DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2934

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 ASSISTANCE

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

One copy to USBM., to USGS. and to Region III.

Routing Slip

To:	Code 400, Room 3538	Date	3/20/53
To:	Open Com	Date	4-3-53
To:	Open Com	Date	7-10-53
To:	Code 400	Date	7-13-53
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CONTROLLED DOCUMENT

400

2934

AUG 2 7 1953

Mr. E. H. Sanders
1045 Sansome Street
San Francisco 11, California

Re: Docket No. DMEA 2934 - Chromite
CIRCLE (S) PROPERTIES
Peter claims
Shasta County, California

Dear Mr. Sanders:

This will acknowledge receipt of your letter of August 18, 1953, requesting the withdrawal of the above-docketed application for exploration assistance. The subject application, therefore, is being transferred to the inactive files and the docket closed.

I am sorry to hear that you do not think highly of the Defense Minerals Exploration Administration or its program. As stated under (1) of the Questions & Answers booklet, to which you referred, the Defense Minerals Exploration Administration's Program does not extend to prospecting. To be eligible for approval by the Government, each exploration project must have a definite target that has been indicated by prospecting. I believe Mr. Miller on May 7, 1953, discussed this matter with you in explaining our exploration program in regard to your other property, Noble Electric Company claims.

The information contained in the referenced docket, like that regarding your other application, Docket No. DMEA 2896, E. H. Sanders, Shotgun Creek mine, which was denied May 25, 1953, will be available in Washington for ready reference if your prospecting indicates a worthwhile target and you are again interested in applying for exploration assistance.

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

Sincerely yours,

C. O. Mittendorf

Administrator

FAHartledge:fcc 8-27-53
cc: Docket
Code 400
Adm. Reading File
FT. Reg. 3
Charles Catlin, USBM
Phillip Guild, USBM

402

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1 1953

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

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

July 21, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Washington, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2934 - Chromite
E. H. Sanders, (Circle (S) Properties)
Peter 1 - 7 Claims, Shasta County, California

Reference is made to your letter dated July 10, 1953, requesting information on the status of the subject application.

The matter was taken up with Mr. A. C. Johnson, and there is attached a copy of his reply dated July 16 to my memorandum to him dated July 15.

If Mr. Johnson receives a reply to his latest letter, a copy will be sent to you.

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

Copy to: E. H. Bailey, USGS

July 16, 1953.

Memorandum

To: Mr. H. C. Miller, Executive Officer, DMEA Field Team
Region III

From: Chief, Mining Division, Region III

Subject: Docket DMEA-293½ - Chromite
E. H. Sanders, (Circle (S) Properties)
Peter Claims, Shasta County, California

Reference is made to your memorandum of July 15, relative to status of examination on the above mentioned property.

On May 4 a letter was addressed to Mr. E. H. Sanders suggesting that Mr. Frank J. Wiebelt make an examination of the Peter Claims, in connection with this loan application, on May 12, 1953. Under date of May 5, Mr. Sanders advised that it would be impossible to make such an examination for at least a month due to winter weather conditions. He further stated that when conditions were right and the claims reasonably accessible he would notify me.

Since nothing further has been heard from Mr. Sanders, it is assumed that he is no longer interested in the loan. However, another letter is being addressed to Mr. Sanders this date asking if the property is accessible and if he still desires that such examination be made.

Copies of correspondence are enclosed.

A. C. Johnson

Encl.

CC: E. H. Bailey, USGS

Mrs. Gross, Ext. 2650, in Roll's office.

JUL 1 0 1953

Mr. A. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA 2934 - Chromite
E. W. Sanders
Circle (S) Properties
Peter Nos. 1 - 7 claims
Shasta County, California

Dear Mr. Miller:

Reference is made to our letter of April 6 referring the subject docket to your office for review and a field examination, if warranted.

We note from your May report that the examination was to be made when weather conditions permitted. The Mining Requirements Division of DMPA has asked about the status of this project because the same operator has submitted an access road application to that Division. It will be appreciated if you will advise us as to the status of the application.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

Copy to: Docket
FT, Reg. 3
Code 400
Adm. Read. File
Oper. Committee
N. B. Melcher, USBM
T. P. Thayer, USGS
Geo. H. Roll, DMPA, Room 2465, Interior

WSMartin/ls
July 9, 1953

400

400

APR 6 1953

Air Mail

Mr. H. L. Miller, Executive Officer
USAE Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. [illegible] 2934 - Uranite
L. S. Sanders
([illegible] (3) [illegible])
Water Claims
Shasta County, California

Dear Mr. Miller:

Reference is made to the subject application for exploration assistance which is being referred to your office for review and possibly a field examination if an examination is warranted.

Data available in Washington indicate that there is little probability of disclosing sizable ore reserves of uranite. However, a field examination may be warranted, especially if an examination is scheduled on the property covered by Docket No. 2936, L. S. Sanders, Noble Electric Company claims, Shasta County, California.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

cc: Docket
Field Team, Region 3
Operating Committee
Adm. Head. File
Code 400
~~[illegible]~~ N. H. Belcher, USGS
T. W. Thayer, USGS

Selfridge/hhb
3/31/53

400

APR 6 1953

Mr. [illegible] Sanders
1041 Hanson Street
San Francisco 11, California

Re: Docket No. [illegible] - Uranite
[illegible] Sanders
([illegible] (S) [illegible])
[illegible] Claims
Shasta County, California

Dear Mr. Sanders:

Your application for assistance in exploring uranium occurrences on the above claims, Shasta County, California, has been reviewed by the Iron and Ferromagnesia [illegible] and has been referred to Mr. H. V. Miller, Executive Officer, [illegible] Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for further consideration and possibly a field examination.

Should a field examination be required, any assistance that you can render the examining engineers will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

CC: Docket
Field Team, Region 3
[illegible]
Adm. Good. File
H. A. Belcher, [illegible]
[illegible], [illegible]

Southlodge/hrb
3/30/53

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1953

Not to be filled in by applicant

Docket No. dmea 2934
Metal or Mineral
Date Received 3-19-53
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: G. H. SANDERS, (Operating as: CIRCLE (S) PROSPECTING.
1046 Sansome Street,
San Francisco, (11) Calif.

(*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

(*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

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

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

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

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

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

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

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

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

16—66551-1

TRIPLICATE

CHROMITE

AND ASBESTOS

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

.....

(*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 ..... days and be completed within ..... months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

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

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

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated March 17th, 1953

S. H. SANDERS

S. H. SANDERS.

(Applicant)

By .....

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

SUPPLEMENTAL APPLICATION DETAIL TO FORM MF-103

E. H. SANDERS, APPLICANT

No.1 NAME OF APPLICANT:

(b) The property is located and recorded in my name, operating as Circle (S) Properties.

No.3 APPLICANT'S PROPERTY RIGHTS:

(a) The legal description of the seven claims to be covered in this exploration project is listed below:-

PETER NO.1 Beginning at the north-east corner of section 31, Township 37 north, Range 5 West - M.D.M., thence 1500 feet south, thence 600 feet west, thence 1500 feet north, thence 600 feet east to the point of beginning.

PETER NO.2 Beginning at a point 1200 feet south and 600 feet west of the north-east corner of Section 31, Township 37 North, Range 5 W, M.D.M.; thence 1500 feet west, thence 600 feet north, thence 1500 feet east along the south border of claim Peter #3, thence 600 feet south to the point of beginning.

PETER NO.3 Beginning at a point 600 feet west of the north-east corner of Section 31, Township 37 North, Range 5 West, M.D.M., thence 1500 feet west along the said section line, thence 600 feet south, thence 1500 feet east along the north boundary line of claim Peter #2, thence north 600 feet to the point of beginning.

PETER NO.4 Beginning at a point 1200 feet south and 2100 feet west of the north-east corner of section 31, Township 37 North, Range 5 West, M.D.M., thence 1500 feet west, thence 600 feet north, thence 1500 feet east along the south border of claim Peter #5, thence 600 feet south to the point of beginning.

PETER NO.5 Beginning at a point 2100 feet west of the north-east corner of Section 31, Township 37, Range 5 West, M.D.M., thence 1500 feet west along the section boundary, thence 600 feet south, thence 1500 feet east along the boundary line of claim Peter #4, thence 600 feet north to the point of beginning.

PETER NO.6 Beginning at a point 600 feet south and 3600 feet west of the north-east corner of Section 31, Township 37, Range 5 West, M.D.M., thence west 1500 feet, thence north 600 feet, thence east 1500 feet along the south boundary of claim Peter #7, thence south 600 feet along the north boundary of claim Peter #4, to the point of beginning.

PETER NO.7 Beginning at a point 3600 feet west of the north-east corner of Section 31, Township 37 North, Range 5 West, M.D.M., thence west 1500 feet along said section line, thence 600 feet south, thence 1500 feet east, thence 600 feet north to the point of beginning.

Supplementing the above descriptions I am attaching a map showing the locations. Also on this description plat are shown two groups of my claims adjoining the property covered in this project that will be directly benefitted (marked reference #3 ~~X~~A.)

(b) The property covered is known by name and recorded as "Peter" #1 to #7 inclusive.

(c) I am owner by mineral location right.

(f) These are unpatented claims. They are recorded in Recorder's office, Shasta County, California, as follows:-

	Book	Page	Date
Peter No.1	253	403	8-8-1952
" " 2	253	402	8-8-1952
" " 3	253	356	11-9-1951
" " 4	253	400	8-8-1952
" " 5	253	355	11-9-1951
" " 6	now being recorded		
" " 7	253	354	11-9-1951

Amended locations with detailed descriptions were filed with Shasta County recorder's office March 2nd, 1953, to clarify descriptions and boundaries.

NO.4 PHYSICAL DESCRIPTION:

(a) This group of claims have not been worked by me, but in about 1917 someone unknown to me made a cut about seventy-five feet long on claim Peter #5 and took out about 70 ton of Chrome ore, which is still on the dump. (Assay runs about 41% chrome.) Other work has been confined to discovery work required on claims in group. Assays of float and chrome exposed run from 31% to 41% chrome oxide. These claims are located at an altitude of about 5000 feet, and are accessible from May to October by jeep transportation over an old logging road to within about half a mile of the dump on claim Peter No.5.

(b) As stated above, about 70 ton of Chrome has been mined and is on the dump at present. There is no current production. The ore reserves are undetermined, and can only be determined by opening up the abandoned cut made in 1917 from which the ore on dump was taken. This cut is caved in at present.

(c) The attached photostat (Reference #4(c)) shows the geologic features of the property, with photo of cut and dump on claim Peter #5.

I want to explore this property by use of a bulldozer to open up the old cut, and then strip off portions of the other claims that have good outcroppings. I am attaching assay reports of chrome samples on the dump, and of float taken from all claims in the group. (Marked Reference #4-C.)

(d) The property is at present only accessible by Jeep transportation, which I can provide. Horses are not available. The claims are west of highway 99 about three mountain miles partly over a good forest service road then over an old logging road about a mile, then a walk of about a half mile to claim Peter #5, where the dump described is located.

The distance to nearest railroad siding for shipping is about four miles, all down hill. Distance by truck to Grants Pass, Oregon, stockpile by truck would be about one hundred and thirty five miles. My headquarters at Delta would be about three miles by highway 99, then four miles mountain road to claims.

(e) Manpower is available for rough work at about $1.50 per hour, materials, supplies and equipment easily available at my headquarters at Delta near the project. A good spring for water supply is on the property. A small work camp would have to be established at this point.

NO.5 THE EXPLORATION PROJECT:

(b) I propose to open up the cut on claim Peter #5 and expose the vein or chrome body from which the dump was taken by someone in about 1917-18, which is all caved in at present. My plan would be to use a bulldozer and strip off the prospected areas, starting at claim Peter #1, and work up the hill through the group to locate any commercial ore bearing beds in addition to clearing off and opening up the abandoned claim on which the dump of good chrome ore is located. (See photostat of dump, and area to be worked.)

(d) My personal background of operating experience, reflecting my ability to carry out the exploration project is varied. I sort of grew up in the mining business with my father, who successfully operated groups of mines in Shasta County in the Dog Creek mining district from 1890 to 1915. I came to San Francisco from Shasta County, California, in 1909 for schooling, and was employed by Shell Oil Company from 1914 to 1934 (20 years) in executive capacity. For over ten years I was in charge of their sales and operating departments for Northern California, Southern Oregon, Nevada and Utah, later becoming Sales Promotion Manager for all the Pacific Coast states and British Columbia. In 1934 I entered in business for myself, distributing from San Francisco, Los Angeles and Seattle a wide line of advertising material supplies, and have been and still am financially successful in that effort. I have arranged my business affiliations so when and if necessary I can devote all of my time to the successful pursuit of this and another proposed project.

My proposed superintendent, H.J.Beachler, is a practical mining engineer, with wide experience in this country and the Latin American Countries, and is well qualified in chrome mining. He is well known to Mr.H.C.Miller and Mr.S.Ricker of your San Francisco office, and they can also vouch for his qualifications as an excellent mine operator.

NO.6 ESTIMATE OF COSTS:

I am listing below the approximate cost of work contemplated over a twelve month period of the project.

(a) INDEPENDENT CONTRACTS: All work to be hourly labor at about $1.50 per hour, except services of a bulldozer at $10.00 per hour, which equipment is available for rent with an operator at Redding, 35 miles distant.

(b) LABOR SUPERVISION; CONSULTANTS: For supervision I will have a foreman at $350.00 per month with supplemental laborers at about $1.50 per hour. For engineering and geological consultation I have arranged on a fee basis with an organization in Redding (35 miles distant from project headquarters) for services of one of their best field men, who is a recognized mining engineer and familiar with the area of operation.

1.	Supervision	3,000.00	
2.	Foreman	2,100.00	
3.	Labor (4 men-400 hours, @ 12.00 day)	4,800.00	
4.	Consultants	500.00	$10,400.00

Above based on 6-month possible operating period over 12-month period of project.

(c) OPERATING MATERIALS & SUPPLIES: Listed below are contemplated items of equipment costing less than $50.00 a unit:

1.	Miscellaneous Tools	49.00	
2.	Rope	49.00	
3.	Cable	49.00	
4.	Rental Tarpaulins	49.00	
5.	" Tents	49.00	
6.	Miscellaneous Camp Equipment	49.00	
7.	Cots for men	49.00	
8.	Barbed wire for fencing for blasting	49.00	
9.	Printing blasting notices	49.00	
10.	Gasoline and oil for Compressor Unit	49.00	490.00

(d) OPERATING EQUIPMENT: Listed below is contemplated operating equipment to be purchased:

1.	Willy's Jeep	850.00	
2.	" " Trailer	300.00	
3.	Use of office and field headquarters at Delta for housing crew, and storage of operating equipment and supplies, @ 100.00 per month	1,200.00	
4.	Rental air compressor and drills- 5 months @ 200.00 per month	1,000.00	
5.	Wheelbarrows, drills, and miscellaneous mining tools	500.00	
6.	Rental or purchase tarpaulins and tents, stove and equipment taking care of miner's camp at location (No permanent buildings necessary)	500.00	
7.	Blasting powder	350.00	4,700.00

(e) REHABILITATION & REPAIRS:
(Contemplated repairs - 1953-1954)

Repairs field headquarters supplied by applicant	300.00

(f) NEW BUILDINGS, IMPROVEMENTS, INSTALLATIONS:

No permanent buildings will be required at the mine except a tool and powder house costing about $160.00, as weather protection facilities will be taken care of by using field tents and tarpaulins. The field operation headquarters, however, I will provide at Delta on a nominal rental basis. Photographs of these facilities are attached in photostat form, with description thereon, and identified as Reference 6-F (Estimated rental covered in No.6-D, Item No.3.)

(g) MISCELLANEOUS:

Listed below are estimated going cost of repairs to operating equipment and contemplated administration costs:

1(a)	Maintenance Jeep	500.00	
(b)	" air compressor and drills	150.00	
2.	Analytical work, and assays	250.00	
3.	Accounting (Fee basis)	300.00	
4.	San Francisco office, rental, telephone, stenographic work, postage, stationery, and miscellaneous	500.00	
5.	Interest, Taxes, and other direct costs	300.00	
6.	Legal Fees	500.00	2,500.00

(h) CONTINGENCIES:

(Estimated for 5 months actual working period)	500.00

SUMMARY OF COSTS
(#5 EXPLORATION PROJECT)

(a)	Bulldozer contract (30 days @ 80.00 per day)	2,400.00	
(b)	Supervision and corporate management, labor, consultants	10,400.00	
(c)	Operating materials (less than 50.00)	490.00	
(d)	Operating equipment	4,700.00	
(e)	Rehabilitation and Repairs	300.00	
(f)	Powder and tool house at mine	160.00	
(g)	Miscellaneous	2,500.00	
(h)	Contingencies (Road and trail work included)	500.00	
	TOTAL - - - - - - -		21,450.00

NO.7 (a) Are you prepared to furnish your share of the cost...(etc.)
Answer is Yes.

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

No.1 In money and in use of field operating headquarters adjacent to project.

No.2 I personally have ample funds in cash and collateral to finance the project.

FORM A-8

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

June 28, 1951

DEPOSITED BY E. H. Sanders
1045 Sansome Street
San Francisco, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @	
31391					$	Chromic Oxide 43.71 % Iron 12.28 Chrome-Iron Ratio 2.43 to 1 Silica 7.13 %

ABBOT A. HANKS, INC.
Original signed by
P. E. [illegible]

Reference 4 e

bob

dmca 2934

FORM A-8

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

October 15, 1952

DEPOSITED BY E. H. Sanders
1045 Sansome Street
San Francisco, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @	
					$	
48475						Chromic Oxide 32.73 %

ABBOT A. HANKS, INC.
MARTIN P. QUIST

bob Reference 4 @

dmea 2934

FORM A-8

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO

September 5, 1952

DEPOSITED BY E. H. Sanders
Circle (S) Properties
1045 Sansome Street
San Francisco, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @	
46009	El Fandall Top Dump				$	Chromic Oxide 35.56 % Silica 10.86 Iron 13.52 CHROME-IRON RATIO 1.80 tol

ABBOT A. HANKS, INC.
Original Signed by
MARTIN P. QUIST

bob Reference 4 C

dmea 2934

FORM A-8

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

September 5, 1952

DEPOSITED BY E. H. Sanders
Circle (S) Properties
1045 Sansome Street
San Francisco, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @	
46005	Dump at Grand Dad No. 1				$	Chromic Oxide 40.57 % Silica 7.65 Iron 9.49 CHROME-IRON RATIO 2.93 to 1

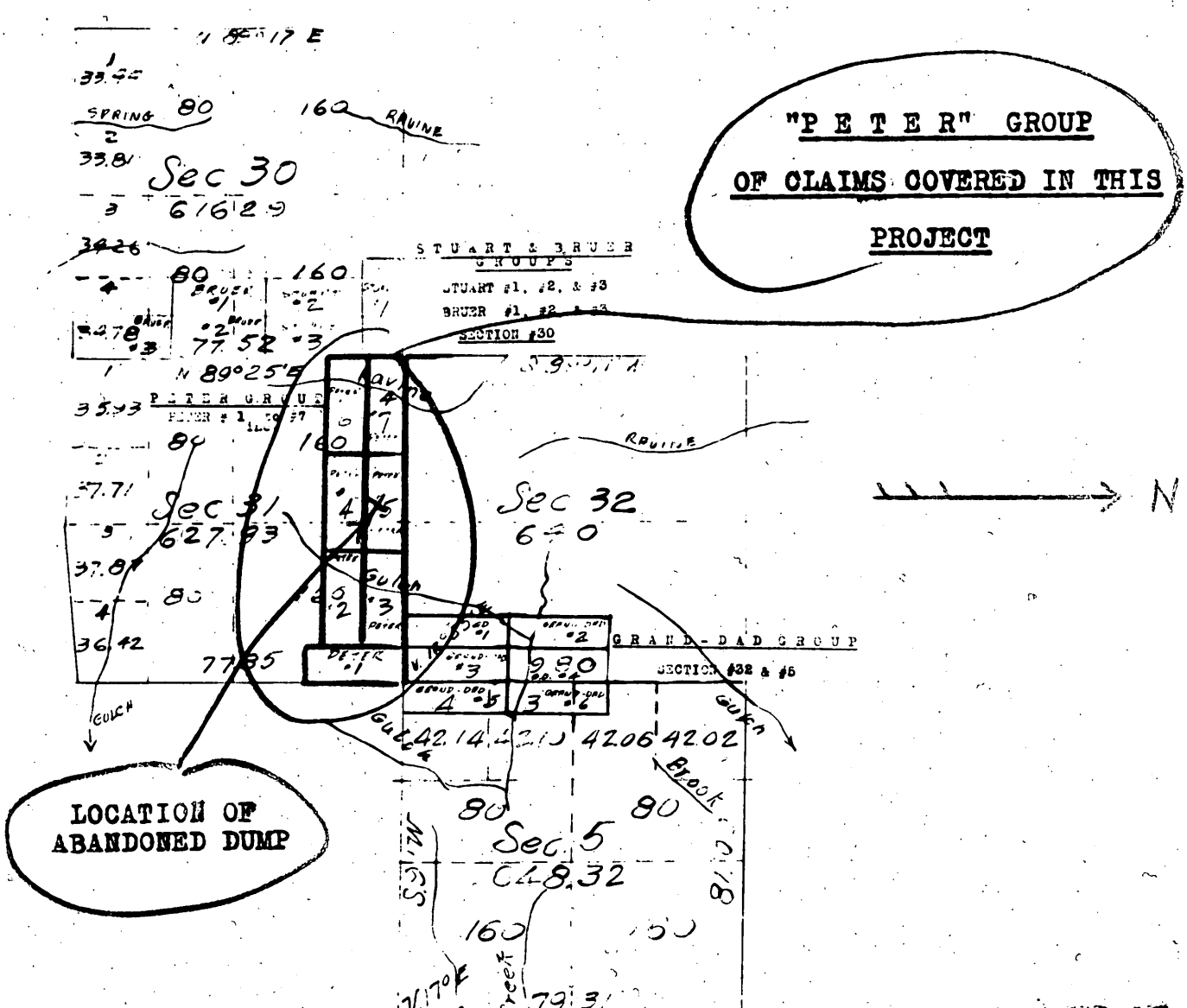
ABBOT A. HANKS, INC.
Original Signed by
MARTIN P. QUIST

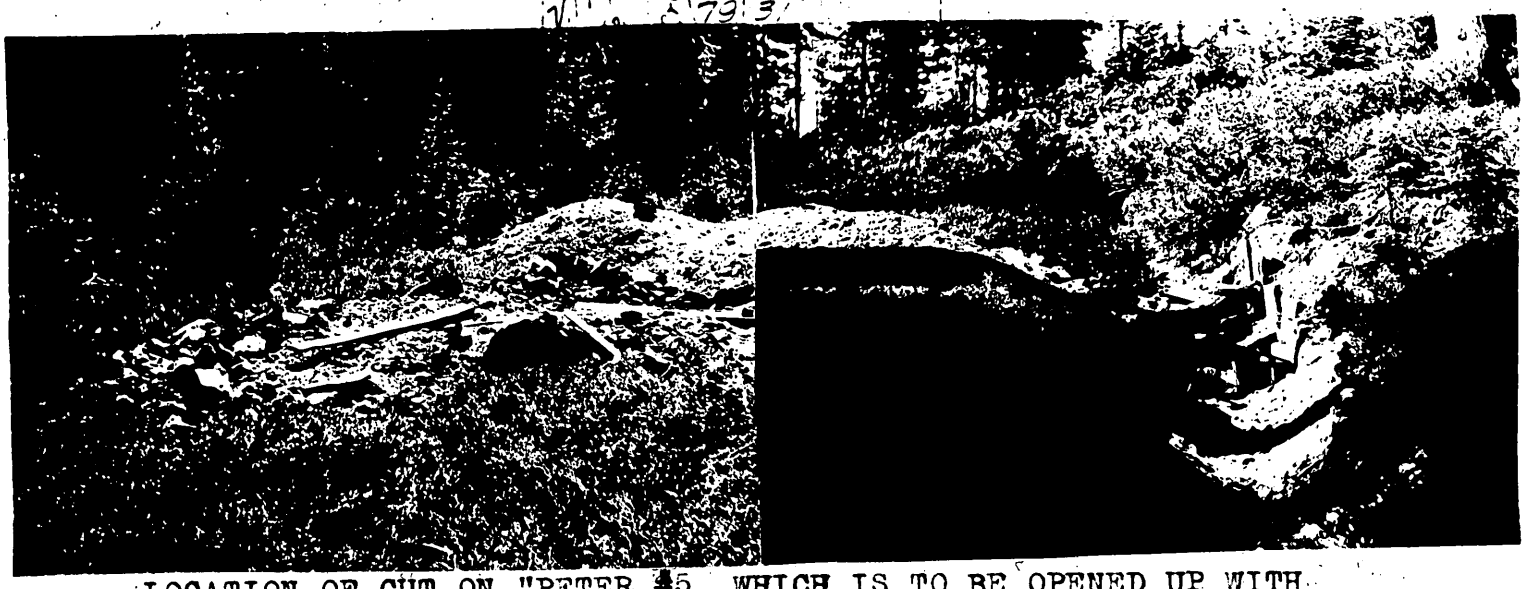
bob Reference 4 C

Amer 2934

CIRCLE S PROPERTIES

DELTA, SHASTA COUNTY, CALIFORNIA





LOCATION OF CUT ON "PETER #5, WHICH IS TO BE OPENED UP WITH BULLDOZER. OTHER CLAIMS ADJACENT TO BE STRIPPED AT SAME TIME.

PART OF DUMP OF CHROME MINED IN 1917-8 AND ABANDONED.

REFERANCE NO. 3a---4c.

dmcc 2934

FILE COPY
SURNAME:

400

Rutledge
Chapman

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

AUG 2 7 1953

Mr. E. H. Sanders
1045 Sansome Street
San Francisco 11, California

Re: Docket No. DMEA 2934 - Chromite
CIRCLE (S) PROPERTIES
Peter claims
Shasta County, California

Dear Mr. Sanders:

This will acknowledge receipt of your letter of August 18, 1953, requesting the withdrawal of the above-docketed application for exploration assistance. The subject application, therefore, is being transferred to the inactive files and the docket closed.

I am sorry to hear that you do not think highly of the Defense Minerals Exploration Administration or its program. As stated under (1) of the Questions & Answers booklet, to which you referred, the Defense Minerals Exploration Administration's Program does not extend to prospecting. To be eligible for approval by the Government, each exploration project must have a definite target that has been indicated by prospecting. I believe Mr. Miller on May 7, 1953, discussed this matter with you in explaining our exploration program in regard to your other property, Noble Electric Company claims.

The information contained in the referenced docket, like that regarding your other application, Docket No. DMEA 2896, E. H. Sanders, Shotgun Creek mine, which was denied May 25, 1953, will be available in Washington for ready reference if your prospecting indicates a worthwhile target and you are again interested in applying for exploration assistance.

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

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge:foc 8-27-53
cc: Docket
Code 400
Adm. Reading File
FT. Reg. 3
Charles Catlin, USBM
Phillip Guild, USBM

HHR 8-27-53

E. H. SANDERS
1045 SANSOME STREET
SAN FRANCISCO

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 24 1953

August 18, 1953

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

Attention Mr.C.O.Mithendorf, Administrator.

Re: Docket No.DMEA 2934 -Chromite
E.H.Sanders
(CIRCLE (S) PROPERTIES)
Peter Claims
Shasta County, California.

Dear Mr.Mithendorf:

Please refer to the above reference, and particularly to your letter of April 6th regarding my application for defense mineral exploration.

It is my desire to withdraw my application on this docket entirely, as I am now fully convinced that your Department is not in sympathy with assistance to chrome operators in this area. I say this because your Mr.H.C.Miller tells me that not one single chrome assistance project has been granted in Region III, so it seems useless for us to proceed further, as you sent through your Reno office one of your field men for an examination of another piece of property on another project I had applied for, and he simply wasted my time and his own and ended up by telling me that I ought to do the job myself and that the DMEA ought to be abolished.

You folks in Washington ought to read your little booklet entitled "The Defense Minerals Exploration Program" thoroughly yourselves, and order all of the supply at different points confiscated, as the successful chrome miners that I know up in Southern Oregon simply get a big laugh out of it, because they too have tried to work with you, and they simply think the whole deal is a joke, and I certainly agree with them.

I am sending a copy of this letter to Mr.H.C.Miller, who is a commendable gentleman, and also a copy to Mr.A.C.Johnson of your Reno office, so that this communication will answer his letter of July 16th.

Sincerely,

E. H. Sanders

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8/26/53

REFERRED TO:

1. Code 400
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: Please send memo. advising acceptance of this withdrawal.

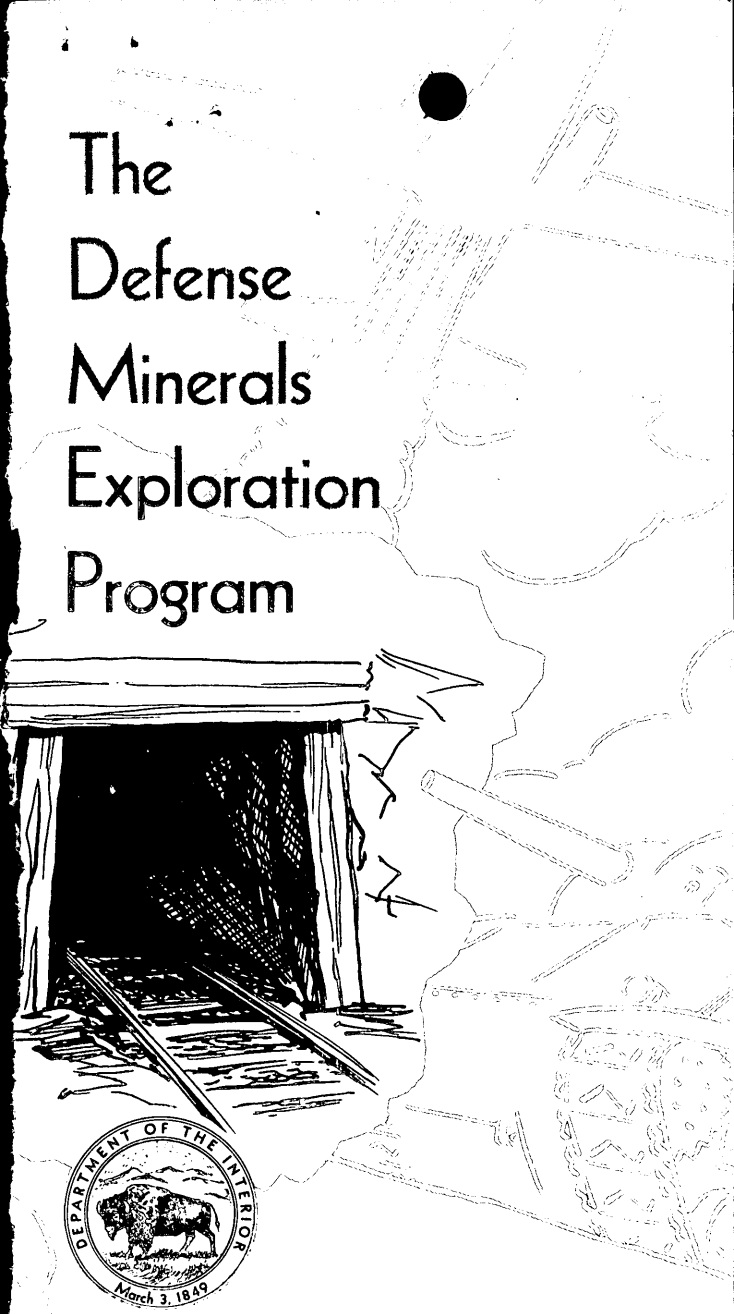
Check (X) before the items needing attention.

ROBERT E. ADAMS

Initials of sender.

GPO 16—63815-1

The Defense Minerals Exploration Program



U. S. DEPARTMENT OF THE INTERIOR

Defense Minerals Exploration Administration

PURPOSE

The discovery and development of additional deposits of strategic and critical metals and minerals in the United States and Territories is vital to our national security.

In order to encourage the discovery and development of these metals and minerals, the Defense Production Act of 1950, as amended, authorized the allocation of necessary funds and establishment of the minerals exploration assistance program now being carried on by the Defense Minerals Exploration Administration.

New reserves of ore vitally needed for the Nation's defense program and for essential civilian requirements must be found and developed. Consequently, it appears essential that financial aid by the Government is necessary to the encouragement of exploration and development by individuals and private companies.

This search for new sources of metals and minerals in the United States cannot be carried on by any particular part of the mining industry. Individuals and small concerns play an important part in carrying out this job. Altogether, the efforts of the small operators can result in a very substantial contribution to this effort to add to the supply of metal and mineral raw materials which the Nation needs.

Docket

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 27 1953

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

July 21, 1953

WSM

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Washington, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2934 - Chromite
E. H. Sanders, (Circle (S) Properties)
Peter 1 - 7 Claims, Shasta County, California

Reference is made to your letter dated July 10, 1953, requesting information on the status of the subject application.

The matter was taken up with Mr. A. C. Johnson, and there is attached a copy of his reply dated July 16 to my memorandum to him dated July 15.

If Mr. Johnson receives a reply to his latest letter, a copy will be sent to you.

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

Copy to: E. H. Bailey, USGS

Copy retained 400
M. S. Martin

DEPARTMENT OF THE INTERIOR
Defense Materials Administration
RECEIVED
JUL 27 1953

July 16, 1953.

Memorandum

To: Mr. H. C. Miller, Executive Officer, DMEA Field Team Region III

From: Chief, Mining Division, Region III

Subject: Docket DMEA-2934 - Chromite
E. H. Sanders, (Circle (S) Properties)
Peter Claims, Shasta County, California

Reference is made to your memorandum of July 15, relative to status of examination on the above mentioned property.

On May 4 a letter was addressed to Mr. E. H. Sanders suggesting that Mr. Frank J. Wiebelt make an examination of the Peter Claims, in connection with this loan application, on May 12, 1953. Under date of May 5, Mr. Sanders advised that it would be impossible to make such an examination for at least a month due to winter weather conditions. He further stated that when conditions were right and the claims reasonably accessible he would notify me.

Since nothing further has been heard from Mr. Sanders, it is assumed that he is no longer interested in the loan. However, another letter is being addressed to Mr. Sanders this date asking if the property is accessible and if he still desires that such examination be made.

Copies of correspondence are enclosed.

A. C. Johnson

Encl.

CC: E. H. Bailey, USGS

FILE COPY
SURNAME:

Martin
Selfridge
Kirkland

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

JUL 10 1953

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA 2934 - Chromite
E. H. Sanders
Circle (S) Properties
Peter Nos. 1 - 7 claims
Shasta County, California

Dear Mr. Miller:

Reference is made to our letter of April 6 referring the subject docket to your office for review and a field examination, if warranted.

We note from your May report that the examination was to be made when weather conditions permitted. The Mining Requirements Division of DMPA has asked about the status of this project because the same operator has submitted an access road application to that Division. It will be appreciated if you will advise us as to the status of the application.

Sincerely yours,

George C. Selfridge (3465)
Chairman, Operating Committee

APPROVED:

J. H. Hedges
Member, Bureau of Mines (3465)

A. R. Kinkel, Jr.
Member, Geological Survey (3465)

Copy to: Docket
FT, Reg. 3
Code 400
Adm. Read. File
Oper. Committee
N. B. Melcher, USBM
T. P. Thayer, USGS
Geo. H. Roll, DMPA, Room 2465, Interior

WSMartin/ls
July 9, 1953

~~[illegible]~~ In Roll's off

Ext 2650 Mrs. Gross

Circle-S Properties

area 2934

Has access road application.

7/9/53.

400

FILE COPY
SURNAME:

Rutledge
Manning
Thayer
Melcher
Russell
Hedges
Johnson

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

APR 6 1953

Mr. E. H. Sanders
1045 Sansome Street
San Francisco 11, California

Re: Docket No. DMEA 2934 - Chromite
E. H. Sanders
(CIRCLE (S) PROPERTIES)
Peter Claims
Shasta County, California

Dear Mr. Sanders:

Your application for assistance in exploring chromite occurrences on the Peter claims, Shasta County, California, has been reviewed by the Iron and Ferro-Alloys Division, DMEA, and has been referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for further consideration and possibly a field examination.

Should a field examination be required, any assistance that you can render the examining engineers will be appreciated.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

CC: Docket
Field Team, Region 3
Code 400
Admn. Read. File
N. B. Melcher, USBM
T. P. Thayer, USGS

FARutledge/hhb
3/30/53

4/6/53

400

FILE COPY
SURNAME:

Rutledge
Martin
Layer
Kellen
K. Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

APR 6 1953

Air Mail

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA 2934 - Chromite
E. H. Sanders
(CIRCLE (S) PROPERTIES)
Peter Claims
Shasta County, California

Dear Mr. Miller:

Reference is made to the subject application for exploration assistance which is being referred to your office for review and possibly a field examination if an examination is warranted.

Data available in Washington indicate that there is little probability of disclosing minable ore reserves of chromite. However, a field examination may be warranted, especially if an examination is scheduled on the property covered by Docket No. 2896, E. H. Sanders, Noble Electric Company claims, Shasta County, California.

Sincerely yours,

George T. Selfridge

Chairman, Operating Committee (HB) 4/6/53

Approved:

J. E. Hedges (HB)

Member, Bureau of Mines

A. R. Kinkel, Jr. (HB)

Member, Geological Survey

cc: Docket
Field Team, Region 3
Operating Committee
Admn. Read. File
Code 400
~~H. W. Davis, USBM~~ N. B. Melcher, USBM
T. P. Thayer, USGS

FARutledge/hhb
3/31/53

Docket

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

April 3, 1953

Memorandum

To: W. S. Martin, DMEA

From: Charles Katlin, Bureau of Mines

Subject: DMEA 2934 - CHROMITE
E. H. Sanders (Circle S Properties
Peter Group
Shasta County, California

I suggest the docket be referred to the field for review and comment.

Charles Katlin

Charles Katlin
Ferrous Metals & Alloys Branch

Attachment 1

March 20, 1953

Mr. E. H. Sanders
1045 Sansome Street
San Francisco 11, California

Subject: DMEA-2934
Re: Exploration Assistance
Circle (S) Properties

My dear Mr. Sanders:

The receipt of your application dated March 17, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2934 and referred to the Iron and Ferro-Alloys Division.

Kindly refer to DMEA-2934 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Operations Control
and Statistics Division

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1953

Not to be filled in by applicant

Docket No. DMEA 2934
Metal or Mineral
Date Received 3-19-53
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: E. H. SANDERS, (Operating as: CIRCLE (S) PROPERTIES.
1045 Sansome Street,
San Francisco, (11) Calif.

(*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

(*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

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

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

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

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

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

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

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

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

5. *The exploration project.*—(*a*) [redacted] the mineral or minerals for which you wis[redacted] explore CHROMITE AND ASBESTOS

(*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 15 days and be completed within 12 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

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

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

[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 March 17th, 1953

E. H. Sanders
(Applicant)
E. H. SANDERS.

By

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

SUPPLEMENTAL APPLICATION DETAIL TO FORM MF-103

E. H. SANDERS, APPLICANT

No.1 NAME OF APPLICANT:

(b) The property is located and recorded in my name, operating as Circle (S) Properties.

No.3 APPLICANT'S PROPERTY RIGHTS:

(a) The legal description of the seven claims to be covered in this exploration project is listed below:-

PETER NO.1 Beginning at the north-east corner of section 31, Township 37 north, Range 5 West - M.D.M., thence 1500 feet south, thence 600 feet west, thence 1500 feet north, thence 600 feet east to the point of beginning.

PETER NO.2 Beginning at a point 1200 feet south and 600 feet west of the north-east corner of Section 31, Township 37 North, Range 5 W, M.D.M.; thence 1500 feet west, thence 600 feet north, thence 1500 feet east along the south border of claim Peter #3, thence 600 feet south to the point of beginning.

PETER NO.3 Beginning at a point 600 feet west of the north-east corner of Section 31, Township 37 North, Range 5 West, M.D.M., thence 1500 feet west along the said section line, thence 600 feet south, thence 1500 feet east along the north boundary line of claim Peter #2, thence north 600 feet to the point of beginning.

PETER NO.4 Beginning at a point 1200 feet south and 2100 feet west of the north-east corner of section 31, Township 37 North, Range 5 West, M.D.M., thence 1500 feet west, thence 600 feet north, thence 1500 feet east along the south border of claim Peter #5, thence 600 feet south to the point of beginning.

PETER NO.5 Beginning at a point 2100 feet west of the north-east corner of Section 31, Township 37, Range 5 West, M.D.M., thence 1500 feet west along the section boundary, thence 600 feet south, thence 1500 feet east along the boundary line of claim Peter #4, thence 600 feet north to the point of beginning.

PETER NO.6 Beginning at a point 600 feet south and 3600 feet west of the north-east corner of Section 31, Township 37, Range 5 West, M.D.M., thence west 1500 feet, thence north 600 feet, thence east 1500 feet along the south boundary of claim Peter #7, thence south 600 feet along the north boundary of claim Peter #4, to the point of beginning.

PETER NO.7 Beginning at a point 3600 feet west of the north-east corner of Section 31, Township 37 North, Range 5 West, M.D.M., thence west 1500 feet along said section line, thence 600 feet south, thence 1500 feet east, thence 600 feet north to the point of beginning.

Supplementing the above descriptions I am attaching a map showing the locations. Also on this description plat are shown two groups of my claims adjoining the property covered in this project that will be directly benefitted (marked reference #3 A.)

(b) The property covered is known by name and recorded as "Peter" #1 to #7 inclusive.

(c) I am owner by mineral location right.

(f) These are unpatented claims. They are recorded in Recorder's office, Shasta County, California, as follows:-

	Book	Page	Date
Peter No.1	253	403	8-8-1952
" " 2	253	402	8-8-1952
" " 3	253	356	11-9-1951
" " 4	253	400	8-8-1952
" " 5	253	355	11-9-1951
" " 6	now being recorded		
" " 7	253	354	11-9-1951

Amended locations with detailed descriptions were filed with Shasta County recorder's office March 2nd, 1953, to clarify descriptions and boundaries.

NO.4 PHYSICAL DESCRIPTION:

(a) This group of claims have not been worked by me, but in about 1917 someone unknown to me made a cut about seventy-five feet long on claim Peter #5 and took out about 70 ton of Chrome ore, which is still on the dump. (Assay runs about 41% chrome.) Other work has been confined to discovery work required on claims in group. Assays of float and chrome exposed run from 31% to 41% chrome oxide. These claims are located at an altitude of about 5000 feet, and are accessible from May to October by jeep transportation over an old logging road to within about half a mile of the dump on claim Peter No.5.

(b) As stated above, about 70 ton of Chrome has been mined and is on the dump at present. There is no current production. The ore reserves are undetermined, and can only be determined by opening up the abandoned cut made in 1917 from which the ore on dump was taken. This cut is caved in at present.

(c) The attached photostat (Reference #4(c)) shows the geologic features of the property, with photo of cut and dump on claim Peter #5.

I want to explore this property by use of a bulldozer to open up the old cut, and then strip off portions of the other claims that have good outcroppings. I am attaching assay reports of chrome samples on the dump, and of float taken from all claims in the group. (Marked Reference #4-C.)

(d) The property is at present only accessible by Jeep transportation, which I can provide. Horses are not available. The claims are west of highway 99 about three mountain miles partly over a good forest service road then over an old logging road about a mile, then a walk of about a half mile to claim Peter #5, where the dump described is located.

The distance to nearest railroad siding for shipping is about four miles, all down hill. Distance by truck to Grants Pass, Oregon, stockpile by truck would be about one hundred and thirty five miles. My headquarters at Delta would be about three miles by highway 99, then four miles mountain road to claims.

(e) Manpower is available for rough work at about $1.50 per hour, materials, supplies and equipment easily available at my headquarters at Delta near the project. A good spring for water supply is on the property. A small work camp would have to be established at this point.

NO.5 THE EXPLORATION PROJECT:

(b) I propose to open up the cut on claim Peter #5 and expose the vein or chrome body from which the dump was taken by someone in about 1917-18, which is all caved in at present. My plan would be to use a bulldozer and strip off the prospected areas, starting at claim Peter #1, and work up the hill through the group to locate any commercial ore bearing beds in addition to clearing off and opening up the abandoned claim on which the dump of good chrome ore is located. (See photostat of dump, and area to be worked.)

(d) My personal background of operating experience, reflecting my ability to carry out the exploration project is varied. I sort of grew up in the mining business with my father, who successfully operated groups of mines in Shasta County in the Dog Creek mining district from 1890 to 1915. I came to San Francisco from Shasta County, California, in 1909 for schooling, and was employed by Shell Oil Company from 1914 to 1934 (20 years) in executive capacity. For over ten years I was in charge of their sales and operating departments for Northern California, Southern Oregon, Nevada and Utah, later becoming Sales Promotion Manager for all the Pacific Coast states and British Columbia. In 1934 I entered in business for myself, distributing from San Francisco, Los Angeles and Seattle a wide line of advertising material supplies, and have been and still am financially successful in that effort. I have arranged my business affiliations so when and if necessary I can devote all of my time to the successful pursuit of this and another proposed project.

My proposed superintendent, H.J.Beachler, is a practical mining engineer, with wide experience in this country and the Latin American Countries, and is well qualified in chrome mining. He is well known to Mr.H.C.Miller and Mr.S.Ricker of your San Francisco office, and they can also vouch for his qualifications as an excellent mine operator.

NO.6 ESTIMATE OF COSTS:

I am listing below the approximate cost of work contemplated over a twelve month period of the project.

(a) INDEPENDENT CONTRACTS: All work to be hourly labor at about $1.50 per hour, except services of a bulldozer at $10.00 per hour, which equipment is available for rent with an operator at Redding, 35 miles distant.

(b) LABOR SUPERVISION; CONSULTANTS: For supervision I will have a foreman at $350.00 per month with supplemental laborers at about $1.50 per hour. For engineering and geological consultation I have arranged on a fee basis with an organization in Redding (35 miles distant from project headquarters) for services of one of their best field men, who is a recognized mining engineer and familiar with the area of operation.

1.	Supervision	3,000.00	
2.	Foreman	2,100.00	
3.	Labor (4 men-400 hours, @ 12.00 day)	4,800.00	
4.	Consultants	500.00	$10,400.00

Above based on 6-month possible operating period over 12-month period of project.

(c) OPERATING MATERIALS & SUPPLIES: Listed below are contemplated items of equipment costing less than $50.00 a unit:

1.	Miscellaneous Tools	49.00	
2.	Rope	49.00	
3.	Cable	49.00	
4.	Rental Tarpaulins	49.00	
5.	" Tents	49.00	
6.	Miscellaneous Camp Equipment	49.00	
7.	Cots for men	49.00	
8.	Barbed wire for fencing for blasting	49.00	
9.	Printing blasting notices	49.00	
10.	Gasoline and oil for Compressor Unit	49.00	490.00

(d) OPERATING EQUIPMENT: Listed below is contemplated operating equipment to be purchased:

1.	Willy's Jeep	850.00	
2.	" " Trailer	300.00	
3.	Use of office and field headquarters at Delta for housing crew, and storage of operating equipment and supplies, @ 100.00 per month	1,200.00	
4.	Rental air compressor and drills- 5 months @ 200.00 per month	1,000.00	
5.	Wheelbarrows, drills, and miscellaneous mining tools	500.00	
6.	Rental or purchase tarpaulins and tents, stove and equipment taking care of miner's camp at location (No permanent buildings necessary)	500.00	
7.	Blasting powder	350.00	4,700.00

(e) REHABILITATION & REPAIRS:
(Contemplated repairs - 1953-1954)

Repairs field headquarters supplied by applicant 300.00

(f) NEW BUILDINGS, IMPROVEMENTS, INSTALLATIONS:

No permanent buildings will be required at the mine except a tool and powder house costing about $160.00, as weather protection facilities will be taken care of by using field tents and tarpaulins. The field operation headquarters, however, I will provide at Delta on a nominal rental basis. Photographs of these facilities are attached in photostat form, with description thereon, and identified as Reference 6-F (Estimated rental covered in No.6-D, Item No.3.)

(g) MISCELLANEOUS:

Listed below are estimated going cost of repairs to operating equipment and contemplated administration costs:

1(a)	Maintenance Jeep	500.00	
(b)	" air compressor and drills	150.00	
2.	Analytical work, and assays	250.00	
3.	Accounting (Fee basis)	300.00	
4.	San Francisco office, rental, telephone, stenographic work, postage, stationery, and miscellaneous	500.00	
5.	Interest, Taxes, and other direct costs	300.00	
6.	Legal Fees	500.00	2,500.00

(h) CONTINGENCIES:

(Estimated for 5 months actual working period) 500.00

SUMMARY OF COSTS
(#5 EXPLORATION PROJECT)

(a)	Bulldozer contract (30 days @ 80.00 per day)	2,400.00	
(b)	Supervision and corporate management, labor, consultants	10,400.00	
(c)	Operating materials (less than 50.00)	490.00	
(d)	Operating equipment	4,700.00	
(e)	Rehabilitation and Repairs	300.00	
(f)	Powder and tool house at mine	160.00	
(g)	Miscellaneous	2,500.00	
(h)	Contingencies (Road and trail work included)	500.00	
	TOTAL - - - - - - -		21,450.00

NO.7 (a) Are you prepared to furnish your share of the cost...(etc.)
Answer is Yes.

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

No.1 In money and in use of field operating headquarters adjacent to project.

No.2 I personally have ample funds in cash and collateral to finance the project.

Amea. 2934

FORM A-8

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

June 28, 1951

DEPOSITED BY E. H. Sanders
1045 Sansome Street
San Francisco, California

SAMPLE OF ORE

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @	
31391					$	Chromic Oxide 43.71 % Iron 12.28 Chrome-Iron Ratio 2.43 to 1 Silica 7.13 %

ABBOT A. HANKS, INC.
Original signed by
H. R. [illegible]

Reference 4 C

bob

FORM A-8

dmea 2934

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

October 15, 1952

DEPOSITED BY E. H. Sanders
1045 Sansome Street
San Francisco, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @	
					$	
48475						Chromic Oxide 32.73 %

ABBOT A. HANKS, INC.

...al Sig...
...ARTIN P. QUIST

bob Reference 4 e

FORM A-8

Amea 2934

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO,

September 5, 1952

DEPOSITED BY E. H. Sanders
Circle (S) Properties
1045 Sansome Street
San Francisco, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @	
46009	El Fandall Top Dump				$	Chromic Oxide 35.56 % Silica 10.86 Iron 13.52 CHROME-IRON RATIO 1.80 tol

ABBOT A. HANKS, INC.

Original Signed By
MARTIN P. QUISH

bob Reference 4 C

FORM A-8

dmea 2934

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

September 5, 1952

DEPOSITED BY E. H. Sanders
Circle (S) Properties
1045 Sansome Street
San Francisco, California

SAMPLE OF O R E

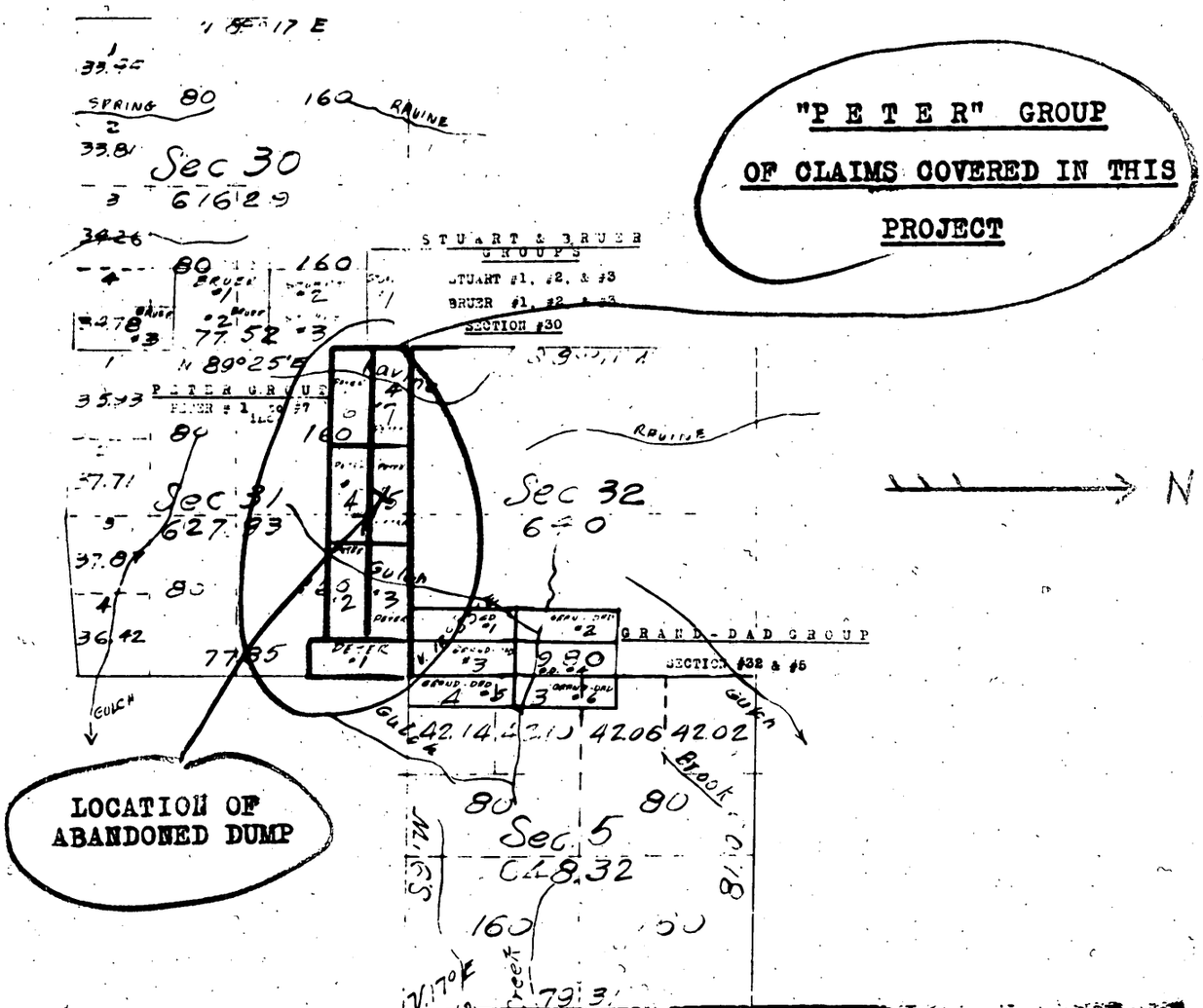
Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @	
46005	Dump at Grand Dad No. 1				$	Chromic Oxide 40.57 % Silica 7.65 Iron 9.49 CHROME-IRON RATIO 2.93 to 1

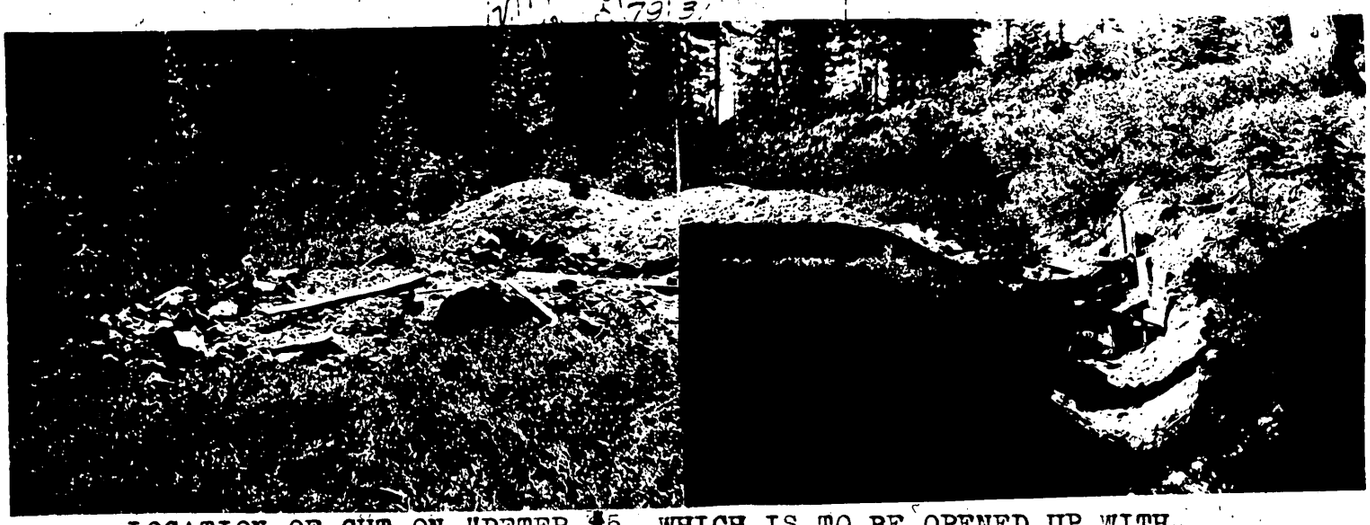
ABBOT A. HANKS, INC.

bob Reference 4 C

CIRCLE S PROPERTIES

DELTA, SHASTA COUNTY, CALIFORNIA





LOCATION OF CUT ON "PETER #5, WHICH IS TO BE OPENED UP WITH BULLDOZER. OTHER CLAIMS ADJACENT TO BE STRIPPED AT SAME TIME.

PART OF DUMP OF CHROME MINED IN 1917-8 AND ABANDONED.

REFERANCE NO. 3a---4c.

Exhibit 2934

E. H. SANDERS
1045 SANSOME ST.
SAN FRANCISCO-(11)
YUkon 6-0498

REFERANCE #4 d and #6 d ITEM #3. FIELD HEADQUARTERS

#1. FIELD HEADQUARTERS HOUSE WITH OFFICE SPACE AND TOOL ROOM IN BASEMENT.

#4. SHOWING LOCATIONS OF FIELD HEADQUARTERS AND HOUSE AVAILABLE FOR WORKMEN. THEY ARE COMPLETLY FURNISHED AND CAN BED TOWN SEVEN IN UPPER HOUSE AND EIGHT IN LOWER.

#2. SIDE VIEW OF ABOVE HOUSE. (#1)

#5. SIDE VIEW OF HOUSE FOR WORKMAN.

#3. REAR ENTRANCE OF HOUSE ABOVE. (#1 and #2)

#6. FACILITIES FOR GARAGING JEEP. (CANVAS COVER)

#7. PROPERTY AND FURNISHINGS INSURED FOR $12,500.00

Referance 6 F.

Smea 2934

E. H. SANDERS
1043 SANSOME ST.
SAN FRANCISCO-(11)
YUKON 6-0403