DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 13307

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Routing Slip

To:	Field Team	Date	6/10/51
To:	Mr. Barnes	Date	Aug. 2, 1951
To:	Mr. Lyon	Date	Aug. 22, 1951
To:	REPORTS AND RECORDS	Date	AUG 24 1951
To:		Date	
To:		Date	
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FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. Code 210

October 19, 1951

A.E.e

Mr. R. G. Amidon
R. G. Amidon & Company
Hotel Baker
Baker, Oregon

Re: Docket DMA-1355X

My dear Mr. Amidon:

This will acknowledge receipt of your letter of October 13, 1951, directed to the attention of Mr. Tom Lyon.

Pursuant to your request, there are enclosed the survey maps, the smelter returns, and the Bureau of Mines statistics report covering lead, zinc, copper, gold and silver in connection with DMA-1355X.

Sincerely yours,

Signed S.F. 10-22

John M. Smith, Acting Chief
Administrative Management Division

Enclosures

READAMS/hb

Copy to: Mr. Smith
Reports & Records
DMA Files ✓

E. S. WILSON, MANAGER

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
OCT 15 1 43 PM '51

310

Answered by Adams for Smith 10/16/51 HB

HOTEL BAKER

ON THE "OLD OREGON TRAIL"

BAKER, OREGON

October 13-1951
Hotel Baker,
Baker, Oregon.

United States Department,
of The Interior, Washington. D.C.

attention Tom Lyon, director, !- Re - Docket-No 1355X
Supply Division.

Will you kindly mail to R. G. Amidon & Company, care R. G. Amidon at hotel Baker, Baker, Oregon, the survey maps, the smelter returns, the Bureau of Mines, metal statistics report covering lead - zinc - copper - gold and silver. For this DMA - Loan docket No 1355X.

We have interested new "private capital", in this "Tillicum - Tunnel" Extension Project.

Your letter dated Aug 24th - was not received, as the writer, has been traveling and only returned, a few days ago to pick up this mail.

Yours truly

R. G. Amidon & Co - Inc
By - R. G. Amidon - Pres -

310 FILE COPY
SURNAME:

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

AUG 24 1951

Gowen
RVWaugh
Johnson

a. E. C.

R. G. Amiden and Company
Granite, Oregon

Re: Docket No. 1355X

Gentlemen:

Your application for exploration aid has been reviewed by the Defense Minerals Administration and we are sorry to inform you that it must be denied.

On the basis of the data submitted with your application and the data available to the Government the geological probabilities of the project as you have presented it do not appear sufficiently favorable to justify consideration in the Copper Program, at this time.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

RVWaugh:pk
8/22/51

Copy to: Reports and Records Branch
J. B. Gowen
C. H. Johnson
D. MacLaren
Field Team Region II
Files-DMA Docket

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

AUG 24 1951

Memorandum

To: Administrative Management Division

From: Director, Supply Division

Subject: Exploration Aid Application of R. G. Amidon and Company, Granite, Oregon. DMA-1355X. Commodity, Copper.

It is recommended that this application be denied for the following reasons given by Defense Minerals Administration, Field Team, Region II.

1. The structure in the Tillicum adit which the applicant wishes to drive on is at a maximum only two feet wide and copper and lead mineralization is nil.

2. In the applicant's opinion the drift must go into argillite before the vein could be expected to open up (about 550 feet of drifting). The applicant then wishes to crosscut to the east. This would serve no purpose except opening up completely unknown ground.

3. In crosscutting even to the west, the extension of the Buffalo veins some 4,000 feet south of the Buffalo end line is problematical. Also if the veins were to continue on the same strike as in the Buffalo claim, a 500 to 1,000 feet westward crosscut might be necessary.

4. A tabulation of smelter returns of shipped concentrates from the Buffalo veins indicates a very low grade copper mineralization and lead and zinc mineralization which alone could not be commercial.

5. An alternate proposal of crosscutting was suggested to the applicant without success.

A letter notifying the applicant of the denial has been prepared for my signature.

Transmitted herewith is the entire file consisting of the following:

3 Forms MF-103
3 Forms MF-100

3 Answer sheets to Form MF-100 of two pages each
1 Proof of Labor
1 Form 6-1178 (duplicate)
1 Page from Oregon Metal Mines Handbook
1 Map Buffalo Mine Map - A
1 Map showing underground workings and proposed tunneling
2 Copies of Review of Application for Exploration assistance with cover form signed by Tom Lyon
2 Field Team reports from V. G. Fryklund, Jr. to A. E. Weissenborn, dated July 25, 1951
1 Original letter and 2 carbon copies from Mr. Fryklund to Mr. L. F. Strobel, dated July 25, 1951
1 Original memorandum and 2 carbon copies from Field Team II, to Mr. Gowen

Tom Lyon

Tom Lyon, Director
Supply Division

JF 8/24

Attachments
RVWaugh:rw (8-22-51)

Copy to: Reports and Records Branch
Field Team, Region II
Mr. Gowen
Mr. Johnson
Mr. MacLaren
Files - DMA Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

August 8, 1951

7616

Mr. J. D. Harlan
2017 Fifth Avenue N.
Seattle 9, Washington

Dear Mr. Harlan:

I have your letter of August 6 with reference to the application of Mr. R. G. Amidon, docket DMA-1355X.

Mr. Amidon visited the office and he did mention your name. I believe that he stated that you knew something about the property, although just what he said in detail escapes me at the moment. In any event, the property was examined by a geologist from this office. The property may conceivably have some exploration possibilities, but we were not in agreement with Mr Amidon's proposed plan for exploration, and consequently made an unfavorable recommendation.

Sincerely,

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

cc: Tom Billings

DEPARTMENT OF THE INTERIOR
Minerals Administration
RECEIVED
AUG 14 1951

AUG 14 1951

300

2017 5th Ave. N.
Seattle 9, Wash.
Aug. 6, 1951

Dear Al,

DMA-1355-X-Loan, R.G.Amidon

For more than 40 years George Easley, Mining Engineer and capitalist of 120 Broadway, N.Y., and I have been friends but never associated in business. At rare intervals Easley has consulted me about mining property in which he was interested or in which he was considering taking an interest.

Just about the time I started to work on an assignment for DMA Easley phoned me from his office in New York asking if I could examine the property of Amidon in eastern Oregon, the latter being in his office at the time. Not knowing that I had undertaken the task for DMA Easley first tried to reach me at my home address but was referred to room 3538 New Interior Building where he reached me about the middle of May. He told me that Amidon had in mind to try to secure a loan from DMA for 50% of the cost of exploration and was trying to interest him to finance the balance. Easley made it clear that he was not interested in having Government finance any part of the cost of exploration but was only interested in whatever I might report as to the merit of the proposed venture.

The day following the phone talk with Easley I was visited in Washington by Amidon who showed me maps and explained his work in Oregon. He was informed that I would not undertake an examination of his property while on the assignment for DMA and further that I thought he should clear with Hewitt before he used the latter's 20 year old suggestion that development at depth would reveal appreciable amounts of copper, lead, and zinc sulfides. I then advised Easley not to depend on my having time to examine Amidon's property at all and was advised by Easley that he had dropped any further interest in Amidon's proposal.

Knowing the habits of promoters in using the names of reputable engineers or business men I explained Amidon's business to Tom Billings in room 3620 just before I departed Washington July 24. At that time Billings was unable to locate the file on the subject and could not identify it under the name of Amidon, therefore did not know whether Amidon had filed application for a loan or, if so, whether it had been referred to the Field Team.

This morning I have had word that Amidon's application has been duly processed and an examination has been made by your team,- also that Hewitt's very old suggestion was used in the application and that some capital was made of the fact that my office was with Tom Lyon and that I might be contacted for information as to progress in the matter. Not being further interested in Amidon's proposal Easley made no attempt to determine the status of docket 1355-X.

Just in case Amidon has referred to me in any way in his application for loan the above will explain the situation; I have seen the man but once and that for about an hour as stated above.

My best regards and every good wish to you and your team

Sincerely

D.D. Harlan

cc Tom Billings

Dear Tom, The original of this is being mailed to Al Wesselborn at Spokane. Best wishes, Jack Harlan

7

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

July 25, 1951

Memorandum

To: A. E. Weissenborn, Executive Officer, DMA, Field Team, Region II

From: Verne C. Fryklund, Jr.

Subject: R. G. Amidon Property
Grant County, Oregon
DMA Docket No. 1355X

RECOMMENDATIONS

It is recommended that the application for an exploration contract be denied. The reasons for this denial are as follows:

1. The structure in the Tillicum adit which the applicant wishes to drive on is at a maximum only 2 feet wide and copper and lead mineralization is practically nil.

2. In the applicant's opinion, the drift must go into argillite before the vein could be expected to open up (about 550 feet of drifting). The applicant then wishes to crosscut to the east and intersect several very minor gold veins which have been prospected east of the Tillicum adit. As the Tillicum adit appears to be in the footwall of the Buffalo veins already, (see map) crosscutting eastward would serve no purpose except opening up completely unknown ground.

3. Even if the applicant were to crosscut to the west, the extension of the Buffalo veins some 4,100 feet south of the Buffalo end line is problematical. Also, if the veins were to continue on the same strike as in the Buffalo claim, a 500 to 1,000 foot westward crosscut might be necessary.

4. A tabulation from the applicant's smelter returns of shipped concentrates from the Buffalo veins indicates a very low-grade Cu mineralization and lead and zinc mineralization, which

DEPARTMENT OF
Defense Minerals Administration
RECEIVED
JUL 31 1951
Executive Officer

alone could not be considered commercial. 8 lots of concentrate, which were assayed for copper, totaled 217,290 lb. with a weighted average of 0.50 percent Cu. 7 lots of concentrates, which were assayed for lead, totaled 236,190 lb. with a weighted average of 2.43 percent Pb. 10 lots of concentrates, which were assayed for zinc, totaled 288,690 lb. with a weighted average of 2.38 percent Zn. These averages are significant because the gold in the Buffalo veins is associated with the sulphides and their mill attempts to recover all sulphide in the veins.

An alternate proposal, crosscutting in the Boston claim to the Buffalo veins, was suggested to the applicant without success. If the veins extend into the Boston claim an exploration loan could be repayed from the gold content and some lead and zinc would be produced. The copper produced would probably be of little interest.

LOCATION OF DEPOSIT

The property is in the SW¼ of Sec. 14, T. 8 S., R. 35½ E., about 4 miles north of Granite, Grant County, Oregon. Granite can most easily be reached from Baker by way of State roads 7 and 220 through Salisbury, McEwen, and Sumpter.

OWNERSHIP OF CLAIMS

The Tillicum group and the Massachusettes, Boston, and Filchberg claims are owned by R. G. Amidon and Company. There has been no production from the claims other than placer gold in latter part of the last century.

DESCRIPTION OF PROPOSAL

The applicant proposes to extend the Tillicum adit until he reaches argillite (on the order of 550 feet). He expects the vein in the Tillicum adit to open up and increase in value in the argillite. The applicant then proposes to crosscut to the east 600 feet exploring for several gold-bearing quartz veins which lie east of the Tillicum portal.

Although the applicant has submitted maps showing the underground workings of the Buffalo mine, he has no intention of searching for the continuation of these veins in his own ground.

DESCRIPTION OF DEPOSIT

The geology of the general area has been described by Hewett (Zonal Relations of the Lodes of the Sumpter Quadrangle, Trans. A.I.M.E., pp. 305-346, 1931). Quartz monzonite or diorite

intrusives have metamorphosed possible late Paleozoic sediments producing a rock best designated as argillite, although some fine grained schists are present in the area of the Buffalo mine. No detailed mapping has been done in the vicinity of the Buffalo mine or the Tillicum adit.

The Tillicum adit has been driven along two slightly over-lapping quartz veins in quartz diorite. The veins strike almost due north with steep dips up to 88 degrees or vertical. The quartz veins range from less than six inches to about two feet in width. They contain a very minor amount of pyrite and chalcopyrite; small specks of a dark sulphide suggest galena. There is only a small amount of malachite in the adit and the lack of chalcopyrite is not the result of solution. The veins are reported to carry $7.00-8.00 in gold.

550 feet immediately north of the face of the adit is the quartz diorite-argillite contact. The exact position of the contact is uncertain but can be traced by changes in float rock.

The Buffalo veins are reported to have the best values when they are in argillite rather than in the quartz diorite; therefore, most of the prospecting in the area is based upon following exposed veins into argillite.

COMPETENCE OF APPLICANT

The applicant has owned and operated the Buffalo mine, and was until recently again leasing the mine. He has had active interests in several other mines and appears to be a very competent mine operator.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

July 25, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed herewith are 4 copies of an examination team report and 4 copies of a Field Team memorandum on the R. G. Amidon and Company's application for exploration loan, Grant County, Oregon, DMA Docket No. 1355X. Will you please forward the above to the Copper Commodity Committee.

Also enclosed is the original docket material.

Yours sincerely,

V. C. Fryklund

V. C. Fryklund
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: U.S. Bur. Mines
Spokane, Wn.
Albany, Ore.

SECRETARY OF THE INTERIOR
Defense Minerals Administration
Received
JUL 31 1951
L. F. STROBEL
Executive Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

July 25, 1951

Memorandum

To: Mr. Gowan, Chairman
Copper Commodity Committee

From: Field Team, Region II

Subject: R. G. Amidon and Company
Grant County, Oregon
DMA Docket No. 1355X

Enclosed herewith are 4 copies of a report with 4 copies of a map describing a proposed exploration program by R. G. Amidon and Company.

Although Mr. Amidon is a competent operator and mining engineer, on the basis of the enclosed report the Field Team recommends that the application for an exploration contract be denied.

By Field Team, Region II

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

Glenn O. Reed, Acting for:
M. E. Volin, Member
(U.S. Bureau of Mines)

Enclosures
cc: U.S. Bur. Mines
Spokane, Wn.
Albany, Ore.
L. F. Strobel

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 31 1951
LAWSON F. STROBEL
Executive Secretary

FILE COPY
SURNAME:

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

JUL 10 1951

Copper

Gowen
Jacoon
Ron

Mr. R. G. Amidon, President
Hotel Baker
Baker, Oregon

Re: Docket No. DMA-1355X

Dear Mr. Amidon:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. A. R. Reissenborn, Executive Officer, DMA Field Team, Region II, South 157 Howard Street, Spokane, Washington.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

not stripped in R. & R.

JwAlt:jp

Copy to: Executive Officer, DMA Field Team, Region II
Reports and Records Branch
Administrator's Reading File
Coordinating Committee
J. B. Gowen
Charles J. Johnson
D. Mac Laren
Files
Mr. R. G. Amidon, President, Hotel Vance, Seattle 1, Wash.

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

Mr. A. E. Weissenborn
Executive Officer, DMA FIELD TEAM
Region II
South 157 Howard Street
Spokane, Washington

JUL 10 1951

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. DMA-1355X

Commodity Copper

Applicant Mr. R. G. Amidon, Pres., Hotel Baker, Baker, Oregon

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Sam Lyon
Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Olaf T. Rorr
For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1355X

Commodity COPPER

Total Amount $50,000.00

Govt. Participation $25,000.00

1. Name and Address of Applicant R. G. AMIDON & Co.
GRANITE, OREGON.

2. Location of Property SW 1/4 - SEC. 14, T. 8 S R 35 1/2 E. 4 MILES
NORTH OF GRANITE, GRANT COUNTY, OREGON

3. Mineral or metal COPPER Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? YES - OWNER
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower CAN NOT TELL

b) Equipment and supplies DOES NOT LIST ANY
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* YES

d) Water (question 13)* YES

e) Power (question 13)* YES

Is a field check needed on any of these points? ~~B~~ YES

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* FROM WHAT HE GIVES IT WOULD SEEM ADEQUATE

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? THERE IS A MAP BUT IT IS NOT TOO COMPLETE

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? YES

If not, what part of it is?

EXHIBIT A. (21-22)

The applicant plans to extend the Tacoma adit tunnel some 3500 ft. to the Buffalo claim. This will open up all Buffalo veins 800 feet vertically lower.

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? No COSTS GIVEN

f) Should more information be requested from applicant? YES

g) Is a field examination necessary to complete Exhibit A? YES

11. Exhibit B (question 23-d)*

a) Is it applicable? No INFORMATION GIVEN

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? YES

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? No INFORMATION GIVEN

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? —

d) Is a field check needed? YES

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? PROJECT NOT OUTLINED ENOUGH

c) Is the schedule excessive for the work proposed? SAME

d) Are the proposed wages and salaries reasonable? No WAGES GIVEN

e) Is a field check needed? YES.

14. Exhibit E (question 23-c)*

a) Is it applicable? NOT STATED

b) Sufficient data? No

c) Reasonable? —

d) Field check needed? YES

15. In your judgment, can the proposed work be done in the proposed time? PROJECT NOT OUTLINED

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Check feasibility of project with the possibility of driving a tunnel from a nearby place or diamond drilling. Obtain more information from the applicant to answer the questions not fully covered in this report. There is a question as to the feasibility of driving a long crosscut so deep beneath bottom levels as stated. More geological information concerning the workings and conditions. Alternate plans should be studied.

J A Gowen

Reviewed by: R L Nagle

C H Thorn

D Blanchard

Date 18 Jan 50

97692

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1355X

Commodity COPPER

Total Amount $50,000.00

Govt. Participation $25,000.00

1. Name and Address of Applicant R.G AMIDON & Co
GRANITE, OREGON

2. Location of Property SW 1/4 - SEC 14, T 8S R 35-1/2E 4 MILES
NORTH OF GRANITE, GRANT COUNTY, OREGON

3. Mineral or metal COPPER Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes - OWNER
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower CAN NOT TELL

b) Equipment and supplies DOES NOT LIST ANY
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* YES

d) Water (question 13)* YES

e) Power (question 13)* YES

Is a field check needed on any of these points? ☒ YES

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* FROM WHAT WE GUESS IT WOULD SEEM ADEQUATE

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? THERE IS A MAP BUT IT IS NOT TO COMPLETE

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? YES

If not, what part of it is?

EXHIBIT A. (21-22)

The applicant plans to extend the Tacoma adit tunnel some 3500 ft to the Buffalo claim. This would open up the Buffalo veins 800 ft vertically lower.

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? No COSTS GIVEN

f) Should more information be requested from applicant? YES

g) Is a field examination necessary to complete Exhibit A? YES

11. Exhibit B (question 23-d)*

a) Is it applicable? NO INFORMATION GIVEN

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? YES

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? NO INFORMATION GIVEN

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? —

d) Is a field check needed? YES

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? PROJECT NOT OUTLINED ENOUGH

c) Is the schedule excessive for the work proposed? SAME

d) Are the proposed wages and salaries reasonable? NO WAGES GIVEN

e) Is a field check needed? YES.

14. Exhibit E (question 23-c)*

a) Is it applicable? NOT STATED

b) Sufficient data? No

c) Reasonable? —

d) Field check needed? YES

15. In your judgment, can the proposed work be done in the proposed time? PROJECT NOT OUTLINED

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Check feasibility of proposed work and possibility of obtaining diamond drill core from the place. Obtain more information from the applicant's consultant of occurrence and fully covered in the report. There is a question as to the feasibility of driving a long crosscut so deep beneath bottom levels without more geological information concerning the veins and oreshoots.

J B Bowen

Reviewed by: [illegible]

C G Johnson

D B Macharen

Date 18 Jan 54

97692

So far this has been a gold-silver proposition. Bigfill ore report attached to application shows 530 Tons ore milled resulting in 82 Tons concentrate @ 460 oz Au; 3,578 oz Ag; 837 lbs (0.5%) Cu; 5,326 lbs (3.2%) Pb; 4,119 lbs (2.5%) Zn. — 30 tons crude ore shipped @ 105 oz Au; 510 oz Ag; 187 lbs (0.3%) Cu; 765 lbs (1.27%) Pb, 540 lbs (.9%) Zn. Suggest Field Team decide whether or not drilling rather than 3500 ft X-cut is in order

Mr. Gowen

Seattle, Washington
June 15, 1951

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

Gentlemen: Subject DMA-1355X

Attention of Mr. J. D. Gowen,
Copper Branch

This letter is to advise you that if this exploration loan is made by the Government for $25,000, that the funds to match this loan will be available to R. G. Amidon & Company.

Will you kindly advise the writer at Baker Oregon, Hotel Baker, if the inspection will be made by the Bureau of Mines engineers out of Spokane through the R.F.C. offices at Portland, Oregon, and mail copy of letter to Hotel Vance, Seattle 1, Washington.

Yours very truly,

R. G. AMIDON & COMPANY

By R. G. Amidon
President

RGA/B

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 8 1951
LANDON F. STROBEL
Executive Secretary

FILE COPY
SURNAME:

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

June 7, 1951

Mr. R. G. Amidon
President
R. G. Amidon & Co.
Granite, Oregon

Subject: DMA-1355X
Re: Exploration Loan
Buffalo Mine

My dear Mr. Amidon:

Receipt is acknowledged of your application and attachments of May 23, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1355X and was referred to Mr. J. B. Gowen, Chief, Copper Branch on May 31, 1951.

In any future correspondence, relating to your application, kindly refer to DMA-1355X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
√Files
Bowen
Lyon

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1355X

Date received 7/27/51

Participation

R. G. [illegible] & Co.
[illegible]
[illegible]

Name and address of applicant

Date May 23, 1951

FILL IN THIS BLOCK

Date of application May 23, 1951

Estimated cost $50,000.00

Mineral or metal Copper-Lead-Zinc-Gold & Silver

Percentage of Government participation $25,000.00

Location of mine [illegible] Iron Granite, Oregon

Date of filing MF-100

DMA Docket Number, if available DMA-1355X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

---------- By ----------
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma-1355X

Date received 7/29/51

R. G. AMIDON & COMPANY
GRANITE
OREGON

Name and address of applicant

Date May 23, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, ~~(4) Necessity Certificate pursuant to the provisions of Sec. 124(b) (Amortization Deductions) of Internal Revenue Code, 1950~~ (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? copper-lead-zinc-gold-silver
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts. 75' crosscut from vein Tillicum
   (*c*) Linear feet of tunnels or adits. 200' (tunnel adit on vein) Mine
   (*d*) Linear feet of other mine openings (explain briefly). See letter
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. Tunnel open.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 46 miles from Baker, Oregon
   (*b*) Mining district. Granite Mining District
   (*c*) Township, Section, Range.
   (*d*) County, State. Grant County, Oregon
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. Not operating now
   (*b*) Are you operating this property as:
   - ☒ Owner. R. G. Amidon & Company, Owner, 6 Tillicum Lode Claims
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production 1 year by R. G. Amidon & Company
   If not in production or operation, estimated date when production will begin July 15, 1951
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. R. G. Amidon, President & Manager, has been mining past 32 years.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. Working lease on Buffalo Mine - winter months
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
R. G. [illegible]	Pres. & Mgr.	1,000.	65,000.	300	-	-	-
Agnes C. [illegible]	Secretary	-	3,500	53	-	-	-
Joseph [illegible]	Stockholder	-	35,000	10	-	-	-
Carl W. [illegible]	"	-	25,000	10	-	-	-
Frank H. [illegible]	"	-	400,000	25	-	-	-
	Total	1,000	x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock 500 shares	$50,000	$ 17,100	$ 100.00	171	-
Preferred stock -	$ -	$ -	$ -	-	-

*Indicate period covered.

10. Production: [illegible] cre production from Million tunnel.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)				[illegible] 450 tons	200 tons
2. Quantity of product processed (specify unit of measure and type of process)				Flot. conc.	-
3. Quantity and grade of product sold or shipped (specify units of measure)				5 tons	-

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Yes, operating on [illegible] - Million - one shift [illegible] round, one shift each round

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Vein in [illegible] adit tunnel now in granite formation

Vein continues in Antrim slate formation (90% estimated)

16—63792-1

(b) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved) 200'	450		$12.00	$10.00	$ 6.00
Indicated (probable) 4,000'	1,200,000		20.00	16.00	5.00

(c) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. 56 miles good road to Baker, Oregon

14. Water Supply: [illegible] - all year

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: Electric power line crosses over Gilliam Tunnel 75'

State amount of power used, rate per hour, and source thereof. California Pacific Utilities Co.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period. 2 miners, 2 muckers, 1 tramer, 1 millman, 1 truck man, 1 supt. (one shift)

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation. small compressor, 1 Gaster drill, [illegible] drill, now on hand

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

R. G. A[illegible] Co.
(Name of company)

By R. G. Amidon
(Signature of authorized official)

May 23, 1951
(Date)

President & Manager
(Title)

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—63792-1

James Boyd, Administrator
Defense Minerals Administrator
Washington 25, D. C.

Dear Sir:

General Technical Data, R.G.Amidon & Company,
Tillicum Adit Tunnel Project, Grant County, Oregon

1. Materials produced
   (a) Copper, lead, zinc, gold and silver
   (b) No by products, except silica if shipped to Tacoma Smelter as flux for their copper-gold concentrates - Holden Copper, Washington Mine

2. Name(s) and type(s) of mine(s) mill(s)
   (a) No shafts
   (b) 200' adit tunnel (Tillicum) on vein
   (c) 75' crosscut toward second vein at point 100' from portal of Tillicum adit tunnel
   (d) Buffalo Mine tunnel crosscut 200' below surface and 400' below surface which expose 4 lode veins, 4000' north of Tillicum adit tunnel. See map showing transit survey to Tillicum tunnel. From Buffalo with cross section map showing projection of these 4 lode veins to Tillicum at elevation 1000' below surface, at Buffalo claim south end line.

The proposed extension of Tillicum adit tunnel to Buffalo claim line will open up all 4 Buffalo veins but will produce ore as work advances to argilite slate formation where previous wall rock formation produced high grade shipping ore, over $200 per ton.

There is no pumping problem. The Tillicum adit tunnel has been retimbered, track laid, and ready for new work on vein at face. A rich shoot of ore now exposed on surface will be cut in Tillicum adit tunnel in the next 150' of new work. Size of tunnel 6' wide, 7' high. Vein exposed a few inches thick to 3'. A ton ore car - Timkin bearings - with good steel rails, is now used in tunnel. The Granite Creek, pure water, runs below tunnel, furnishing water for all purposes. The main line (electric power of the California-Pacific Utilities Co.) crosses Tillicum tunnel 75' above portal of tunnel, requiring only suitable transformers to run small compressor for drilling purposes.

There are suitable houses available for crew at Independence Cougar Mine, 1/4 mile away. No one living there except caretaker as all machinery, tools and equipment were sold and moved last summer.

Tillicum tunnel will open and expose slate formation on this vein approximately 1000' from portal of tunnel, which is in Granite formation showing "mill ore" values.

It is contemplated to haul the ore to the Buffalo Flotation Mill, 1-1/2 miles from Tillicum over good road, that is mined at the Tillicum property for making flotation concentrates.

3. (a) Distance and direction from nearest town and shipping point.
   Postoffice at Granite, 4 miles away.
   Main railroad, Union Pacific, at Baker, Oregon, 46 miles away.
   Northern Pacific Railroad at Pendleton, Oregon, over land 100 miles away. Can be used during summer months to haul ore or concentrates to Tacoma or Bunker Hill Smelters; at Baker, Oregon road open year around, to Salt Lake Smelters by truck or all three smelters by railroad.
   (b) Mining District - Granite Mining District.
   (c) Township SW 1/4 - Sec. 14, T. 8 S. R. 35-1/2 E. 4 miles north of Granite.
   (d) Grant County, Oregon.

4. (a) R. G. Amidon & Company had a lease on Buffalo Mine up to April 15, 1951; now closed down as lease was cancelled by owner. However plans are contemplated to purchase Buffalo Mine, Mill, Powerline, to join with the Boston patented claim, south, and Tillicum claims, if this loan is secured, to develop the Buffalo Mine through the Tillicum adit tunnel. The Tillicum tunnel work is now shut down until loan is secured by R. G. Amidon & Company.

(b) Operating lease on Buffalo Mine on royalty basis until cancelled out by Owner - (10% royalty) No Bond Price.

Operating Tillicum group as owner, by R. G. Amidon & Co.

(c) The Buffalo Mine has been operated by R. G. Amidon, as "superintendent" and as "lessee", for many years starting first in 1928 to 1935; again in 1946 to April 15, 1951. Over one million dollars in ore and concentrates have been produced from the 4 veins in Buffalo claim, and R. G. Amidon as superintendent and as lessee has produced $600,000 of this sum.

The Tillicum tunnel work was suspended during the years when no assessment work was required. The required assessment work was done in 1950.

Production on Tillicum tunnel will begin on or before July 15, 1951 to comply with assessment work requirements, and loan, if secured.

6. R. G. Amidon has been operating properties in Oregon and Alaska as Superintendent or manager the past 30 years, and will supervise the Tillicum tunnel project if loan is made.

7. History. Previous development of these 4 Buffalo veins from 400' level to the surface in Buffalo claim provided the confidence to explore the same veins at 1000' below the surface in this Tillicum adit tunnel, it being proposed to crosscut for the other 3 veins when shipping ore is exposed in this one vein to open 4 faces of ore to work on to a distance of 1500' to come into the Boston patented claim, and from there into the Buffalo claim, provided the purchase of the Buffalo Mine property has been accomplished prior to that time. 2 years estimated.

Reasons for cancellation of R. G. Amidon & Company lease was desire to sell property for cash on strength of high grade ore represented by flotation concentrates shipped from July 17, 1950 to January 1, 1951 (copy of metals shown on Bureau of Mines report enclosed from smelter returns sent to San Francisco office, U. S. Bureau of Mines-1950).

The last operation was on ore from the No. 4 vein, close to upper level. The Buffalo Mine has been the only producing gold-silver-copper-lead-zinc mine in Eastern Oregon since 1945. All other mines closed by Government Order L208 failed to reopen. The Cougar Independence Mine which had produced prior to L208 has been abandoned as far as mining operation is concerned, having sold and removed their mill and machinery last summer.

Mr. D. W. Hewett, Government Geologist, informed R. G. Amidon that the Buffalo veins were "true fissure veins" and would go to great depth, and with higher percentage of the lead-copper and zinc, without dimunition in gold and silver values, when he examined the Buffalo Mine while in this section of the country and when R. G. Amidon was on the property as superintendent of Buffalo Mine.

The private reports by other engineers were not available to the lessee, but the names of the most capable are L. A. Levensaler, now living in San Francisco, and Harry Townsend of Seattle, Washington, both of whom have been on the property more than once over years of time.

The writer met D. W. Hewett at the A.I.M.E. convention in San Francisco 2 years ago, and informed him we were going to prove his theory on the Buffalo veins through the Tillicum adit tunnel and see if we could get the higher percentage of copper-lead and zinc on these 4 veins at 1000' below the surface when into the Tillicum, Boston and Buffalo claims. He expressed the same opinion, "that the ore would be more base, but better percentage of the metals than found in the Buffalo veins above in their 2 tunnels." On his advice and opinion we are doing this tunnel work and making application for the $25,000 loan by the Defense Production Act of 1950.

Yours truly,

R. G. AMIDON & COMPANY

By R. G. Amidon
R. G. Amidon, President

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTER R

DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma-1355X

Date received 5/29/51

Participation

R. G. AMIDON & CO.

GRANITE

OREGON

Name and address of applicant

Date May 23, 1951

FILL IN THIS BLOCK

Date of application May 23, 1951

Estimated cost $50,000.00

Mineral or metal Copper-Lead-Zinc-Gold & Silver

Percentage of Government participation $25,000.00

Location of mine 4 miles from Granite, Oregon

Date of filing MF-100

DMA Docket Number, if available dma-1355X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

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*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property?

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

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NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

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16—64067-1

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(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

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(*a*) If mine is in production, furnish the following information:

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(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

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(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

---------- (Name of company)

By ---------- (Signature of authorized official)

---------- (Date)

---------- (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma-1355X

Date received 5/29/51

Participation

R. G. ANDON & CO.
GRANITE
OREGON

Name and address of applicant

Date May 23, 1951

FILL IN THIS BLOCK

Date of application May 23, 1951

Estimated cost $50,000.00

Mineral or metal Copper-Lead-Zinc-Gold & Silver

Percentage of Government participation $25,000.00

Location of mine 4 miles from Granite, Oregon

Date of filing MF-100

DMA Docket Number, if available dma-1355V

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

---------- By ----------
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1355X

Date received 5/29/51

Participation

R. G. ANDON & CO.
GRANITE
OREGON

Name and address of applicant

Date May 23, 1951

FILL IN THIS BLOCK

Date of application May 23, 1951

Estimated cost $50,000.00

Mineral or metal Copper-Lead-Zinc-Gold & Silver

Percentage of Government participation $25,000.00

Location of mine 4 miles from Granite, Oregon

Date of filing MF-100

DMA Docket Number, if available DMA-1355X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

---------- (Name of company)

By ---------- (Signature of authorized official)

---------- (Date)

---------- (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-100
(March 1951)

U.S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmm-1355X

Date received 5/29/51

R. G. AMIDON & COMPANY
GRANITE
OREGON

Name and address of applicant

Date May 23, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5)~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? copper-lead, zinc-gold-silver.
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include ~~old~~ names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts. 75' crosscut from vein Tillicum
   (*c*) Linear feet of tunnels or adits. 200'(tunnel adit on vein) Mine
   (*d*) Linear feet of other mine openings (explain briefly). See letter

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. Tunnel open.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 46 miles from Baker, Oregon
   (*b*) Mining district. Granite Mining District
   (*c*) Township, Section, Range.
   (*d*) County, State. Grant County, Oregon
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. Not operating now
   (*b*) Are you operating this property as:
   - [X] Owner. R.G.Amidon & Company, Owner, 6 Tillicum Lode Claims
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production 1 year by R. G. Amidon & Company

   If not in production or operation, estimated date when production will begin July 15, 1951
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. R.G.Amidon, President & Manager, has been mining past 32 years.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. working lease on Buffalo Mine-winter months
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Net Cash Surrender Value After Loans (h)
R. G. AMIDON	Pres.& Mgr.	$1,000.	$5,000.	300	-	-	-
AGNES C. McHUGH	Secretary	-	3,500	53	-	-	-
JOSEPH GOLDSBURG	Stockholder	-	35,000	10	-	-	-
CARL W. LIND	"	-	25,000	10	-	-	-
FRANK M. MAPES	"	-	400,000	25	-	-	-
	Total	$1,000	x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock 500 shares	$50,000	$ 47,400	$ 100.00	474	-
Preferred stock -	$ -	$ -	$ -	-	-

*Indicate period covered.

10. Production: small mill ore production from Tillicum tunnel.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)				Mill tonnage 450 tons	100 tons
2. Quantity of product processed (specify unit of measure and type of process)				Flot.conc.	-
3. Quantity and grade of product sold or shipped (specify units of measure)				5 tons	-

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Yes, operating on drift - Tillicum - one shift drill round, one shift muck round

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Vein in Tillicum adit tunnel now in granite formation

16—63792-1

Vein continued to Artilite slate formation (600' estimated)

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved) 200'	450		$12.00	$10.00	$ 6.00
Indicated (probable) 4,000'	1,200,000		20.00	16.00	5.00

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. 56 miles good road to Baker, Oregon

14. Water Supply: Ample - all year

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: Electric power line crosses over Tillicum Tunnel 75'

State amount of power used, rate per hour, and source thereof. California Pacific Utilities Co.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period. 2 miners, 2 muckers, 1 trammer, 1 millman, 1 truck man, 1 supt. (one shift)

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation. small compressor, 1 drifter drill, 1 stoper drill, now on hand

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

R. G. AMIDON & CO.
(Name of company)

By R. G. Amidon
(Signature of authorized official)

May 23, 1951
(Date)

President & Manager
(Title)

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—63792-1

Form MF-100
(March 1951)

U.S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA-1355X

Date received 7/29/51

R. G. AMIDON & COMPANY
GRANITE
OREGON

Name and address of applicant

Date May 23, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, ~~(4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950~~, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? copper-lead, zonc-gold-silver
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts. 75' crosscut from vein Tillicum
   (*c*) Linear feet of tunnels or adits. 200' (tunnel adit on vein) Mine
   (*d*) Linear feet of other mine openings (explain briefly). See letter
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. Tunnel open.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 46 miles from Baker, Oregon
   (*b*) Mining district. Granite Mining District
   (*c*) Township, Section, Range.
   (*d*) County, State. Grant County, Oregon
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. Not operating now
   (*b*) Are you operating this property as:
   ☒ Owner. R.G.Amidon & Company, Owner, 6 Tillicum Lode Claims
   ☐ Lessee.
   ☐ Contractor.
5. Number of years in production 1 year by R. G. Amidon & Company
   If not in production or operation, estimated date when production will begin July 15, 1951
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. R.G.Amidon, President & Manager, has been mining past 32 years.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. working lease on Buffalo Mine - winter months
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
R. G. AMIDON	Pres.& Mgr.	$1,000.	$5,000.	300	-	-	-
AGNES C. McHUGH	Secretary	-	3,500	53	-	-	-
JOSEPH GOLDSBURG	Stockholder	-	35,000	10	-	-	-
CARL W. LIND	"	-	25,000	10	-	-	-
FRANK M. MAPES	"	-	400,000	25	-	-	-
	Total	$1,000	x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock 500 shares	$50,000	$ 47,400	$ 100.00	474	-
Preferred stock -	$ -	$ -	$ -	-	-

*Indicate period covered.

10. Production: small mill ore production from Tillicum tunnel.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)				Mill tonnage 450 tons	100 tons
2. Quantity of product processed (specify unit of measure and type of process)				Flot.conc.	-
3. Quantity and grade of product sold or shipped (specify units of measure)				5 tons	-

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Yes, operating on drift - Tillicum - one shift drill round, one shift muck round

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Vein in Tillicum adit tunnel now in granite formation

16—63792-1

Vein continued to Artilite slate formation (600' estimated)

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved) 200'	450		$12.00	$10.00	$ 6.00
Indicated (probable) 4,000'	1,200,000		20.00	16.00	5.00

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. 56 miles good road to Baker, Oregon

14. Water Supply: Ample - all year

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: Electric power line crosses over Tillicum Tunnel 75'

State amount of power used, rate per hour, and source thereof. California Pacific Utilities Co.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period. 2 miners, 2 muckers, 1 trammer, 1 millman, 1 truck man, 1 supt. (one shift)

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation. small compressor, 1 drifter drill, 1 stoper drill, now on hand

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

R. G. AMIDON & CO.
(Name of company)

By R. G. Amidon
(Signature of authorized official)

May 23, 1951
(Date)

President & Manager
(Title)

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—63792-1

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA-1355X

Date received 5/29/51

R. G. AMIDON & COMPANY
GRANTS
OREGON

Name and address of applicant

Date May 23, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, ~~(4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950~~, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? copper-lead-zinc-gold-silver
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts. 75' crosscut from vein Tillicum
   (*c*) Linear feet of tunnels or adits. 200' (tunnel adit on vein) Mine
   (*d*) Linear feet of other mine openings (explain briefly). See letter Tunnel open.

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 16 miles from Baker, Oregon
   (*b*) Mining district. Cable Mining District
   (*c*) Township, Section, Range.
   (*d*) County, State. Baker County, Oregon
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. Not operating now
   (*b*) Are you operating this property as:
   - ☒ Owner. R. G. Amidon & Company, Owner, 6 Tillicum Lode Claims
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production 1 year by R. G. Amidon & Company
   If not in production or operation, estimated date when production will begin July 15, 1951
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. R. G. Amidon, President & Manager, has been mining past 32 years.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. working lease on Buffalo Mine - winter months
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
R. G. ALDON	Pres.& Mgr.	$1,000.	$5,000.	300	-	-	-
AGNES C. McLUGH	Secretary	-	3,500	53	-	-	-
JOSEPH GOLDSTEIN	Stockholder	-	35,000	10	-	-	-
CARL W. LEND	"	-	25,000	10	-	-	-
FRANK M. HARRIS	"	-	400,000	25	-	-	-
	Total	$1,000	x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock 500 shares	$50,000	$ 47,400	$ 100.00	474	-
Preferred stock -	$ -	$ -	$ -	-	-

*Indicate period covered.

10. Production: small mill ore production from Tillicum tunnel.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)				Mill tonnage 450 tons	100 tons
2. Quantity of product processed (specify unit of measure and type of process)				Flot.conc.	-
3. Quantity and grade of product sold or shipped (specify units of measure)				5 tons	-

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. Yes, operating on drift - Tillicum - one shift drill round, one shift muck round

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Vein in Tillicum adit tunnel now in granite formation

16—63792-1

Vein calcites in Artifice Slate Formation (600' estimated)

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved) 200'	450		$12.00	$10.00	$ 6.00
Indicated (probable) 4,000'	1,200,000		20.00	16.00	5.00

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. 56 miles good road to Baker, Oregon

14. Water Supply: Ample - all year

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: Electric power line crosses over Trillicum Tunnel 75'

State amount of power used, rate per hour, and source thereof. California Pacific Utilities Co.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period. 2 miners, 2 muckers, 1 trammer, 1 millman, 1 truck man, 1 supt. (one shift)

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation. small compressor, 1 drifter drill, 1 stoper drill, now on hand

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

R. G. AMDON & CO.
(Name of company)

By R. G. Amdon
(Signature of authorized official)

May 23, 1951
(Date)

President & Manager
(Title)

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—63792-1

James Boyd, Administrator
Defense Minerals Administrator
Washington 25, D. C.

Dear Sir:

General Technical Data, R.G.Amidon & Company,
Tillicum Adit Tunnel Project, Grant County, Oregon

1. Materials produced
   (a) Copper, lead, zinc, gold and silver
   (b) No by products, except silica if shipped to Tacoma Smelter as flux for their copper-gold concentrates - Holden Copper, Washington Mine

2. Name(s) and type(s) of mine(s) mill(s)
   (a) No shafts
   (b) 200' adit tunnel (Tillicum) on vein
   (c) 75' crosscut toward second vein at point 100' from portal of Tillicum adit tunnel
   (d) Buffalo Mine tunnel crosscut 200' below surface and 400' below surface which expose 4 lode veins, 4000' north of Tillicum adit tunnel. See map showing transit survey to Tillicum tunnel. From Buffalo with cross section map showing projection of these 4 lode veins to Tillicum at elevation 1000' below surface, at Buffalo claim south end line.

The proposed extension of Tillicum adit tunnel to Buffalo claim line will open up all 4 Buffalo veins but will produce ore as work advances to argilite slate formation where previous wall rock formation produced high grade shipping ore, over $200 per ton.

There is no pumping problem. The Tillicum adit tunnel has been retimbered, track laid, and ready for new work on vein at face. A rich shoot of ore now exposed on surface will be cut in Tillicum adit tunnel in the next 150' of new work. Size of tunnel 6' wide, 7' high. Vein exposed a few inches thick to 3'. A ton ore car - Timkin bearings - with good steel rails, is now used in tunnel. The Granite Creek, pure water, runs below tunnel, furnishing water for all purposes. The main line (electric power of the California-Pacific Utilities Co.) crosses Tillicum tunnel 75' above portal of tunnel, requiring only suitable transformers to run small compressor for drilling purposes.

There are suitable houses available for crew at Independence Cougar Mine, 1/4 mile away. No one living there except caretaker as all machinery, tools and equipment were sold and moved last summer.

Tillicum tunnel will open and expose slate formation on this vein approximately 1000' from portal of tunnel, which is in Granite formation showing "mill ore" values.

It is contemplated to haul the ore to the Buffalo Flotation Mill, 1-1/2 miles from Tillicum over good road, that is mined at the Tillicum property for making flotation concentrates.

3. (a) Distance and direction from nearest town and shipping point.
   Postoffice at Granite, 4 miles away.
   Main railroad, Union Pacific, at Baker, Oregon, 46 miles away.
   Northern Pacific Railroad at Pendleton, Oregon, over land 100 miles away. Can be used during summer months to haul ore or concentrates to Tacoma or Bunker Hill Smelters; at Baker, Oregon road open year around, to Salt Lake Smelters by truck or all three smelters by railroad.
   (b) Mining District - Granite Mining District.
   (c) Township SW 1/4 - Sec. 14, T. 8 S. R. 35-1/2 E. 4 miles north of Granite.
   (d) Grant County, Oregon.

4. (a) R. G. Amidon & Company had a lease on Buffalo Mine up to April 15, 1951; now closed down as lease was cancelled by owner. However plans are contemplated to purchase Buffalo Mine, Mill, Powerline, to join with the Boston patented claim, south, and Tillicum claims, if this loan is secured, to develop the Buffalo Mine through the Tillicum adit tunnel. The Tillicum tunnel work is now shut down until loan is secured by R. G. Amidon & Company.

(b) Operating lease on Buffalo Mine on royalty basis until cancelled out by Owner - (10% royalty) No Bond Price.
Operating Tillicum group as owner, by R. G. Amidon & Co.

(c) The Buffalo Mine has been operated by R. G. Amidon, as "superintendent" and as "Lessee", for many years starting first in 1928 to 1935; again in 1946 to April 15, 1951. Over one million dollars in ore and concentrates have been produced from the 4 veins in Buffalo claim, and R. G. Amidon as superintendent and as lessee has produced $600,000 of this sum.

The Tillicum tunnel work was suspended during the years when no assessment work was required. The required assessment work was done in 1950.

Production on Tillicum tunnel will begin on or before July 15, 1951 to comply with assessment work requirements, and loan, if secured.

6. R. G. Amidon has been operating properties in Oregon and Alaska as Superintendent or manager the past 30 years, and will supervise the Tillicum tunnel project if loan is made.

7. History. Previous development of these 4 Buffalo veins from 400' level to the surface in Buffalo claim provided the confidence to explore the same veins at 1000' below the surface in this Tillicum adit tunnel, it being proposed to crosscut for the other 3 veins when shipping ore is exposed in this one vein to open 4 faces of ore to work on to a distance of 1500' to come into the Boston patented claim, and from there into the Buffalo claim, provided the purchase of the Buffalo Mine property has been accomplished prior to that time. 2 years estimated.

Reasons for cancellation of R. G. Amidon & Company lease was desire to sell property for cash on strength of high grade ore represented by flotation concentrates shipped from July 17, 1950 to January 1, 1951 (copy of metals shown on Bureau of Mines report enclosed from smelter returns sent to San Francisco office, U. S. Bureau of Mines-1950).

The last operation was on ore from the No. 4 vein, close to upper level. The Buffalo Mine has been the only producing gold-silver-copper-lead-zinc mine in Eastern Oregon since 1945. All other mines closed by Government Order L208 failed to reopen. The Cougar Independence Mine which had produced prior to L208 has been abandoned as far as mining operation is concerned, having sold and removed their mill and machinery last summer.

Mr. D. W. Hewett, Government Geologist, informed R. G. Amidon that the Buffalo veins were "true fissure veins" and would go to great depth, and with higher percentage of the lead-copper and zinc, without dimunition in gold and silver values, when he examined the Buffalo Mine while in this section of the country and when R. G. Amidon was on the property as superintendent of Buffalo Mine.

The private reports by other engineers were not available to the lessee, but the names of the most capable are L. A. Levensaler, now living in San Francisco, and Harry Townsend of Seattle, Washington, both of whom have been on the property more than once over years of time.

The writer met D. W. Hewett at the A.I.M.E. convention in San Francisco 2 years ago, and informed him we were going to prove his theory on the Buffalo veins through the Tillicum adit tunnel and see if we could get the higher percentage of copper-lead and zinc on these 4 veins at 1000' below the surface when into the Tillicum, Boston and Buffalo claims. He expressed the same opinion, "that the ore would be more base, but better percentage of the metals than found in the Buffalo veins above in their 2 tunnels." On his advice and opinion we are doing this tunnel work and making application for the $25,000 loan by the Defense Production Act of 1950.

Yours truly,

R. G. AMIDON & COMPANY

By R. G. Amidon
R. G. Amidon, President

James Boyd, Administrator
Defense Minerals Administrator
Washington 25, D. C.

Dear Sir:

General Technical Data, R.G.Amidon & Company,
Tillicum Adit Tunnel Project, Grant County, Oregon

1. Materials produced
   (a) Copper, lead, zinc, gold and silver
   (b) No by products, except silica if shipped to Tacoma Smelter as flux for their copper-gold concentrates - Holden Copper, Washington Mine

2. Name(s) and type(s) of mine(s) mill(s)
   (a) No shafts
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   (b) Mining District - Granite Mining District.
   (c) Township SW 1/4 - Sec. 14, T. 8 S. R. 35-1/2 E. 4 miles north of Granite.
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Yours truly,

R. G. AMIDON & COMPANY

By R. G. Amidon
R. G. Amidon, President

James Boyd, Administrator
Defense Minerals Administrator
Washington 25, D. C.

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General Technical Data, R.G.Amidon & Company,
Tillicum Adit Tunnel Project, Grant County, Oregon

1. Materials produced
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It is contemplated to haul the ore to the Buffalo Flotation Mill, 1-1/2 miles from Tillicum over good road, that is mined at the Tillicum property for making flotation concentrates.

3. (a) Distance and direction from nearest town and shipping point.
   Postoffice at Granite, 4 miles away.
   Main railroad, Union Pacific, at Baker, Oregon, 46 miles away.
   Northern Pacific Railroad at Pendleton, Oregon, over land 100 miles away. Can be used during summer months to haul ore or concentrates to Tacoma or Bunker Hill Smelters; at Baker, Oregon road open year around, to Salt Lake Smelters by truck or all three smelters by railroad.
   (b) Mining District - Granite Mining District.
   (c) Township SW 1/4 - Sec. 14, T. 8 S. R. 35-1/2 E. 4 miles north of Granite.
   (d) Grant County, Oregon.

4. (a) R. G. Amidon & Company had a lease on Buffalo Mine up to April 15, 1951; now closed down as lease was cancelled by owner. However plans are contemplated to purchase Buffalo Mine, Mill, Powerline, to join with the Boston patented claim, south, and Tillicum claims, if this loan is secured, to develop the Buffalo Mine through the Tillicum adit tunnel. The Tillicum tunnel work is now shut down until loan is secured by R. G. Amidon & Company.

(b) Operating lease on Buffalo Mine on royalty basis until cancelled out by Owner - (10% royalty) No Bond Price.
Operating Tillicum group as owner, by R. G. Amidon & Co.

(c) The Buffalo Mine has been operated by R. G. Amidon, as "superintendent" and as "Lessee", for many years starting first in 1928 to 1935; again in 1946 to April 15, 1951. Over one million dollars in ore and concentrates have been produced from the 4 veins in Buffalo claim, and R. G. Amidon as superintendent and as lessee has produced $600,000 of this sum.

The Tillicum tunnel work was suspended during the years when no assessment work was required. The required assessment work was done in 1950.

Production on Tillicum tunnel will begin on or before July 15, 1951 to comply with assessment work requirements, and loan, if secured.

6. R. G. Amidon has been operating properties in Oregon and Alaska as Superintendent or manager the past 30 years, and will supervise the Tillicum tunnel project if loan is made.

7. History. Previous development of these 4 Buffalo veins from 400' level to the surface in Buffalo claim provided the confidence to explore the same veins at 1000' below the surface in this Tillicum adit tunnel, it being proposed to crosscut for the other 3 veins when shipping ore is exposed in this one vein to open 4 faces of ore to work on to a distance of 1500' to come into the Boston patented claim, and from there into the Buffalo claim, provided the purchase of the Buffalo Mine property has been accomplished prior to that time. 2 years estimated.

Reasons for cancellation of R. G. Amidon & Company lease was desire to sell property for cash on strength of high grade ore represented by flotation concentrates shipped from July 17, 1950 to January 1, 1951 (copy of metals shown on Bureau of Mines report enclosed from smelter returns sent to San Francisco office, U. S. Bureau of Mines-1950).

The last operation was on ore from the No. 4 vein, close to upper level. The Buffalo Mine has been the only producing gold-silver-copper-lead-zinc mine in Eastern Oregon since 1945. All other mines closed by Government Order L208 failed to reopen. The Cougar Independence Mine which had produced prior to L208 has been abandoned as far as mining operation is concerned, having sold and removed their mill and machinery last summer.

Mr. D. W. Hewett, Government Geologist, informed R. G. Amidon that the Buffalo veins were "true fissure veins" and would go to great depth, and with higher percentage of the lead-copper and zinc, without dimunition in gold and silver values, when he examined the Buffalo Mine while in this section of the country and when R. G. Amidon was on the property as superintendent of Buffalo Mine.

The private reports by other engineers were not available to the lessee, but the names of the most capable are L. A. Levensaler, now living in San Francisco, and Harry Townsend of Seattle, Washington, both of whom have been on the property more than once over years of time.

The writer met D. W. Hewett at the A.I.M.E. convention in San Francisco 2 years ago, and informed him we were going to prove his theory on the Buffalo veins through the Tillicum adit tunnel and see if we could get the higher percentage of copper-lead and zinc on these 4 veins at 1000' below the surface when into the Tillicum, Boston and Buffalo claims. He expressed the same opinion, "that the ore would be more base, but better percentage of the metals than found in the Buffalo veins above in their 2 tunnels." On his advice and opinion we are doing this tunnel work and making application for the $25,000 loan by the Defense Production Act of 1950.

Yours truly,

R. G. AMIDON & COMPANY

By R. G. Amidon
R. G. Amidon, President