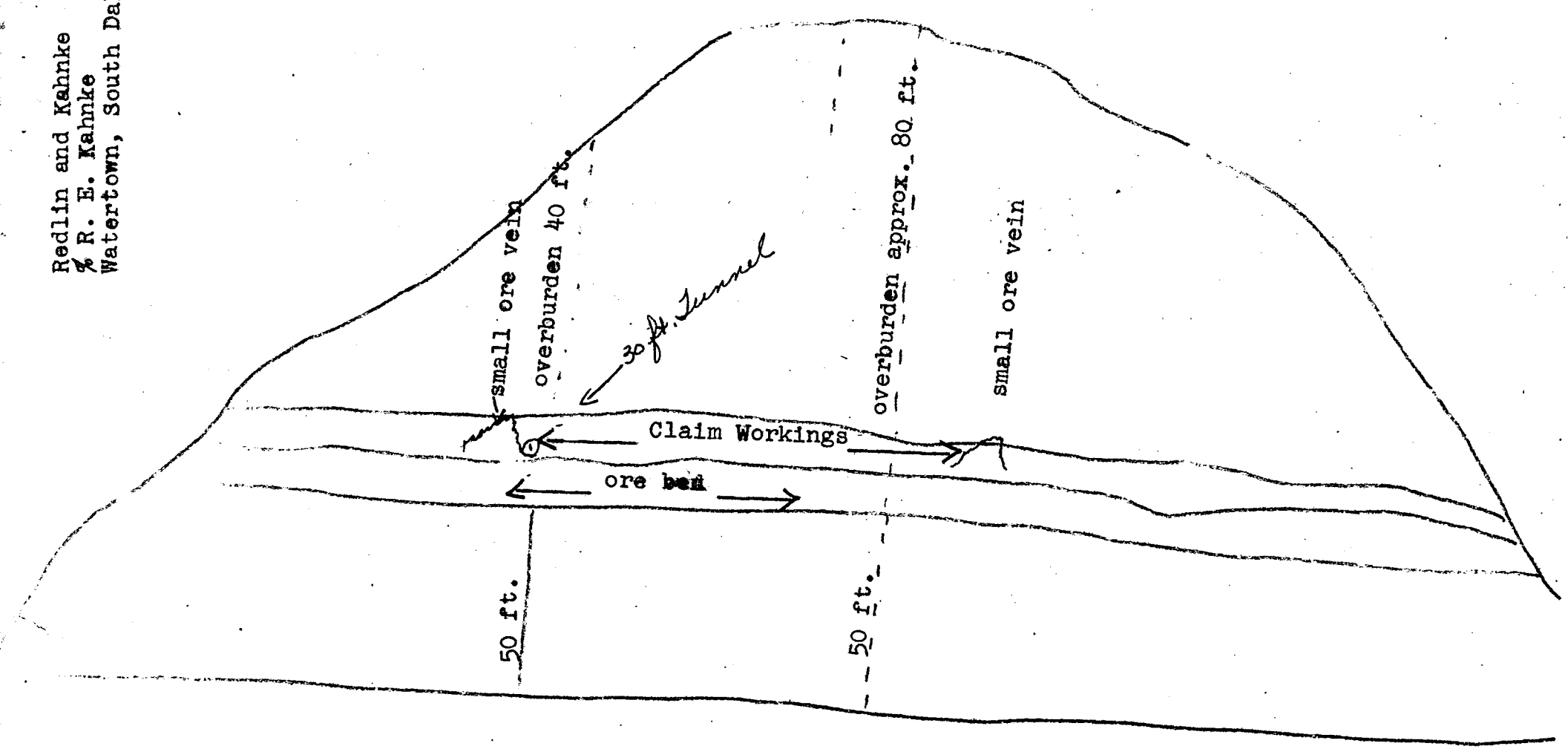
| Fe. | Sul. | Ignition Loss | $SiO_2$ | Phos. | Mn | $Al_2O_3$ | CaO | MgO |
|---|---|---|---|---|---|---|---|---|
| 56.00 | .030 | 4.64 | 9.47 | .014 | 1.46 | 2.33 | .66 | .54 |

## ANALYSIS OF YOUR ORE

| Fe. | Sul. | Ignition Loss | $SiO_2$ | Phos. | Mn | $Al_2O_3$ | CaO | MgO |
|---|---|---|---|---|---|---|---|---|
| 59.00 | .005 | 5.12 | 11.32 | .028 | .17 | 3.67 | .73 | .20 |

Redlin and Kahnke
% R. E. Kahnke
Watertown, South Dakota

ROUGH DRAWING OF SITE OF PROPOSED EXPLORATION WORK.



# OUT

| No or Name | Taken By | Date Taken | No. or Name | Taken By | Date Taken | No. or Name | Taken By | Date Taken |
|---|---|---|---|---|---|---|---|---|
| ~~Mr Chiang~~ | ~~4252~~ | ~~1/29/58~~ | | | | | | |
| Box 80 | | | | | | | | |
| ~~4328~~ | ~~5/15/58~~ | | 700 | | | | | |
| ~~2405~~ | ~~400~~ | | | | | | | |
| ~~2404~~ | ~~Hold~~ | ~~8/13~~ | | | | | | |
| ~~2406~~ | | | | | | | | |
| 2673 | 400 | 9/11/58 | Box 37 | | | | | |

# OUT

| No. or Name | Taken By | Date Taken | No. or Name | Taken By | Date Taken | No. or Name | Taken By | Date Taken |
|---|---|---|---|---|---|---|---|---|
| ~~F. O'Connell~~ | ~~3914~~ | ~~9-25~~ | | | | | | |