IMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4465

Application (~~Denied~~
(Withdrawn

(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
Contract with all exhibits and annexes
Owner's Consent to Lien
Subordination Agreement
Leases and assignments of leases
✓ Application and attachments
(3) Envelope for maps

Right Side

Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report (Tab)
Operator's Final Report
(2R) Interim Reports
(2R) Operator's monthly reports and all attachments (latest on top)
✓ On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order)
Interim Summary Reports by W. O. Engineers

Right Side

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

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

9775

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

RECEIVED
SEP 17 1956

September 11, 1956

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

Re: New application (Chromium)
John F. Burgess and
Percy J. Houser, Partnership
Blackbird 1, 2, and 3
Josephine County, Oregon

Dear Mr. Selfridge:

Enclosed are three copies of an application for DMEA assistance to explore for chromium ore in Josephine County, Oregon. The property is in the Briggs Creek area, mentioned in U. S. Geol. Survey Bull. 922-T, which contains some chromite. The application contains no proposed program or cost estimate.

We shall do nothing on this application until we hear from you.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosures

cc: USBM (2)
Geologist

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
SEP 17 1956

RECEIVED
SEP 6 1956

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. 4465.
Metal or Mineral Chromium
Date Received 9-17-56
Estimated Cost Not given
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: John F. Burgess Fairview Rte., Coquille, Ore.
Percy J. ~~W~~ Houser 405 S.W. Burgess St., Grants Pass, Ore.
Partnership

(*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 Sec. 34- T. 36- S. Range 9W

(*b*) State any mine name by which the property is known. Blackbird 1,2,&3

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

(*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 $500 owed Pete Nebbert Grants Pass, Ore., to be paid out at 15% of gross sales of minerals.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Book 51- P.306 & 307, Blackbird No.1. Book 51-P. 374 & 375 Blackbird No. 2. Book 51- P.376 & 377 Blackbird No. 3.

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. Can drive to mine. 32 miles to stockpile at Grants Pass.

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

16—66551-1

Should have no trouble about help, materials, supplies, equipment, and water. Can use gas or desiel for power. Plenty of timber for fueland anyother use.

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

(*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 60 days and be completed within 24 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. 7 yrs. mining & grading

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.). none

(*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. none

(*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 [x] 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 Sept 5, 1956

John F. Burgess
(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

There has been an estimated $10,000. worth of work done on this property, such as road building, tunnel work, and exploration.

There has been approxamitly $8,000. worth of ore been shipped but this has been surface ore, and we have to go underground to find the main ore body. Some ore tested 52%. None lower than 37%.

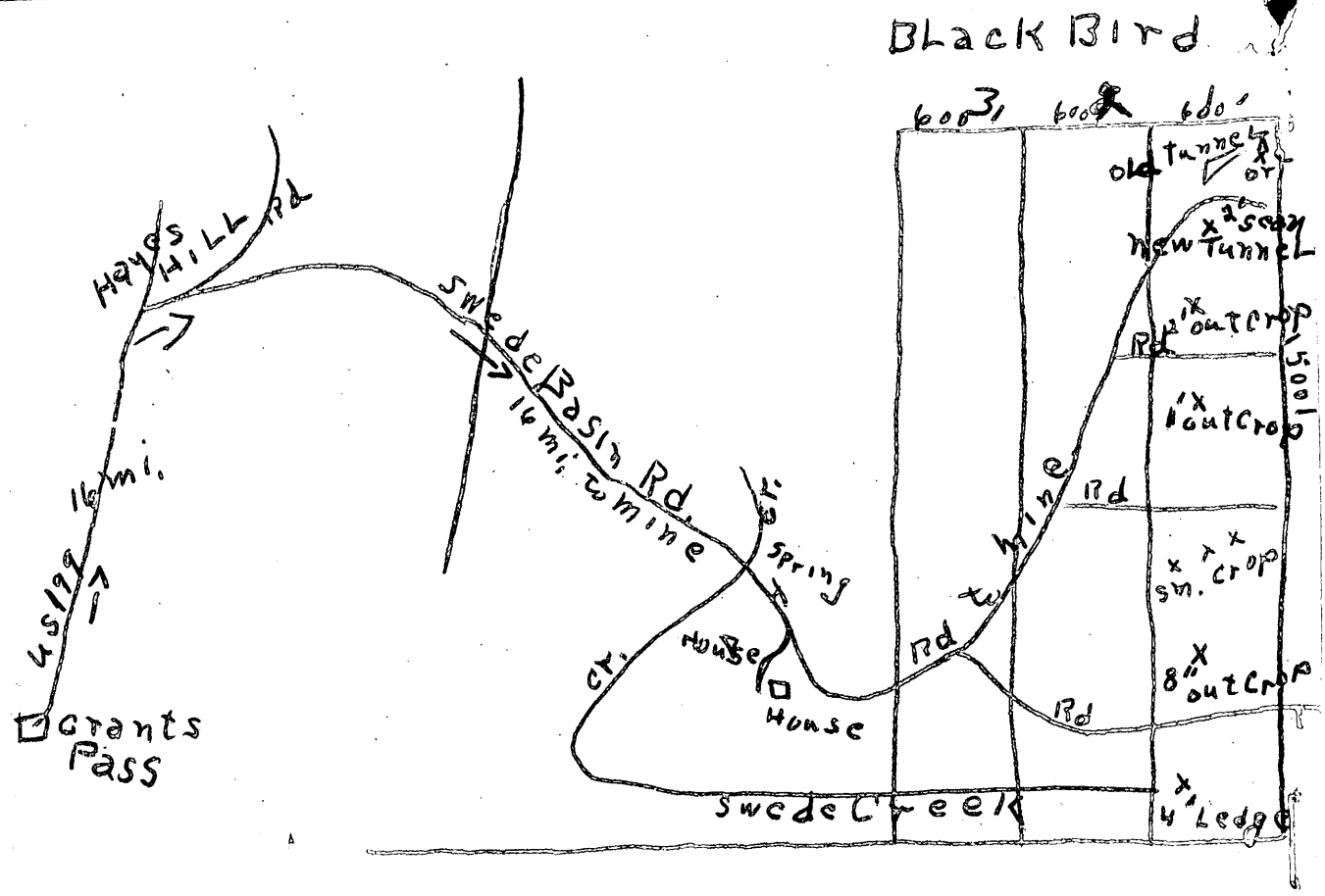
RECEIVED
SEP 17 1956

We plan on hiring an experienced hard rock man and possibly one otherman.

Will not need to buy any equipment as we have a compressor and jackhammer. We can lease a cat for this winter to keep the ~~to~~ road open.

My estimate of the work will cost about ~~$~~ $30.00 a foot for all expenses.

I will have some cash on hand. We ~~to~~ have the above mentioned equipment to do the drilling with. We will probably have some ore that can be milled and sent to the stock pile to help on the expenses.



Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
12-16	Chapman	400
12-11	Martin	400
12/16	[illegible]	130
12/16	[illegible]	130
12/16	[illegible]	130
12/12	[illegible]	110
"	Mittendorf	100
12/18	[illegible]	220
		225

Mr. Percy J. Houser
405 S. W. Burgess St.
Grants Pass, Oregon
&
Mr. John F. Burgess
Fairview Route
Coquille, Oregon

DEC 18 1957

Re: Docket No. DMEA 4465 - Chromium
Blackbird 1, 2 and 3 claims
Josephine County, Oregon

Dear Mr. Burgess:

Your application for exploration assistance and other data available to us in Washington concerning the referenced property have been reviewed.

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

Careful study of all our information, although noting the occurrence of chromium mineralization on your property, indicates to us that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. Under these circumstances we regret to advise you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Administration program and for bringing this property to our attention.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

TLCHAPMAN/dlm 12-11-57
cc to: Code 400
Admr. R. File
Oper. Comm
FT. REG. I
Messrs. Wilmer McInnis, USBM
T. H. Kiilsgaard, USGS

Note: Identical letter sent to Mr. Percy J. Houser, 405 S. W. Burgess St., Grants Pass, Ore.

8623

DMEA Form 7
(12-56)

December 11, 1957

OFFICIAL FILE COPY

Date	Surname	Code
12-11	Rafman	400
12-11	Martin	400
		110
		100

MEMORANDUM

To: Administrator, DMEA

From: Division of Iron and Ferro-Alloys, DMEA

Subject: A denial of the subject application for exploration assistance in an indefinite amount.
Docket No. DMEA 4465 - Chromium
John F. Burgess and Percy J. Houser
Blackbird 1, 2 and 3 claims
Josephine County, Oregon

A denial of the subject application is recommended by this Division based on the following information:

The above-noted property was the subject of a request on September 5, 1956, for exploration assistance. In April 1957, Mr. Burgess withdrew his application due to a possibility of leasing the property. On July 9, 1957, the Applicant requested reopening of the application, which, on July 19,1957, was again referred to the Field Team. No definite program was set up in the application. The property was examined on October 17, 1957, by H. F. Albee, Geological Survey, and G. G. Waddell, Bureau of Mines, accompanied by Messrs. Burgess and Hauser.

Applicant: Mr. John F. Burgess
Fairview Route
Coquille, Oregon

Property Ownership: The property consists of 3 unpatented lode mining claims owned by the Applicant which are recorded as follows:

Claim Name	Book No.	Page No.
Blackbird No. 1	51-P	306-307
Blackbird No. 2	51-P	374-375
Blackbird No. 3	51-P	376-377

The claims are located in section 34, T. 36 S., R. 9 W., and section 3, T. 37 S., R. 9 W., W. M. Josephine County, Oregon.

Geology: A sill-like mass of peridotite has been intruded into a group of hornblende schists and gneisses and thin-bedded

quartzites. The peridotite with the included ore was fractured by shearing and was then serpentinized. At least 95 percent of the peridotite is saxonite; the remainder is dunite, which occurs as small scattered clots. The chromite is found only in the dunite.

The chromite occurs in small narrow bands and stringers that are exposed discontinuously in pits and cuts along a narrow zone. In some places the chromite occurs in small pods which are of a higher grade.

Development:

The workings on the property consists of several bulldozer cuts, several small pits, one adit about 50 feet long and one adit about ten feet long.

Ore values
and Tonnage:

Four outcrop samples and one grab were taken by the Field Team with the following results:

Sample No.	Thickness inches	Assay (percent) Fe	Cr_2O_3
GGW-3B	1-3	11.0	33.2
GGW-4B	Grab	10.45	27.8
GGW-5B	12	9.6	19.6
GGW-6B	3	10.25	22.3
GGW-7B	2	11.35	26.6

Three samples presented by the Applicant gave the following results.

Sample No.	Type	Location	Assay (percent) Fe	Cr_2O_3
RG-289	Grab	Stockpile of ore from short adit	9.96	37.06
RG-328	Cut	Small seam in back of short adit	10.40	38.66
RG-302	Grab	Stockpile of ore from"new tunnel"	11.08	37.50

No ore reserve estimated for tonnage of any classification can be made for the property.

Production:

In the application the Applicant advised that about $8,000.00 worth of ore had been shipped from the property, but no specific data on tonnage and values were available.

Exploration:

No details of the amount and type of work proposed or estimated costs were provided by the Applicant. The Field Team advises that the first idea of the Applicant was to sink a winze from end of adit and drift 200 feet. A later idea was to do all the work on the surface with bulldozer cuts.

Comments and Conclusions:

1. Chromite is found in bands and stringers with no predictable pattern, and giving no indications that they would make ore.

2. The chromite zone examined was too narrow even to hand pick.

3. Other deposits in the area show small scattered lenses of high grade ore.

4. With the relatively small amount of mineralization it is unlikely that a deposit of any size might be discovered.

5. Both partners are living on Social Security pensions, and it is not apparent how they would meet their share of the cost of the proposed work. Their age precludes strenuous labor.

From the above conclusions the Field Team recommends denial.

The Commodity Divisions of the Geological Survey, and the Bureau of Mines, concur in the recommendations of the Field Team.

W S Martin

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

CENTRAL FILE COPY
DMEA
RECEIVED 1957

		CODE
12/9	gb	220
12/9	WSM	400

12/9/57

4465

Chromium
John Burgess & Percy Hauser
Blackbird 1, 2, and 3 Claims
Josephine County, Oreg.

W.S. Martin, Chief, Iron and Ferroalloys Division - DMEA
Through: Chief, Branch of Ferrous Metals and Ferroalloys

W. McInnis Commodity Specialist
Branch of Ferrous Metals and Ferroalloys

DMEA Field Team Report of Nov. 22, 1957

11/22/57 12/5/57

X

W. McInnis

IN REPLY REFER TO:

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

Chromium

December 4, 1957
Re: DMEA 4465
John F. Burgess & Percy J. Hauser
Blackbird 1, 2, and 3 claims
Josephine County, Oregon
No estimate - Chromium

Memorandum

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

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

Subject: Review of Field Team Report

The applicants requested assistance in searching for another ore grade pod of chromite by underground work.

The examiners inspected the area from which small shipments may have been made but found no place that warrants more work. The ore occurs in patches of dunite and the patches of dunite occur in a sill of saxonite (peridotite).

As no target for work could be found and the applicants appear to be unable financially (and perhaps physically) to bear the proportionate expense of a project, the examiners recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 2 1957

DATE	INITIALS	CODE
12/2	C	220
12/4	2/B	130
12/5	C	220
12/5	WSAY	400

November 27, 1957

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

Re: Docket No. DMEA-4465 (Chromium)
John F. Burgess & Percy J. Hauser,
A Partnership
Blackbird 1, 2, and 3 Claims
Josephine County, Oregon

Dear Mr. Selfridge:

Enclosed are three copies of a memorandum examination report on this property by H. F. Albee, Geologist, Geological Survey, and G. G. Waddell, Mining Engineer, Bureau of Mines.

Narrow bands and stringers of chromite are erratically distributed in small pods and lenses of dunite. Where the dunite is exposed in outcrops, pits, and trenches, chromite grains are disseminated in narrow stringers and range from fairly well packed pods near the center of the stringers to sparsely scattered grains near the stringer edges.

Albee and Waddell conclude that, although a few of the pods contain chromite of acceptable grade, the pods are too small and their occurrence is too irregular to suggest the presence of any significant body of chromite ore. They therefore recommend that the application be denied.

The Field Team concurs with the examiners' conclusions and recommendations.

By Field Team, Region I

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

for: Thomas E. Howard
Wing G. Agnew, Member
U. S. Bureau of Mines

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

Reviewed by
DMEA OPERATING COMMITTEE
12-4-57
(date)

DMEA

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 2 1957

DATE	INITIALS	COST
12/4	JAB	130
		220

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

November 22, 1957

MEMORANDUM

To: DMEA Field Team, Region I

From: H. F. Albee, Geologist, U. S. Geological Survey, and
G. G. Waddell, Mining Engineer, U. S. Bureau of Mines

Subject: Field Examination Report, Docket No. DMEA-4465 (Chromium), John F. Burgess and Percy J. Hauser, Partnership, Blackbird 1, 2, and 3 Claims, Josephine County, Oregon.

INTRODUCTION

On September 5, 1956, Mr. John F. Burgess of Coquille, Oregon, and Mr. Percy J. Hauser of Grants Pass, Oregon, submitted an application for aid to explore for chromium on the Blackbird 1, 2, and 3 claims in the Siskiyou National Forest, Josephine County, Oregon. Most of the property lies on the west slope of Horse Mountain in sec. 3, T. 37 S., R. 9 W., and sec. 34, T. 36 S., R. 9 W. W. M., which is about 20 air miles west of Grants Pass.

ON SITE EXAM

The application was referred to the Field Team in February 1957. In April, Mr. Burgess anticipated an opportunity to lease the property to another party and withdrew his application. On July 9, 1957, Mr. Burgess requested that the subject application be reopened.

The authors, accompanied by Messrs. Burgess and Hauser, examined the property on October 17, 1957. Approximately 7 hours were spent surveying, mapping, sampling, and covering every exposure that the applicants thought might be of interest.

SUMMARY

The applicants were undecided as to their exploration plan. They were interviewed on the project site concerning their plans and stated that they thought it would be better to change from sinking a shaft to blasting an open cut along the hillside that shows some surface mineralization.

Reviewed by
DMEA OPERATING COMMITTEE
12-4-57
(date)

The field examiners mapped all of the chrome mineralization that was exposed and sampled wherever feasible. Only small leads remained unmined; however, from the small piles of chromite at a few of the working places it is evident that probably there were some small pods that produced ore-grade material. No unmined pods of ore-grade chromite were found by the field examiners.

CONCLUSIONS AND RECOMMENDATIONS

The field examiners recommend that this application be denied a DMEA loan for the following reasons:

1. Chromite is found in bands and stringers that do not have a predictable pattern; consequently, it is not possible to project the stringers to a point where it would seem likely that they would "make" ore. It is for this reason almost impossible to plan a useful exploration program.

2. The chromite zones that the examiners found were too narrow even to hand pick although there was evidence that small pods had been mined.

3. Other deposits 3 miles to the north in the Briggs Creek area described in U. S. Geological Survey Bulletin 922-P are lenny; small scattered lenses of high-grade ore seem typical of the area.

4. From the small amount of mineralization found and the lack of disseminated chromite in the dunite away from the chromite stringers, it is unlikely that a low-grade deposit of any size might be discovered in the immediate area examined.

5. Both partners are living on Social Security pensions and have no other means of paying their share of an exploration project contract if one were offered. Their age precludes any strenuous physical labor.

LOCATION, ACCESSIBILITY, FACILITIES

The Blackbird claims 1, 2, and 3 are in sec. 34, T. 36 S., R. 9 W., and sec. 3, T. 37 S., R. 9 W. W.M., Josephine County, Oregon (fig. 1). The claims are on Horse Mountain just south of the intersection of Swede Creek with Briggs Creek. A road log to the property is as follows: Travel U. S. Highway 199 southwest from Grants Pass 15 miles to the Cottage Coffee Shop; turn right on Briggs Valley Road and travel 7 miles to the summit where the road divides; continue straight ahead for 3.4 miles to a fork of the road and a sign designating the direction of Swede Creek; take the left fork and travel the oldest but most prominent road for 5.4 miles to the applicants' cabin on their claims. After leaving

U. S. Highway 199 all the roads are Forest Service or logging roads but can be traveled with a standard car if the clearance is not too low as it is necessary to ford Swede Creek.

The property is at elevations that range from 2,000 to 2,400 feet. To reach the property, however, it is necessary to cross a 4,000-foot pass. Although the roads are in good condition, they are steep and the snow limits mining in the Swede Creek area to the period between June and November.

The flora in the Swede Creek area consists of live, tan and pin oak, hemlock, cedar, fir, white and yellow pine, madrona, and alder. Some of the fir and pine are up to 5 feet in diameter and 100 feet tall. Timber for mining would be no problem.

Two old cabins are the only buildings on the property. One cabin is in fair condition and can house four people. It is near an old adit and not owned by the applicants.

GEOLOGY AND ORE DEPOSITS

The property lies on the northwest slope of Horse Mountain about 2 miles southerly from the Briggs Creek chromite deposits on Chrome Ridge. The geology of the Briggs Creek deposits is discussed by F. G. Wells, L. R. Page, and E. L. James in U. S. Geological Survey Bulletin 922-P (1940). The geology of the Horse Mountain property is similar to that of Chrome Ridge and geologic descriptions, therefore, are drawn freely from the bulletin.

The known deposits are all in a sill-like mass of peridotite which has been intruded into a group of hornblende schists and gneisses and thin-bedded quartzites. The peridotite together with the included ore bodies was fractured by shearing and was then serpentinized. Alteration to serpentine is confined mostly to brecciated shear zones, thin layers along fractures, and olivine-chromite contacts in some ore bodies.

At least 95 percent of the peridotite in the area is saxonite. The remainder is dunite, which occurs as small clots scattered through the saxonite. The chromite is found only in the dunite.

The chromite is in narrow bands and stringers that are exposed discontinuously in pits and cuts along a fairly narrow zone for about 700 feet in the southern part of the property, and in two exposures, about 300 feet apart, near the northern part of the property.

The zone of chromite outcrops lies near the center of a sill-like mass of dunite that strikes north and is bounded on either side, about 100 feet from the chromite zone, by metamorphic rocks. The dunite is cut by fractures and shears that strike and dip in apparently random directions. Near the northern part of the property, however, the most prominent system of fractures strikes north and, although seen only in one dimension, appears to dip steeply to the east.

The chromite seen at all the pits and outcrops is disseminated and low grade. The characteristic occurrence is disseminated grains of chromite in narrow stringers which vary from the center, where the grains may be fairly well-packed, outwards to where the chromite grains become progressively more sparse. Small piles of massive chromite at a few of the pits shows that some small pods do occur, but none was seen in place.

Five samples were taken from the outcrops and one grab from a small dump pile. The assay results are as follows:

Sample No.	Thickness (inches)	Assay (percent) Fe	Cr_2O_3
GGW-3B	1-3	11.0	33.2
GGW-4B	Grab	10.45	27.8
GGW-5B	12	9.6	19.6
GGW-6B	3	10.25	22.3
GGW-7B	2	11.35	26.6

The applicants submitted the assay results of three grab samples, two of which were taken from a small pod of chromite removed from the short adit near station 12 (pl. 1). Sample No. GGW-3B was taken by the examiners from a narrow seam in the back of the same adit. The third sample taken by the applicant was from material removed from the "new tunnel" about 60 feet southerly from station 7 (pl. 1). The assay results of the three samples are as follows:

Sample No.	Type	Assay (percent) Fe	Cr_2O_3
RG-289	Grab	9.96	37.06
RG-328	"	10.40	38.66
GG-302	"	11.08	37.50

PROPERTY DESCRIPTION

The property consists of three claims, the Blackbird 1, 2, and 3, that are situated on the northwestern slope of Horse Mountain. The applicants have a placer claim, adjoining the three claims on the north, on which they have two cabins and a spring. From the cabins a steep road crosses the claims and ends at the southernmost workings shown on plate 1.

The workings consist of several bulldozer cuts, several small hand-dug pits, one adit about 50 feet long, and one adit about 10 feet long. There are no mine buildings.

PRODUCTION

Several small piles of both massive and disseminated chromite, probably totalling less than 1,000 pounds, are on the property at the hand-dug pits. At the cabins the applicant has possibly 1 ton of hand-picked ore, part of which came from the same adit as Sample RG-289 and RG-328.

The applicant stated in his original application that ore valued at about $8,000 had been shipped from the property, but he did not know the tonnage. When questioned during the examination, the applicant could give no specific information on production.

PROPERTY RIGHTS AND APPLICANT

Mr. J. F. Burgess, Fairview Rt., Coquille, Oregon, and Mr. P. J. Bauer, 405 S. W. Burgess St., Grants Pass, Oregon, are partners in the ownership of the Blackbird Claims 1, 2, and 3. The only encumbrance against the property is $500 which is to be retired at the rate of "15% of gross sales of minerals."

It is the impression of the field examiners that the applicants would not be able to pay their share of an exploration project. Both men live on Social Security pensions and have no outside income. In talking with these men it was evident that neither has had very much to do with mining.

AVAILABLE MANPOWER, SUPPLIES, ETC.

Most mining material and supplies are available at Grants Pass. Miners are not plentiful in the area, but there are workers available who would be able to do such work under competent supervision.

The Government has a purchasing depot and stockpile for chrome at Grants Pass 32 miles from the applicants' property.

There are also custom mills in the area that can concentrate the ore to 42 percent Cr_2O_3 (the Government cut-off grade).

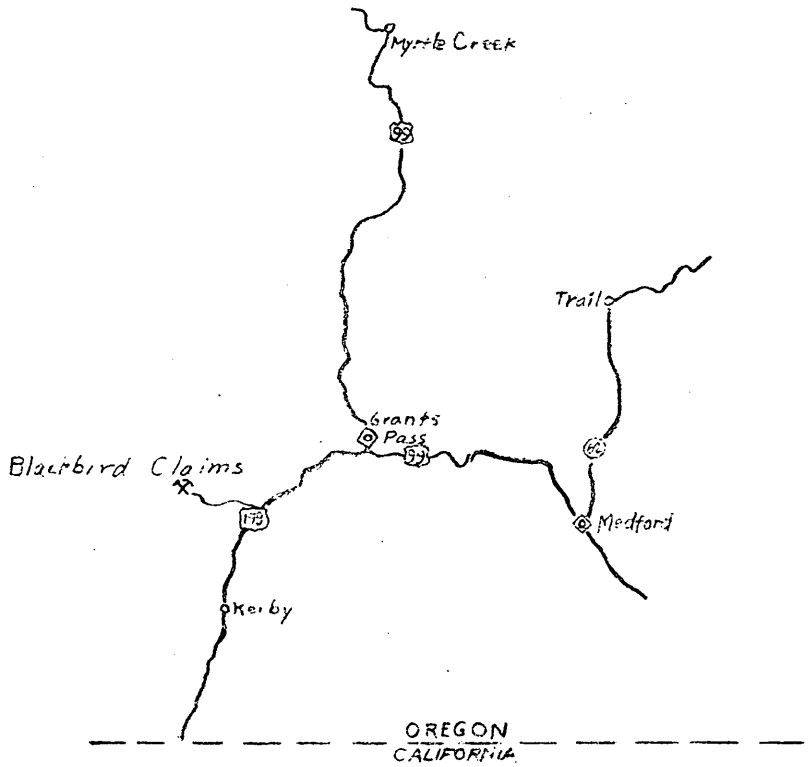
APPLICANTS' PROPOSAL AND DISCUSSION

The applicants originally proposed to "sink a shaft at the back of the old tunnel," then drift from the site of the "new tunnel" an estimated 200 feet to meet the shaft.

Later, while the field examiners were on the property, Mr. Burgess declared that he would rather perform some exploration work on an outcrop down the hill from the aforementioned workings. Here a small amount of chromite was exposed over a discontinuous strike length of about 65 feet between stations 26 and 27 (pl. 1). The exposure is on a steep sidehill and exploration could easily be accomplished by an open-cut operation.

The applicants' first proposal would be costly and has little merit. The second proposal is the better of the two, but the probability of it leading to a significant ore shoot is small.

Enclosures
Distribution:
DMEA(3)
USBM(5)
USGS(SRO)
Docket
Albee



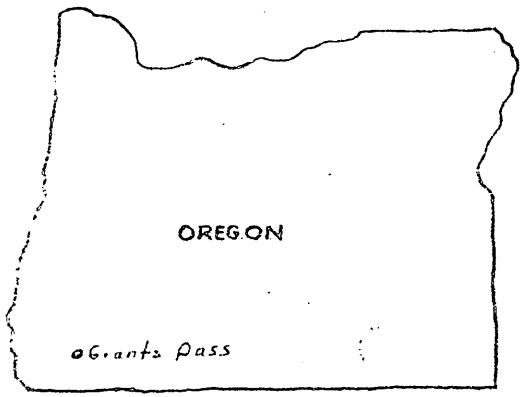


Figure 1. Location map, Burgess and Hauser, Blackbird Claims, Josephine County, Oregon

M.E. Abbe December 1957

OFFICIAL FILE COPY
DWEA
RECEIVED DEC 2 1957

DATE	INITIALS	CODE

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 14 1957

DATE		CODE
10/4	C	220
10/14	WSM	400

So. 157 Howard Street
Spokane 4, Washington

Air Mail

October 8, 1957

Mr. John F. Burgess
Fairview Route
Coquille, Oregon

Re: Docket No. DMEA-4465 (Chromium)
Blackbird 1, 2, and 3 claims
Josephine County, Oregon

Dear Mr. Burgess:

Your DMEA application has been assigned to Mr. Galen Waddell of the U. S. Bureau of Mines and me for examination. We plan to be in Coquille the evening of October 16, 1957, and to meet you the following day at 9:00 a. m. in front of the Post Office.

If this arrangement is not satisfactory, please notify this office by Friday, October 11, 1957. If we do not hear by then, you may drop a letter to us in care of General Delivery, Prineville, Oregon. We will be through Prineville, October 16, 1957.

Sincerely yours,

Howard F. Albee
Geologist

cc: DMEA (2)
USBM (2)
Albee

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7-19	Chapman	400
7-19	Martin	400
7/19	Martin	130
7/19	Bishop	130
7/19	Johnson	110
19	[illegible]	100
7/19	C	120
		400

7/19 Kiilsgaard (130

JUL 19 1957

Mr. John F. Burgess
Fairview Route
Coquille, Oregon

Re: Docket No. DMEA 4465 - Chromite
Blackbird 1, 2 and 3 Claims
Josephine County, Oregon

Dear Mr. Burgess:

As requested in your letter of July 9, 1957, to Mr. A. B. Weissenborn, we are reinstating the subject application.

The Field Team will advise you with regard to a field examination. Any assistance that you can give the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

TLChapman/dlm 7-19-57
cc to CODE 400
Admr. R. File
Oper. Comm.
FT. Reg. I
Messrs. Wilmer McInnis, USBM
T. H. Kiilsgaard, USGS

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7-19	Chapman	400
7-19	Martin	400
7/19	Martin	180
"	Johnson	110
"	Wittenberg	100
		220

JUL 19 1957

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

Re: Docket No. DMEA 4465 - Chromite
John F. Burgess
Blackbird 1, 2 and 3 Claims
Josephine County, Oregon

Dear Mr. Weissenborn:

This will acknowledge receipt of your letter of July 12, 1957, enclosing copies of letter to you of July 9, 1957, from Mr. John F. Burgess, requesting that the subject application be reopened.

A new application will not be required. We will reinstate the application, using the same docket number. Please arrange for a field examination as requested in our letter of February 4, 1957.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (SHB)

APPROVED

O. M. Bishop (SHB)
Member, Bureau of Mines

Thor H. Kiilsgaard (SHB)
Member, Geological Survey

TLChapman/dlm 7-19-57
cc to: Code 400
Admr. R. File
Oper. Comm.
FT. REG. I
Messrs. Wilmer McInnis, USBM
T. H. Kiilsgaard, USGS

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7-16	Chapman	400
7-16	Martin	400
7/17	Martin	130
		110
		100
		220
		400

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

Re: Docket No. DMEA 4465 - Chromite
John F. Burgess
Blackbird 1, 2 and 3
Josephine County, Oregon

Dear Mr. Weissenborn:

This will acknowledge receipt of your letter of July 12, 1957, enclosing copies of letter to you of July 9, 1957, from Mr. John F. Burgess, requesting that the subject application be reopened.

~~No~~ A new application will not be required. (We will submit to the applicant) Please arrange for the field examination as requested in our letter of February 4, 1957. If favorable consideration is given to the application and a contract is prepared, a new docket number can be assigned whenever the contract is executed.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (WSB)

APPROVED:

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

Thor H. Kiilsgaard (WSB)
Member, Geological Survey

WSMartin:foc 7-16-57
cc to: Docket
Code 400
Admr. R. File
Oper. Comm.
FT. REG. I
Messrs. Wilmer McInnis, USBM
T. H. Kiilsgaard, USGS

Also write applicant, referring to his letter and advising the application is reactivated and that field team will contact him in the near future to field examination.

8623

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 18 1957

DATE	INITIALS	CODE
7/18	C	320
		400

So. 157 Howard Street
Spokane 4, Washington

July 12, 1957

Mr. John F. Burgess
Fairview Route
Coquille, Oregon

Re: Docket No. DMEA-4465 (Chromium)
John F. Burgess and Percy J.
Houser (partnership)
Blackbird 1, 2, and 3
Josephine County, Oregon

Dear Mr. Burgess:

This will acknowledge receipt of your letter dated July 9, 1957, regarding your request for reopening your application to explore the Blackbird 1, 2, and 3 claims in Josephine County, Oregon.

Your letter has been forwarded to our Washington, D. C. office for action.

Sincerely yours,

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

cc: DMEA (2)
USBM (2)
Alvord

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

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 15 1957

DATE	INITIALS	CODE
7-15	C	220
7/15	WSM	400

July 12, 1957

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

Re: Docket No. DMEA-4465 (Chromite)
John F. Burgess and Percy J. Houser (partnership)
Blackbird 1, 2, and 3
Josephine County, Oregon

Dear Mr. Selfridge:

Enclosed are two copies of a letter dated July 9, 1957, from John F. Burgess requesting that the above-referenced application be reinstated.

The application was referred to the field by your letter of February 4, 1957, but before an examination could be scheduled the applicant advised us in a letter dated March 8, 1957, that someone was interested in leasing the property. We replied March 12, 1957, telling Mr. Burgess that if he did lease the claims he should advise us so that we could discontinue processing his application. On April 1, 1957 Mr. Burgess wrote to us again saying that the claims had been leased with an option to buy and that processing of the application could be discontinued. Apparently the lease and option has been dropped.

By Field Team, Region I

A. E. Weissenborn

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

Wing G. Agnew

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

Enclosures

cc: USBM (2)
Alvord

COPY

COPY

OFFICIAL FILE COPY
D M E A
RECEIVED JUL 1957

DATE		CODE

Fairview Route
Coquille, Oregon
July 9, 1957

Mr. A. E. Weissenborn
Executive Officer, DMEA
So. 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-4465 (Chromium)
John F. Burgess and Percy J.
Houser (Partnership)
Blackbird 1, 2, and 3

DMEA(2)

Dear Sir:

I notified you April 1, 1957 to discontinue the prossesing of our application for DMEA assistance.

We have the claims back in our possession now and would like to reopen the application if it is possible to do so without making a new application.

The roads are all open now. I can go at any time it is convenient for you, to inspect the claims.

Sincerely yours,

/s/ John F. Burgess

RECEIVED
JUL 11 1957
U. S. G. S.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/15	Holt	400
4/15	Martin	400
4/15	Selfridge	190
"	Johnson	110
"	Gottenberg	100
4/16	C	220
		225

APR 16 1957

Mr. John F. Burgess
Fairview Route
Coquille, Oregon

Re: Docket No. DMEA 4465 - Chromite
Blackbird 1, 2, and 3
Josephine County, Oregon

Dear Mr. Burgess:

This will acknowledge receipt of a copy of your letter of April 1, 1957, which advised Mr. A. E. Weissenborn, Executive Officer, DMEA, South 157 Howard Street, Spokane 4, Washington, that the processing of your application might be discontinued, as you had leased your claims with an option to buy.

Accordingly your application has been withdrawn and placed in our inactive file.

We wish to thank you for your interest in the Defense Minerals Exploration Administration program and for bringing this property to our attention.

Sincerely yours,

C. D. Mitchenbach (for)

Administrator

SPHolt:am 4-15-57
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
FT REG I, NWDist
Messrs. W. McInnis, USBM
T. Kiilsgaard, USGS

Note to Field Team: Memoranda dated September 19, 1956, by W. McInnis, Bureau of Mines, and N. E. Nelson, Geological Survey, relating to the project, are enclosed for the use of the Field Team. Memoranda dated January 24 and January 28, 1957, by Messrs. McInnis and Nelson, were forwarded with our letter of February 4, 1957.

8623

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

OFFICIAL FILE COPY
DMEA
RECEIVED APR 8 1957

DATE	INITIALS	CODE
4/8	C	220
4/8	WSM	400

April 4, 1957

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

Re: Docket No. DMEA-4465 (Chromium)
John F. Burgess and Percy J.
Houser (Partnership)
Blackbird 1, 2, and 3
Josephine County, Oregon

Dear Mr. Selfridge:

Enclosed are three copies of a letter received from Mr. John F. Burgess, answering ours of March 12, 1957. He explains that the property has been leased with an option to buy and asks that the processing of the application be discontinued.

Therefore, it is recommended that the application be withdrawn from the active files.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosures

cc: USBM (2)
Alvord

4/8/57
Copies to:
BM.
U.S.

for

COPY

COPY

Fairview Route
Coquille, Oregon
Apirl 1, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED APR 8 1957

DATE	INITIALS	CODE
4/8	WSM	400

Mr. A. E. Weissenborn
Executive Officer, DMEA
So. 157 Howard Street
Spokane 4, Washington

Dear Sir:

This is in answer to your letter of March 12, 1957 regarding the examination of the Blackbird 1, 2, and 3 mine.

We have leased our claims with an option to buy; so the processing of our application may be discontinued.

Sincerely yours,

/s/ John F. Burgess

John F. Burgess

RECEIVED
APR 3 1957
U. S. G. S.
SPOKANE. WASH

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 18 1957

DATE	INITIALS	CODE
3-18	C	220
3/18	WSM	400

So. 157 Howard Street
Spokane 4, Washington

March 12, 1957

Mr. John F. Burgess
Fairview Route
Coquille, Oregon

Re: Docket No. DMEA-4465 (Chromium)
John F. Burgess and Percy J. Houser (Partnership)
Blackbird 1, 2, and 3
Josephine County, Oregon

Dear Mr. Burgess:

This refers to your letter of March 8, 1957 to Donald C. Alvord regarding the possibility of making an examination of your property in connection with your application for DMEA assistance.

In your final paragraph you state "There is a party interested in leasing the property at this time. If they do not make a deal, I will notify you when the road is passable." In this connection we wish to advise you that if you do lease the claims involved in your application, you should notify this office immediately so that we can discontinue processing your application.

Sincerely yours,

A. L. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

cc: DMEA (2) w/2 copies of incoming
USBM (2)
Alvord

COPY

COPY

ORIGINAL FILE COPY
DMEA
RECEIVED MAR 13 1957

DATE	INITIALS	CODE

Fairview Route
Coquille, Oregon
March 8, 1957

Mr. Donald C. Alvord
So. 157 Howard Street
Spokane 4, Washington

DMEA

Dear Sir:

In regards to your letter of March 5, making an appointment for examination of Blackbird 1, 2, and 3 mine I am sorry to report the road impassable at this time.

There has been no one at the mine this winter to keep the road open and there has been some slides to make it impassable to cars.

There is aparty interested in leasing the property at this time. If they do not make a deal, I will notify you when the road is passable.

Sincerely yours

/s/ John F. Burgess
per Mrs. John Burgess

John F. Burgess

(Docket DMEA-4465, Chromium, Josephine Co., Oregon)

So. 157 Howard Street
Spokane 4, Washington

March 7, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 11 1957

DATE	INITIALS	CODE
3/12	C	220
3/12	WSM	400

Air Mail

Mr. John F. Burgess
Fairview Route
Coquille, Oregon

Re: Docket No. DMEA-4465 (Chromite)
Blackbird 1, 2, and 3
Josephine County, Oregon

Dear Mr. Burgess:

Regarding my letter of March 5, 1957, Messrs. Parsons, Hubbard, and I will be unable to be at Grants Pass on March 16 as we had intended. We plan, instead, to arrive at Grants Pass on the evening of March 22 and to meet you at the Post Office there the following morning.

If you are unable to meet us on March 23, please advise me at the above address.

Sincerely yours,

Donald C. Alvord
Geologist

cc: DMEA (2)
USBM (2)
Alvord

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 11 1957

DATE	[illegible]	CODE
3/12	C	220
3/12	WSM	400

xxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

March 5, 1957

Mr. John F. Burgess
Fairview Route
Coquille, Oregon

Re: Docket No. DMEA-4465 (Chromite)
Blackbird 1, 2, and 3
Josephine County, Oregon

Dear Mr. Burgess:

Mr. E. L. Parsons and Mr. Charles Hubbard of the U. S. Bureau of Mines and I have been assigned to examine the Blackbird property regarding your application for Government aid to explore for chromite.

We tentatively plan to arrive at Grants Pass the evening of March 15 (Friday) and will plan to meet you in front of the Post Office on the morning of the 16th. We will telephone or wire you confirmation in the evening of the 14th.

I anticipate that the examination will take at least one or two days. If for any reason you will be unable to show us your property on Saturday or have an alternative suggestion, please contact this office.

Sincerely yours,

Donald C. Alvord
Geologist

cc: DMEA(2)
USBM(2)
Alvord

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/1	Holt	400
2/1	Martin	400
2/4	Selfridge	130
"	Johnson	110
		100
2-5	C	220

400

FEB 4 1957

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

Re: Docket No. DMEA 4465 - Chromite
John F. Burgess
Blackbird 1, 2 and 3
Josephine County, Oregon

Dear Mr. Weissenborn:

The above-docketed application for exploration assistance is being referred to your office for a field examination of the property.

Copies of memoranda dated January 24 and January 28, 1957, by Wilmer McInness, Bureau of Mines, and N. E. Nelson, Geological Survey, respectively, are enclosed. Also enclosed is an extra copy of the application for use of the Field Team, and two copies each of a letter, cost estimate, sketch map and assay return, all sent to us by the applicant in reply to our repeated requests for additional information on his proposed program.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

Frank D. Lamb

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

SPHolt:am 2-1-57
cc to: Docket
Code 400
Adm. Read. File
Oper. Comm.
FT REG I, NWDist.
Messrs. W. McInnis, USBM
T. Kiilsgaard, USGS

Enclosures

R.G.G.

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/1	Holt	400
2/1	Martin	400
2/4	Selfridge	130
"	Johnson	110
"	Mittenday	100
		220

FEB 4 1957

Mr. John F. Burgess
Fairview Route
Coquille, Oregon

Re: Docket No. DMEA 4465 - Chromite
Blackbird 1, 2 and 3
Josephine County, Oregon

Nelson
Lamb

Dear Mr. Burgess:

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

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

Sincerely yours,

C. O. Mittenday

Administrator

SPHolt:am 2-1-57
cc to; Docket
Code 400
Adm. Read. File
Oper. Comm.
FT REG I, NWDist.
Messrs. W. McInnis, USBM
T. Kiilsgard, USGS

R.G.G.

8623

IN REPLY REFER TO:

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

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 29 1957

DATE	INITIALS	CODE
1-29	CW	220
1/30	WSM	400

January 28, 1957

Re: DMEA 4465
John F. Burgess
Blackbird Claims 1, 2, & 3
Josephine County, Oregon
No estimate - Chromite

Memorandum

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

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

Subject: Review of information supplemental to the application.

The new information is of little help in appraising the application. The information given by the applicant and that afforded by U. S. Geological Survey Bulletin 922t, Chromite, Sourdough and Briggs Creek areas, Josephine County, Oregon cause me to believe the application should be denied without an examination.

However, the applicant may have a pod larger than those that characterize the area.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

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

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 25 1957

DATE	INITIALS	CODE
1-25	C	220
1/25	WSM	400
January	24, 1957	

Memorandum

To: W. S. Martin, Chief, Iron and Ferroalloys Division-DMEA
Through: Chief, Branch of Ferrous Metals and Ferroalloys

From: Wilmer McInnis, Commodity Specialist, Branch of Ferrous Metals and Ferroalloys

Subject: Review of additional information furnished for application DMEA 4465 - John F. Burgess, Blackbird Group, Josephine County, Oregon

From the meager information furnished in applicant's letter of January 12, it appears that he has no definite work plan in mind other than sinking a shaft down some 40 feet in hopes of striking a high grade ore vein and, if such occurs, drifting some 200 feet to meet the old tunnel.

While the cost estimates appear reasonable insofar as given, no overall cost estimate can be arrived at without a definite work plan and I, therefore, recommend that this application be referred to the Field Team for examination and to obtain from the applicant a definite work plan and overall cost estimate.

Wilmer McInnis

Wilmer McInnis

4465
Ch.

OFFICIAL FILE COPY		
RECEIVED JAN 18 1957		
DATE	INITIALS	CODE
1-18	C	220
1/18	WSM	400

Fairview Route
Coquille, Oregon
January 12, 1957

Department of the Interior
Defence Minerals Exploration Adm.
Washington 25, D.C.

Re: Your letter of October 2,1956

Dear Sir:

Am enclosing sketch map as asked.

The mine elevation is approximately 1000 feet. The new tunnel is 150 feet or so below the old one.

I was unable to get papers showing the exact amount of ore shipped during World War II. I was told by former owner that the ore assayed from 38% to 52%.

Am enclosing the last assay report we got. It is from the new tunnel. The vein is about 18" wide by 20" deep. All other assays missplaced.

We are trying to fined the main body of ore. we want to sink a shaft at the back of the old tunnel. If we strike ore will tunnel in from the sight of the new tunnel to meet the shaft; an estimated distance of 200 feet.

Have enclosed an estimation of costs on an other sheet of paper.

I hope this information is clear enough for your records.

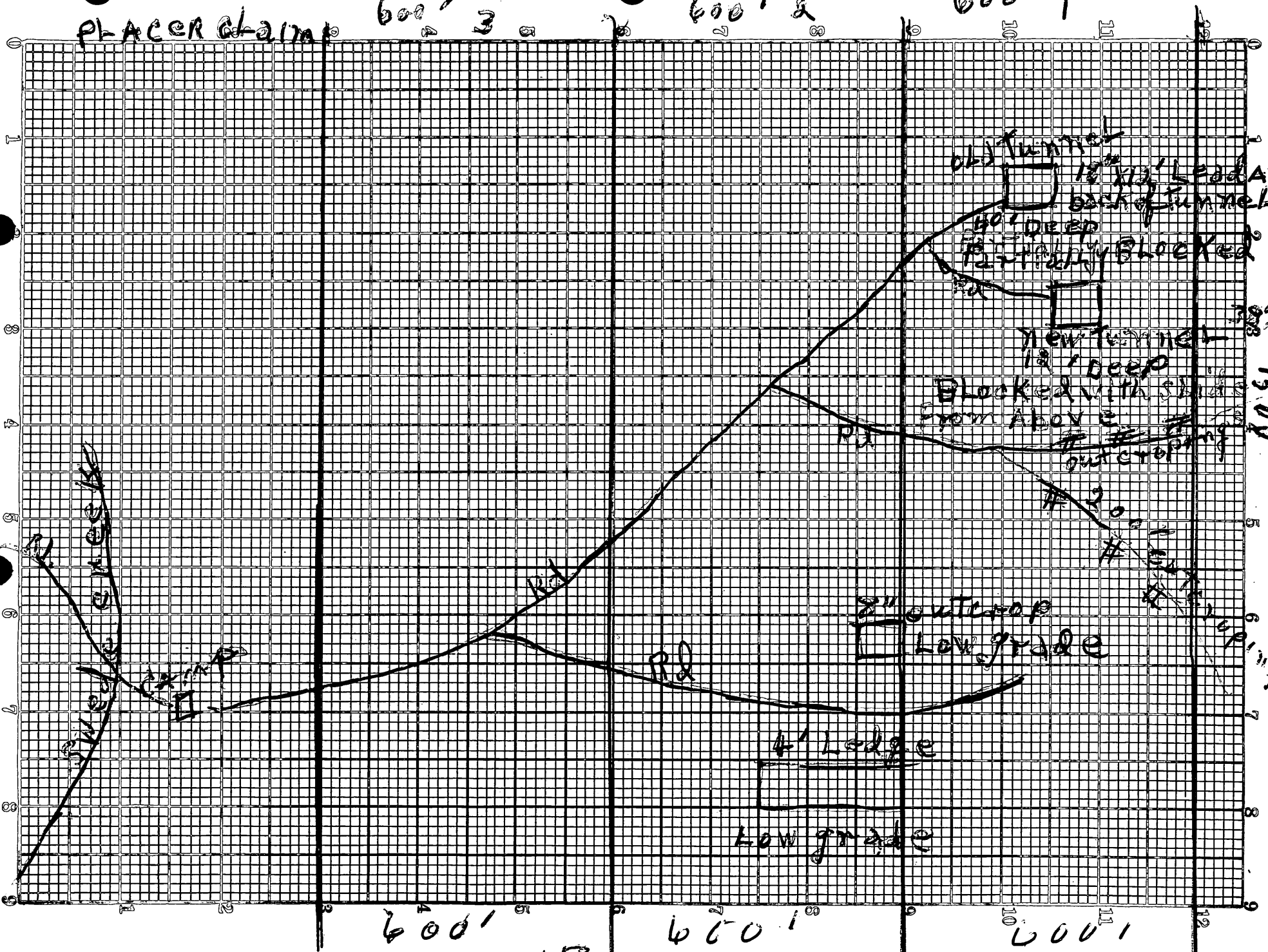
Sincerely,

John F. Burgess

John F. Burgess

1/18/57
Copies sent to BM & GS.
JAB

X. 5 Black Bird Claims 1, 2 + 3



RECEIVED
JAN 18 1957
D.M.E.A.

RECEIVED JAN 18 1957 D.M.E.A.

6- Estimate of Costs:

a: Independent Contracts- None

b: Labor, supervision, Consultants -

1, experienced hardrock miner	-----	$18.00	per day
2 muckers	----	32.00	" "

c: Operating Materials and Supplies

drill bits	----	1.00	" "
fuel- gas, oil,and&	---	3.00	" "
TNT, caps, and fuses	---	3.00	" "
pipe line 100' @22¢	---	22.00	

d: Operating equipement

owners have -

compressor and jackhammer

useof same	----	4.00	per day

'need to buy

fire extinguishers	---	10.00	
back pump	---	35.00	

e: Rehabilitation and repairs

possibly a weeks work repairing roads and clearing out cave-in in tunnels

f: New buildings, improvements,instalations - none

g: Misellanious

repairs	----	5.00	per day
assays	----	7.00	apiece
accounting	----	3.50	Per day
SIA	----	.03	" "
S.S.	-----	.90	" "

h: Contingencies ---- 5.00 " "

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

2033 First Street
Baker, Oregon

1069 State Office Building
Portland 1, Oregon

239 S.E. "H" Street
Grants Pass, Oregon

Grants Pass

RECEIVED JUN 18 1957 D.M.E.A.

REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein as fully as possible and submit this blank filled out along with the sample.

Your name in full P. J. Houser

Post office address 405 S.W. Burgess St., Grants Pass, Oregon

Are you a citizen of Oregon? yes Date on which sample is sent 10-8-56

Name (or names) of owners of the property same and John Burgess

Are you hiring labor? no Are you milling or shipping ore? no

Name of claim sample obtained from Blackbird #1

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.)

County Josephine Mining District Illinois River

Township 36 S. Range 9 W. Section 34 Quarter section

How far from passable road? 15 miles Name of road Highway 199

	Channel (length)	Grab	Assay for	Description
Sample no. 1		X	Cr_2O_3, Fe	
Sample no. 2				

(Samples for assay should be at least 1 pound in weight)

(Signed) P. J. Houser

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description Massive chromite with some mixed serpentine, talc, and kammererite.

Sample number	GOLD oz./T.	GOLD Value	SILVER oz./T.	SILVER Value	CHROME Cr_2O_3	IRON Fe		
P-20440 QG-342	---	--	---	--	39.45%	10.30%	---	---

Report issued Card filed Report mailed 10-26-56 Called for

SIR-5

LAW RELATING TO FREE ANALYSIS OR ORES, MINERALS, ETC.
CHAPTER 179, Section 10, Oregon Laws 1937.

The department shall make, or cause to be made, quantitative determinations of ores and minerals when submitted for the purpose, that are from original prospects or properties within the state of Oregon, and shall mail to the sender the results obtained within 10 working days after receipt of samples; said service shall be performed by the department without charge to the sender and shall be rendered in exchange for information for the records of the department, stating the name and residence of the sender together with a history of the ore or mineral, giving as nearly as possible the location from which the sample was taken, including the name of the county, and any other matters that may be beneficial touching the same. All determinations shall be performed under the following rules and regulations and subject to the following restrictions:

(a) No sample submitted by engineers sampling prospects or mines for the purpose of evaluation, or submitted by operating mines milling or shipping ore, or hiring labor, shall be accepted by the department for assay and/or analysis, except they be taken in the field by members of the department's staff in conducting the work of the department within the scope of this act.

(b) The number of samples which any single person or group of persons may submit shall be limited to two in any 30-day period and all samples shall be assayed or analyzed by the department in the order received, as far as possible.

(c) All information received and results of determination sent out shall be open to public inspection and may be published by the department.

(d) Before any work is done on the material submitted, all information required must be possessed by the department and the 10-day limit for reports will count from the time such data are received by the department.

400

DOCKET
SURNAME
Holt
Martin
Selfridge
Johnson

DEC 12 1956

Mr. John T. Burgess
Fairview Route
Coquille, Oregon

Re: Docket No. DMA 4465 - Chromite
Blackbird Claims
Josephine County, Oregon

Dear Mr. Burgess:

Reference is made to our letter of October 2, 1956, in which we requested that you send us additional information to enable us to give proper consideration to the subject application for exploration assistance.

We are unable to process the application until a reply is received to our above mentioned letter. We would appreciate your providing us promptly with as much of the additional information requested as you now have available.

Sincerely yours,

C. O. Mittendorf

Administrator

SPHolt:am 12-10-56
cc to: Docket
Code 400
Admin. Read. File
FT. REG. I, NWDist
Messrs. W. McInnis, USBM
T. H. Kiilsgaard, USGS

R.G.L.

400

Docket
Surname
Hoelt
Martin

OCT -2 1956

Mr. John F. Burgess
Fairview Route
Cottage Grove, Oregon

Re: Docket No. DMEA-4465 - Chromite
Blackbird 1, 2, & 3
Josephine County, Oregon

Dear Mr. Burgess:

Reference is made to the subject application for exploration assistance in exploring the Blackbird 1, 2, and 3 claims.

It will be appreciated if you will supply additional data, needed for processing your application, as follows:

1. A sketch map, on a larger scale than the claim map submitted with your application, showing the relative position of the old workings and your proposed new tunnel, with approximate length and direction of each.

2. Relative elevations of the old and the new proposed tunnels.

3. Any available data as to the tonnage and grade of ore shipped.

4. Assay returns showing percentage of chromium in any samples you have taken, with location of samples and the width of vein.

5. A description of your planned exploration work, with estimated footages of drifts, crosscuts, etc., and a detailed estimate of costs.

Sincerely yours,

C. O. Mittendorf

Administrator

SPHelt/mcf
10/1/56
cc: Docket
Code 400
Admr. R. File
T. Kiilsgaard, USGS
W. Mc Innis, USBM
FT, Reg. I, N.W. Dist.

Docket

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

RECEIVED
SEP 20 1956

Date September 19, 1956

DMEA Docket No. 4465 WBM
DMEA Contract No. -
Commodity Chromium
Name of applicant John F. Burgess & Percy J. Houser
Name of property Blackbird 1 2 & 3
Location of property Josephine County, Oregon
Estimated cost of project Not Given

Memorandum

To: W. S. Martin, Chief, Iron and Ferroalloys Division-DMEA HR
Through: Horace T. Reno, Acting Chief, Br. of Ferrous Metals & Ferroalloys

From: W. McInnis

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

1. Date of subject document: 9/17/56. 2. Date received by reviewer: 9/18/56.
3. Prior reports on this property known to reviewer: Yes ☐, No ☐.
4. Prior reports on nearby properties known to reviewer: Yes ☐, No ☐.
5. Information available on past production: Yes ☐, No ☐.
6. Other pertinent factors known to reviewer: Yes ☐, No ☐.
7. Explain items marked yes above:

8. Factors needing special consideration:
a. Location ☐
b. Ownership ☐
c. Evidence of mineralization ☐
d. Geology ☐
e. Proposed exploration method ☒
f. Alternate exploration method ☐
g. Costs ☒
h. _____ ☐

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

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

W. McInnis

W. McInnis

Copy retained 400

IN REPLY REFER TO: Docket

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

September 19, 1956

RECEIVED

Re: DMEA 4465
John F. Burgess
Blackbird group
Josephine Co., Oregon
No estimate--Chromite

Memorandum

WSM

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

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

Subject: Review of application.

The applicant requests assistance in searching for the downward extension of a deposit from which $8,000 worth of chromite ore has been shipped.

Apparently the shipments, which were taken from near surface exhausted the lense or pod and it is considered necessary to go underground in a search for more ore.

It is not possible by use of the inadequate sketch map, which is a part of the application, to identify the prospect with those reported upon in Bull. 922T, Chromite, Sourdough and Briggs Creek areas, Josephine Co. Oregon. A general observation in the Bulletin p. 496, probably applies to this property, viz: "The widely scattered deposits of this area give an overfavorable impression of the size and value of the chromite deposits. Prospecting of high grade lenses near the surface give the impression that considerable ore is available, but the individual masses of ore thus revealed are small".

Other than a "2' seam" at a new tunnel the application makes no mention of a possible 'control' that might give direction to underground work but such may be present.

The applicant should be requested to give more detail as to the work planned, etc.

N. E. Nelson

N. E. Nelson

Copy retained 400

Copy retained 400

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

September 17, 1956

Mr. John F. Burgess
Fairview Rte.
Coquille, Oregon

Subject: DMEA-4465
Re: Exploration Assistance
Blackbird 1, 2, & 3

Dear Mr. Burgess

Your application for exploration assistance, dated September 5, 1956 submitted to our office at Spokane, has been assigned Docket Number DMEA-4465 and referred to the Iron and Ferro-Alloys Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Chief
Operations Control and
Statistics Division

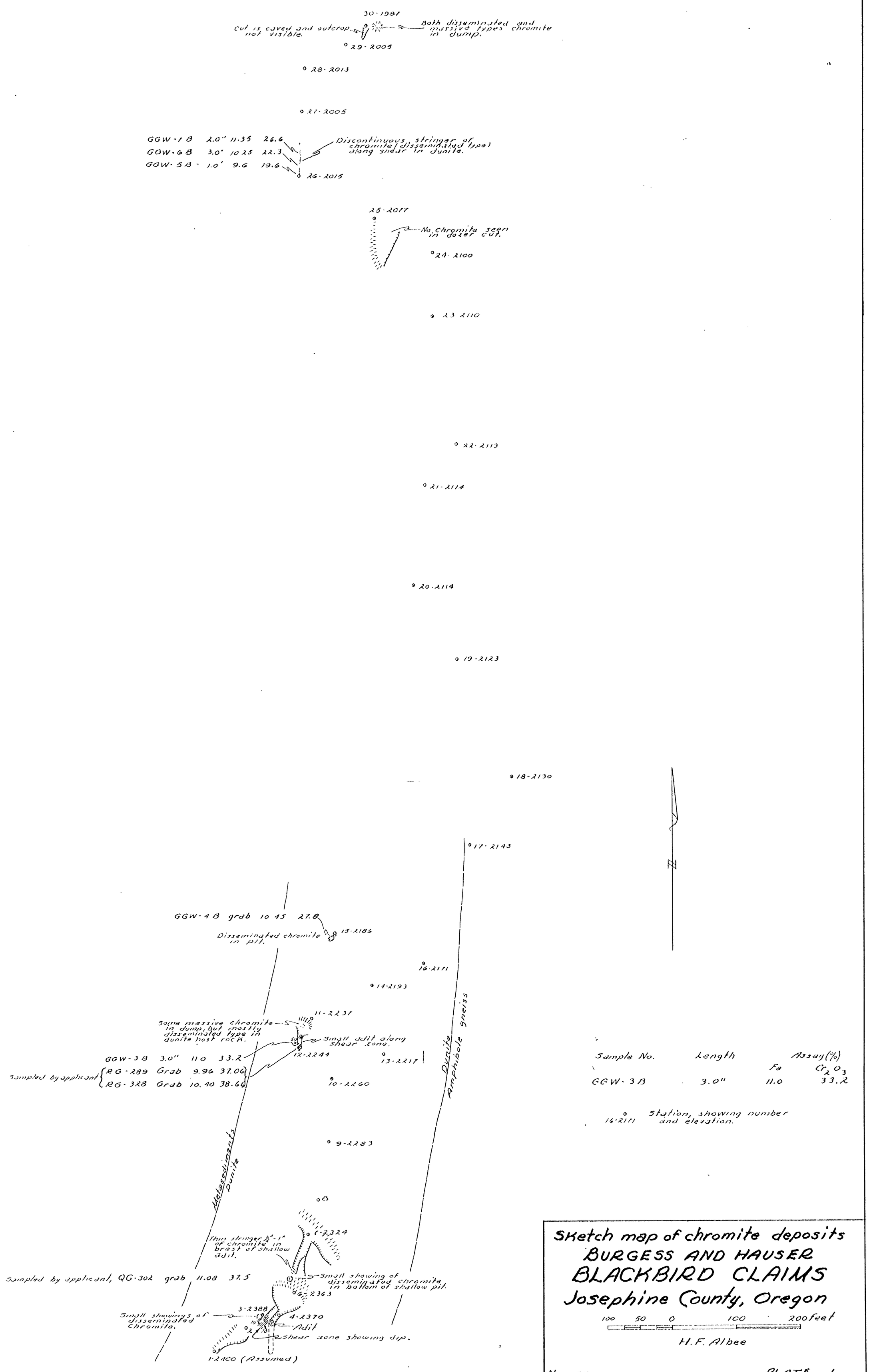
Copy to:

Region I, NW. Spokane, Washington
Code 400

3571

MR. WINGFIELD CHAMBERLAIN
DMEA - DEPARTMENT OF THE INTERIOR

STOP 43


30-1981
Cut is caved and outcrop not visible.
Both disseminated and massive types chromite in dump.
29-2005
28-2013
27-2005
GGW-1B 2.0" 11.35 26.6
GGW-6B 3.0" 10.25 22.3
GGW-5B 1.0' 9.6 19.6
Discontinuous stringer of chromite (disseminated type) along shear in dunite.
26-2015
25-2017
No chromite seen in dozer cut.
24-2100
23-2110
22-2113
21-2114
20-2114
19-2123
18-2130
17-2143
GGW-4B grab 10.45 27.8
Disseminated chromite in pit.
15-2186
16-2171
14-2193
11-2237
Some massive chromite in dump, but mostly disseminated type in dunite host rock.
Small adit along shear zone.
12-2244
13-2217
GGW-3B 3.0" 11.0 33.2
Sampled by applicant RG-289 Grab 9.96 37.00
RG-328 Grab 10.40 38.60
10-2260
Dunite
Amphibole gneiss
Metasediments
Dunite
9-2283
8
7-2324
Thin stringer ½"-1" of chromite in breast of shallow adit.
Small showing of disseminated chromite in bottom of shallow pit.
6-2363
Sampled by applicant, QG-302 grab 11.08 37.5
3-2388
4-2370
Small showings of disseminated Chromite.
Adit
Shear zone showing dip.
1-2400 (Assumed)
N
Sample No. Length Assay (%)
Fe Cr_2O_3
GGW-3B 3.0" 11.0 33.2
16-2171 Station, showing number and elevation.
Sketch map of chromite deposits
BURGESS AND HAUSER
BLACKBIRD CLAIMS
Josephine County, Oregon
100 50 0 100 200 feet
H. F. Albee
Nov, 51
PLATE. 1
Brunton and tape traverse by H.F. Albee and G.G. Waldle