FILE COPY
SURNAME:

Bourret.

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

June 25, 1951

Memorandum

To: Landon F. Strobel, Executive Secretary

Through: Director, Supply Division

From: Minor and Rare Metals Branch

Subject: Rare Earths, Camas County, Idaho
DMA docket 1589x

Under date of May 28, 1951, Miss Ida Angel, Fairview, Idaho made an application for an exploration project, DMA docket 1589x, in the amount of $42,400 to explore a rare earth deposit in Camas County, Idaho.

Attached hereto please find letter of even date addressed to Miss Angel advising that her request is denied.

The various supporting documents and applications forms are attached as follows:

(a) Three copies form MF-103
(b) Letter from Mr. Weissenborn dated May 31, 1951
(c) Memo signed by Messrs Kline and VanAlstine dated June 13, 1951.

Weston Bourret, Chairman
Fissionable Materials Committee

Approved:

Wm Lyon
Director, Supply Division

WBourret/mh
cc: Adm. Read. File
Lyon
Strobel
Field Team II
Kline, Bluemont, Va.
VanAlstine
Bourret
Files

June 1951

858

FILE COPY
SURNAME:

Bourret

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

June 25, 1951

Miss Ida Angel
Fairfield, Idaho

Re: Rare Earths, Camas County, Idaho
DMA docket 1589x

Dear Miss Angel:

Your application of May 28, 1951 for an exploration project in the amount of $42,400 has been received by the Minor and Rare Metals Branch, Supply Division.

After careful review and consideration by the DMA and our field engineers I regret to advise that your application for an exploration project must be denied. Your proposed exploration program is not presented in a clear and consise manner and there is insufficient evidence of comercial mineralization presented in your application. For this reason I regret to advise that we cannot give further consideration to your proposal at this time.

Yours very truly,

Tom Lyon
Tom Lyon, Director
Supply Division

WBourret/mh
cc: Adm. Read. File
Lyon
Strobel
Field Team II
Kline, Bluemont, Va.
VanAlstine, USGS
Bourret
Files

DMA docket 1589

856

Rare earths

DMA-1589X
Ida Angel, Fairfield, Idaho

denial

No supporting data submitted proposing exploration program.

Weissenborn believes that unless the property is examined and an exploration program worked out with the applicant, it is not likely that we will get a feasible proposal that can be considered. This, to me, may be taken as grounds for turning the applicant down without further inquiry. Otherwise the field team might be in the awkward position of acting as consultant to the applicant and preparing an exploration program for approval here.

Van Alstine
6/18/51

6/19/51 - Cannot see how pay small, scattered tiny monitor placer lines, referred to by Engineering Grants etc can explore property. What is exploration program? Yardage and values are what we don't get in minerals!! Smithsonian [illegible] no more info??
In any case amount asked for exploration is ridiculous. DMA

FILE COPY
SURNAME:

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

June 15, 1951

Miss Ida Angel
Fairfield
Idaho

Subject: DMA-1589 X
Re: Exploration Loan -
$42,400 (Axolotel, etc.)

My dear Miss Angel:

Receipt is acknowledged of your application and attachments of May 28, 1951 for a Government loan under the Defense Production Act of 1950.

The application was assigned Docket Number 1589 X and referred to Mr. Weston Bourret, Acting Chief, Minor and Rare Metals Branch, on June 11, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1859 X.

Sincerely yours,

LANDON F. STROBEL

a. E. C.

Landon F. Strobel
Executive Secretary

LFSTROBEL/aec
cc: Strobel-2
Files
Mr. Bourret
Mr. 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 1589 X

Date received 6-5-51

Participation

Ida Angel
Fairfield, Idaho

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $42,400.00

Mineral or metal Strategic

Percentage of Government participation 90%

Location of mine Camas County
Idaho

Date of filing MF-100

DMA Docket Number, if available

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? Individual

*2. If a partnership, state names and addresses of partners. None

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. None

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. 30 years will engage services of experienced mining men

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing None

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. None

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)? in equipment yes

*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 Refer to attached copy

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 Refer to attached copy

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 Refer to attached copy

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.

Axolotel
(Name of company)

By Ida Angel
(Signature of authorized official)

May 28 '51
(Date)

Owner
(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

THE PROPERTY

10. (a) This is a placer mineral property, 7 group claims, 4 hundred twenty acres, situated in unorganized mining district upon the South Fork of the Boise River and Bear Creek in Camas County, State of Idaho being more particularly described as the-Axolotel, Crafter, King Tut's Cache, Ursus Mayor, King Solomons Wonder, Log Cabin, and Hill Side claims.

(b) Exploration work will be on the Axolotel and Ursus Mayor Claims, about 1000 feet from the junction of Bear Creek and South Boise River in north westerly direction upon the westerly slope of South Boise River.

11. The name of this Placer is called the Axolotel mines, former name, Crystal Gold Mining Co.

12. It is 35 miles north of Fairfield, Idaho, this is a small town on a branch line of the U.P.R.R.Co.,oiled roads from there to all parts of the U.S. roads from Fairfield to mine all gravel and in good condition to workings.

13. Have a decreed water right of 1000 miner inches which is available year round and sufficent for all our purposes to operate 2 Hydraulics all the time.

14. There is a ditch three quarters of a mile, one no. 2 Giant War used very little and cutting Giant in good condition and enough pipe for a line for the Hydraulic work, which carries 500 miner inches of water the year round, a three room cook house, including beds, stoves and complete cooking utensils to take care of 10 men.

15. The ore can very easily be hauled to R.R. or Dalton by truck a mill could be installed right on property very easily.

16. (a) After the buildings were completed, a ditch was built three quarters of mile to carry the water to the ground on High Bar which contains some 100 acres and also catching this same water for the lower ground making a two way working plan, very little operation and production was done for reason of disagreement between the locators.

(b) Joining this property on the west is the famous Mora Mines and Milling Co. a few miles further is the Red Horse Mine.

(c) In 1926 a Mr. Arville Scott, with Geo. A. Libby, San Francisco, Calif., made a thorough mine examination by drilling shafts and by 1927 he reported in his log (which has since disappeared) 16 million dollars valuation. In 1941 Mr. Geo. Hunting of Portland, Oregon tested the sands as that was what he seemed to be interested in most and the black sands went $500.00 per ton after all gold was taken out the gray sands tested $400.00. The gray sands in ground by quarts, this ground was found to run 1.25 per ~~ton~~ in gold. I sent a sample of Black sand to the Smithsonian Institute in Washington D.C., attached is a copy of their letter. A Geiger Counter has been used the last 2 years and showed radioactive material everywhere.

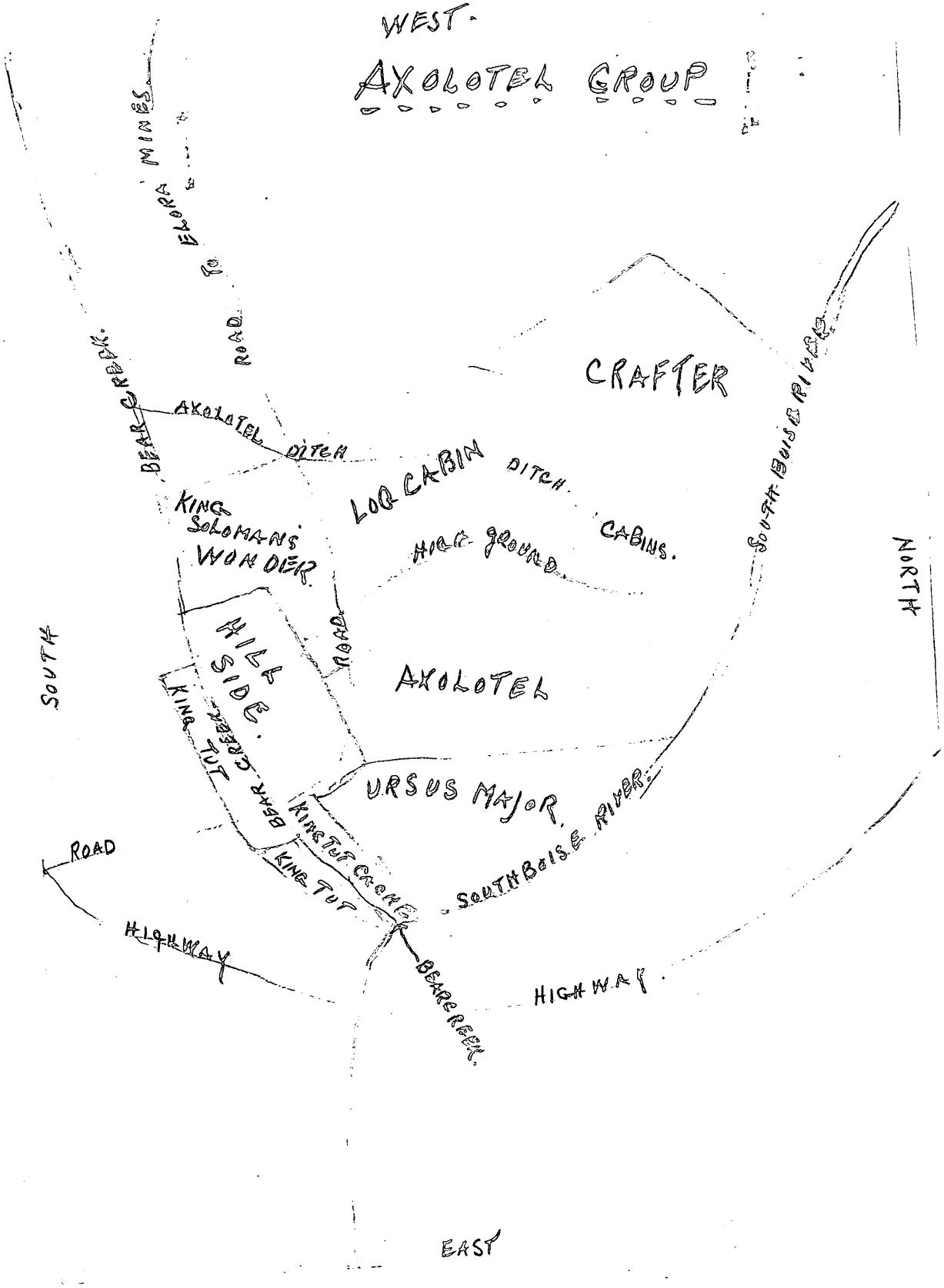
17. Not in a position at present.

18. (a) This is what they call an Old Channel Wash

there are some low places and high places about 200 acres are in Timber, gravel is fine, medium, and coarse, it has a few stumps and some big boulders which can be removed by either a Cat or Hydraulic Wash, 25 to 30 foot to Bedrock, Buckskin Bedrock, some rough not hard, medium soft, 2 foot overburden, no cement.

(b) For map refer to #22 no assay at this time.

(c) Four hundred twenty acres of Hudraulic ground estimated yardage of Fifty Million, Black Sand Value $ 50[illegible].00, Gray Sand Value $600.00.


WEST.
AXOLOTEL GROUP
TO ELDORA MINES
ROAD
BEAR CREEK
AXOLOTEL DITCH
CRAFTER
SOUTH BOISE RIVER
LOG CABIN DITCH
CABINS.
HIGH GROUND
KING SOLOMANS WONDER
HILL SIDE.
ROAD
AXOLOTEL
NORTH
SOUTH
KING TUT
BEAR CREEK
URSUS MAJOR
KING TUT CREEK
SOUTH BOISE RIVER.
ROAD
KING TUT
HIGHWAY
BEAR CREEK.
HIGHWAY
EAST

THE EXPLORATION

20. The Exploration would be conducted for these rare metals that are necessary and essential from various reports and indications the Black and Gray Sands carry plenty including Monazite with little development work to do.

21. Ditches should be put in order, cabins put in shape to care for men, a small caterpillar and a small saw mill.

Should be in production in 90 days.

Have no sample lists at this writing, a geologized map is hereon.

REQUIREMENTS COSTS

A Bulldozer.....$15,000.00

Saw Mill.....$10,000.00

Repair Housings and Ditches.....$ 2,000.00

5 Miners @ $400.00 per mo.
1 Forman @ $500.00 per mo.....$2,700.00 for 3 mo.$ 8,100.00
1 Cook @ $200.00 per mo.

Truck and Transportation.....$ 5,000.00

Materials.....$ 1,500.00

Gasoline.....$ 500.00

Hydraulic Giants and etc.....Rental, $100.00 per mo.

90 days after date this should be on a producing basis.

Gem

65500

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
Washington 25, D.C.

Miss Ida Angel
Fairfield
Idaho

June 21, 1950

Dear Miss Angel:

In response to your inquiry concerning a sample of black sand from Hailey, Idaho, the sample was received from Mr. Lorimer Angel on August 30, 1949, and a report was furnished Miss Angel on September 1, 1949. The report, by our mineralogist, Dr. E. V. Shannon, was as follows:

"The Museum has no exhibition for sandy for the precious metals, but the sand has been examined by our usual microscopic methods. The larger portion is magnetite which is readily extracted by a magnet. The non-magnetic residue of red garnet, colorless crystals of zircon, pale flakes of gold, and abundant grains of yellow crystals of cassiterite. This is the first black sand for I also which I have examined that contains an appreciable amount of cassiterite, a belt of scientific though not of commercial value. For the reason we would like to incorporate this sample in our reference collection and would appreciate any information that can be furnished regarding the locality from which it came."

The specimen is now included in our collection under our Catalog Number 91037.

Very truly yours,
W. F. Foshag
Head Curator
Department of Geology

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 1589 X

Date received 6-5-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

Ida Angel
Fairfield, Idaho

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $42,400.00

Mineral or metal Strategic

Percentage of Government participation 90%

Location of mine Camas County
Idaho

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual

*2. If a partnership, state names and addresses of partners. None

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*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. 30 years will engage services of experienced mining men

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

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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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State amount of power to be used, rate per hour or other cost, and source.

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	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
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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.

Axolotel
(Name of company)

By Ida Engel
(Signature of authorized official)

May 28. 51
(Date)

Owner
(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

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14. There is a ditch three quarters of a mile, one no. 2 Giant War used very little and cutting Giant in good condition and enough pipe for a line for the Hydraulic work, which carries 500 miner inches of water the year round, a three room cook house, including beds, stoves and complete cooking utensils to take care of 10 men.

Sec 33, T 5 N, R. 13 E

15. The Ore can very easily be hauled to R.R. or Smelter by truck a mill could be installed right on property very easily.

16. (a) After the buildings were completed, a ditch was built three quarters of mile to carry the water to the ground on High Bar which contains some 200 acres and also catching this same water for the lower ground making a two way working plan, very little operation and procuction was done for reason of disagreement between the locaters.

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17. Not in operation at present.

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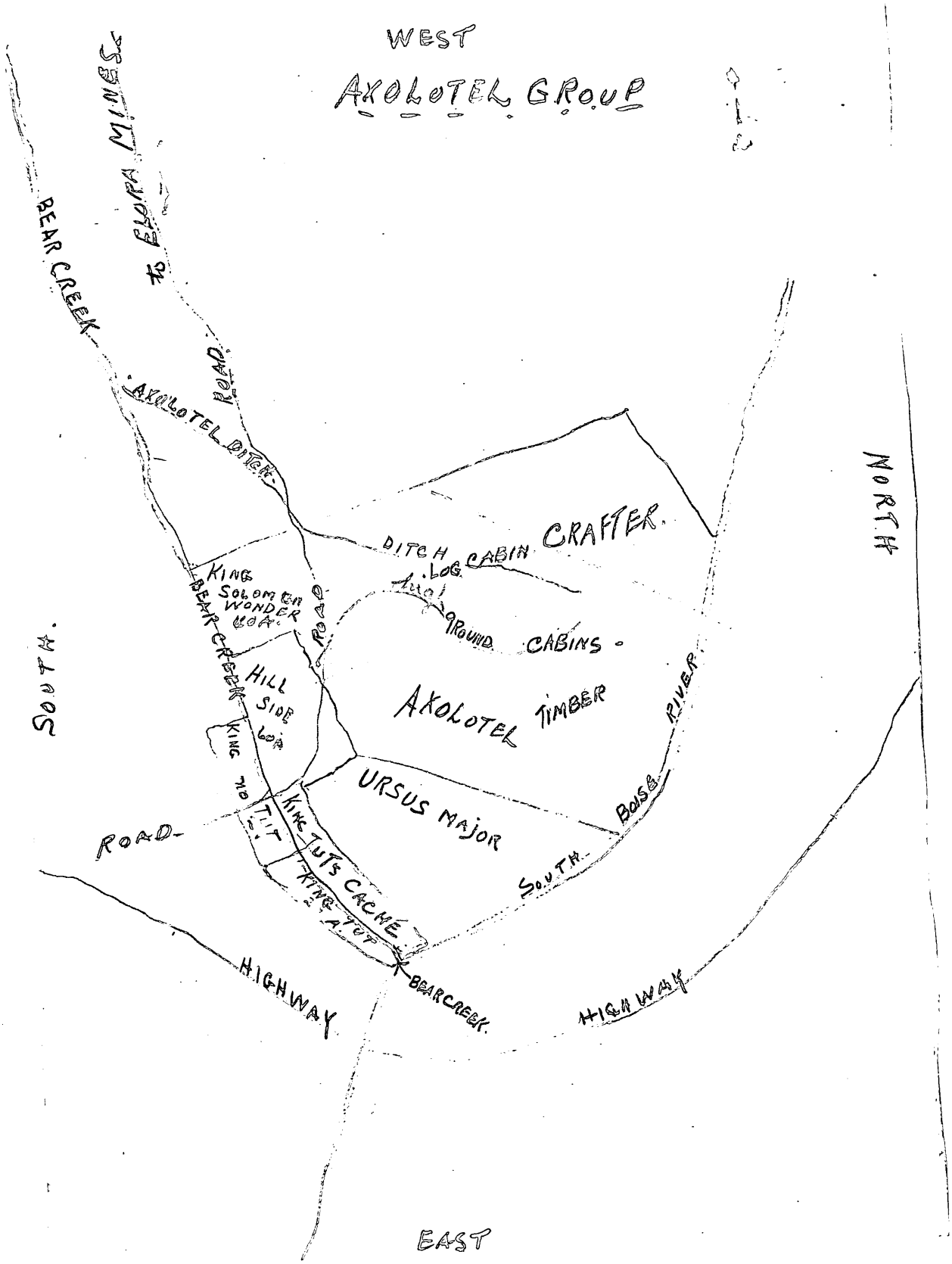
(b) For map refer to #22 no assay at this time.

(c) Four hundred twenty acres of Hudraulic ground estimated yardage of Fifty Million, Black Sand Value $ 500.00, Gray Sand Value $600.00.

Basis? Gold values?


WEST
AXOLOTEL GROUP
BEAR CREEK
TO ELORA MINES
ROAD
AXOLOTEL DITCH
NORTH
DITCH
LOG CABIN
CRAFTER
KING SOLOMON WONDER LOA.
ROAD
BEAR CREEK
GROUND CABINS
HILL SIDE LOA
AXOLOTEL TIMBER
RIVER
SOUTH
KING TUT
URSUS MAJOR
BOISE
ROAD
KING TUT'S CACHE
KING TOP
SOUTH
HIGHWAY
BEARCREEK
HIGHWAY
EAST

THE EXPLORATION

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Saw Mill.....$10,000.00

Repair Housings and Ditches.....$ 2,000.00

5 Miners @ $400.00 per mo.
1 Forman @ $500.00 per mo.....$2,700.00 for 3 mo.$ 8,100.00
1 Cook @ $200.00 per mo.

Truck and Transportation.....$ 5,000.00

Materials.....$ 1,500.00

Gasoline.....$ 500.00

Hydraulic Giants and etc.....Rental, $100.00 per mo.

90 days after date this should be on a producing basis.

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 1589X

Date received 6-5-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

Ida Angel
Fairfield, Idaho

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $42,400.00

Mineral or metal Strategic

Percentage of Government participation 90%

Location of mine Camas County

Idaho

Date of filing MF-100

DMA Docket Number, if available

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? Individual

*2. If a partnership, state names and addresses of partners. None

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. None

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. 30 years will engage services of experienced mining men

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. None

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. None

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)?

in equipment yes

*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 Refer to attached copy

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 Refer to attached copy

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 Refer to attached copy

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.

Axolotel
(Name of company)

By Ida Angel
(Signature of authorized ~~official~~)

May 28-57
(Date)

Owner
(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

THE PROPERTY.

10. (a) This is a placer mineral property, 7 (seven) claims, 4 hundred twenty acres, situated in unorganized mining district upon the South Fork of the Boise River and Deer Creek in Elmore County, State of Idaho being more particularly described as the-Aeolotol, Crusher, King Rat's Cache, Dewey Mayer, King Solomons Wonder, Log Cabin, and Hill side claims.

(b) Exploration work will be on the Aeolotol and Dewey Mayer Claims, about 1000 feet from the junction of Deer Creek and South Boise River in north westerly direction upon the westerly slope of South Boise River.

11. The name of this Placer is called the Aeolotol mines, former name, Crystal Gold Mining Co.

12. It is 35 miles north of Fairfield, Idaho, this is a small town on a branch line of the U.P.R.R.Co., called roads from there to all parts of the U.S. roads from Fairfield to mine all gravel and in good condition to workings.

13. Have a deeded water right of 1000 miner inches which is available year round and sufficient for all our purposes to operate 2 Hydraulics all the time.

14. There is a ditch three quarters of a mile, one mi. 2 Giant Ker used very little and cutting Giant in good condition and enough pipe for a line for the Hydraulic work, which carries 500 miner inches of water the year round, a three ro n cook house, including beds, stoves and complete cooking utensils to take care of 10 men.

15. The Ore can very easily be hauled to R.R. or Smelter by truck a mill could be installed right on property very easily.

16. (a) After the buildings were completed, a ditch was built three quarters of mile to carry the water to the ground on High Bar which contains some 200 acres and also catching this same water for the lower ground making a two way working plan, very little operation and procuction was done for reason of disagreement between the locaters.

(b) Joining this property on the west is the famous Elora Mines and Milling Co. a few miles farther is the Red Horse Mine.

(c) In 1926 a Mr. Archie Scott, with Chas. A. Libby, San Francisco, Calif., made a thorough mine examination by sinking shafts and by 1927 he reported in his log (which has since disappeared) 16 million dollars valuation. In 1941 Mr. Chas. Montag of Portland, Oregon tested the Sands as that was what he seemed to be interested in most and the black sands went $500.00 per ton after all gold was taken out the gray sands tested $600.00. The gray sands is ground up quartz, this ground was found to run 1.25 per yard in gold. I sent a sample of Black sand to the Smithsonian Insitiute in Washington D.C., attached is a copy of their letter. A Geiger Counter has been used the last 2 years and showed radioactive material everywhere.

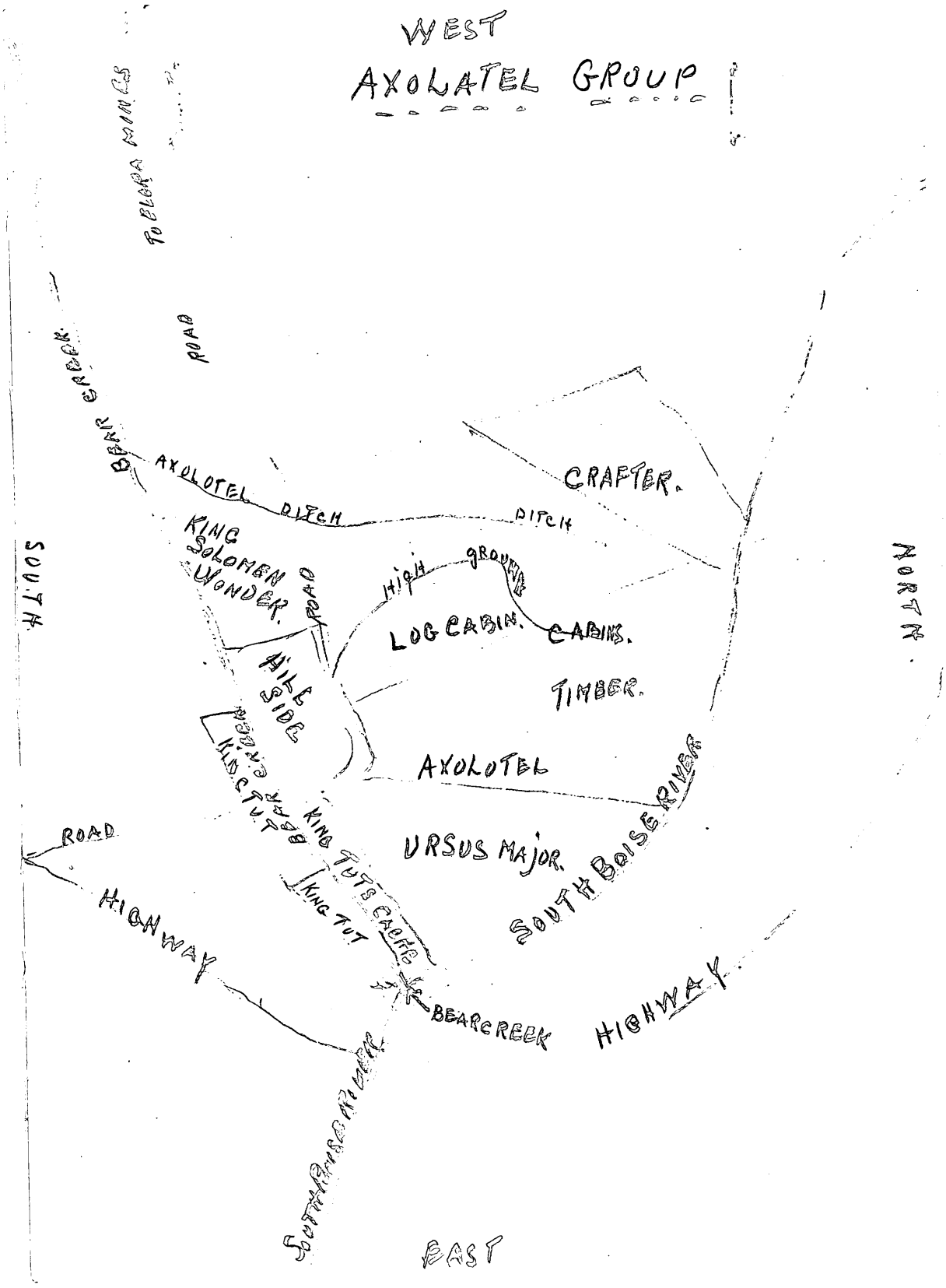
17. Not in operation at present.

18. (a) This is what they call an Old Channel Wash

there are some low places and high places about 200 acres are in timber, gravel is fine, medium, and coarse, it has a few stumps and some big boulders which can be removed by either a D.6 or Hydraulic Hoch, 25 to 30 feet to Bedrock, Decomposed Bedrock, some rough not hard, medium soft, 2 foot overburden, no cement.

(b) Not map refer to C22 no copy at this time.

(c) Four hundred twenty acres of Hydraulic ground estimated yardage of Fifty Million, Black Sand Value $ 50.00, Gray Sand Value $500.00.


WEST
AXOLATEL GROUP
TO BLACK MINES
ROAD
BEAR CREEK
AXOLOTEL DITCH
DITCH
CRAFTER.
KING SOLOMEN WONDER.
CREEK
HIGH GROUND
LOG CABIN.
CABINS.
TIMBER.
HILL SIDE
AXOLOTEL
KING TUT
KING TUT'S CABIN
URSUS MAJOR.
SOUTH BOISE RIVER
ROAD
HIGHWAY
KING TUT
BEAR CREEK
HIGHWAY
SOUTH BOISE RIVER
SOUTH
NORTH
EAST

[illegible] INFORMATION

20. The Exploration would be conducted for those [illegible] which are necessary and essential from various reports and indications the Black and Gray Lands carry plenty including Tomatoes which is the Lands most suit to do.

21. Pitches should be put in order a blow pit in order to save for iron, a small concentrator and a small ball mill. 5 - 10,000

Should be in production in 9 days.

Have no ore in lists at this writing, a geologist map is heroes.

REPAIR ITEMS COSTS

A Bulldozer.....($15,000.00

Saw Mill.....($10,000.00

Repair Sawdust and Dirt.....$ 2,000.00

5 Miners ($100.00 per mo.
1 Donkey ($200.00 per mo.....($2,700.00 for 9 mo.) $ 8,100.00
1 Cook ($200.00 per mo.

Truck and Transportation.....$ 5,000.00

Kerosene.....$ 1,500.00

Gasoline.....$ 500.00

Hydraulic Giants and etc.....Rental, ($100.00 per mo.

90 days after date this should be on a producing basis.

COPY

65380

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
Washington 25, D.C.

Miss Ida Angel
Fairfield
Idaho

June 21, 1950

Dear Miss Angel:

In response to your inquiry concerning a sample of black sand from Hailey, Idaho, the sample was received from May Goodrich Angel on August 30, 1920, and a report was furnished Miss Angel on September 1, 1920. The report, by our mineralogist, Mr. E. V. Shannon, was as follows:

> "The Museum has no facilities for assay for the precious metals, but the sand has been examined by our usual microscopic methods. The larger portion is magnetite which is readily extracted by a magnet. The non-magnetic residue of red garnet, colorless crystals of zircon, rare flakes of gold, and abundant green or yellow crystals of titanite. This is the first black sand for Idaho which I have examined that contains an appreciable amount of titanite, a point of scientific though not of commercian value. For the reason we would like to incorporate this sample in our reference collection and would appreciate any information that can be furnished regarding the locality from which it came."

None [illegible] and [illegible]

The specimen is now included in our collections under our Catalog Number 91037.

Very truly yours,
W. F. Foshag
Head Curator
Department of Geology

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 1589X

Date received 6-5-51

Participation

Ida Angel
Fairfield, Idaho

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951

Estimated cost $42,400.00

Mineral or metal Strategic

Percentage of Government participation 90%

Location of mine Camas County
Idaho

Date of filing MF-100

DMA Docket Number, if available

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? Individual

*2. If a partnership, state names and addresses of partners. None

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. None

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. 30 years will engage services of experienced mining men.

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. None

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. None

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)? in equipment yes

*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 Refer to attached copy

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 Refer to attached copy

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 Refer to attached copy

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.

Axolotel
(Name of company)

By Ida Angel
(Signature of authorized official)

May 28-51
(Date)

Owner
(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

THE PROPERTY

10. (a) This is a placer mineral property, 7 group claims, 4 hundred twenty acres, situated in unorganized mining district upon the South Fork of the Boise River and Bear Creek in Camas County, State of Idaho being more particularly described as the-Axolotel, Crafter, King Tut's Cache, Ursus Mayor, King Solomons Wonder, Log Cabin, and Hill Side claims.

(b) Exploration work will be on the Axolotel and Ursus Mayor Claims, about 1000 feet from the junction of Bear Creek and South Boise River in north westerly direction upon the westerly slope of South Boise River.

11. The name of this Placer is called the Axolotel mines, former name, Crystal Gold Mining Co.

12. It is 35 miles north of Fairfield, Idaho, this is a small town on a branch line of the U.P.R.R.Co., oiled roads from there to all parts of the U.S. roads from Fairfield to mine all gravel and in good condition to workings.

13. Have a decreed water right of 1000 miner inches which is available year round and sufficent for all our purposes to operate 2 Hydraulics all the time.

14. There is a ditch three quarters of a mile, one no. 2 Giant War used very little and cutting Giant in good condition and enough pipe for a line for the Hydraulic work, which carries 500 miner inches of water the year round, a three room cook house, including beds, stoves and complete cooking utensils to take care of 10 men.

15. The Ore can very easily be hauled to R.R. or Smelter by truck a mill could be installed right on property very easily.

16. (a) After the buildings were completed, a ditch was built three quarters of mile to carry the water to the ground on High Bar which contains some 200 acres and also catching this same water for the lower ground making a two way working plan, very little operation and production was done for reason of disagreement between the locaters.

(b) Joining this property on the west is the famous Elora Mines and Milling Co. a few miles farther is the Red Horse Mine.

(c) In 1926 a Mr. Archie Scott, with Chas. A. Libby, San Francisco, Calif., made a thorough mine examination by sinking shafts and by 1927 he reported in his log (which has since disappeared) 16 million dollars valuation. In 1941 Mr. Chas. Montag of Portland, Oregon tested the Sands as that was what he seemed to be interested in most and the black sands went $500.00 per ton after all gold was taken out the gray sands tested $600.00. The gray sands is ground up quartz, this ground was found to run 1.25 per yard in gold. I sent a sample of Black sand to the Smithsonian Institute in Washington D.C., attached is a copy of their letter. A Geiger Counter has been used the last 2 years and showed radioactive material everywhere.

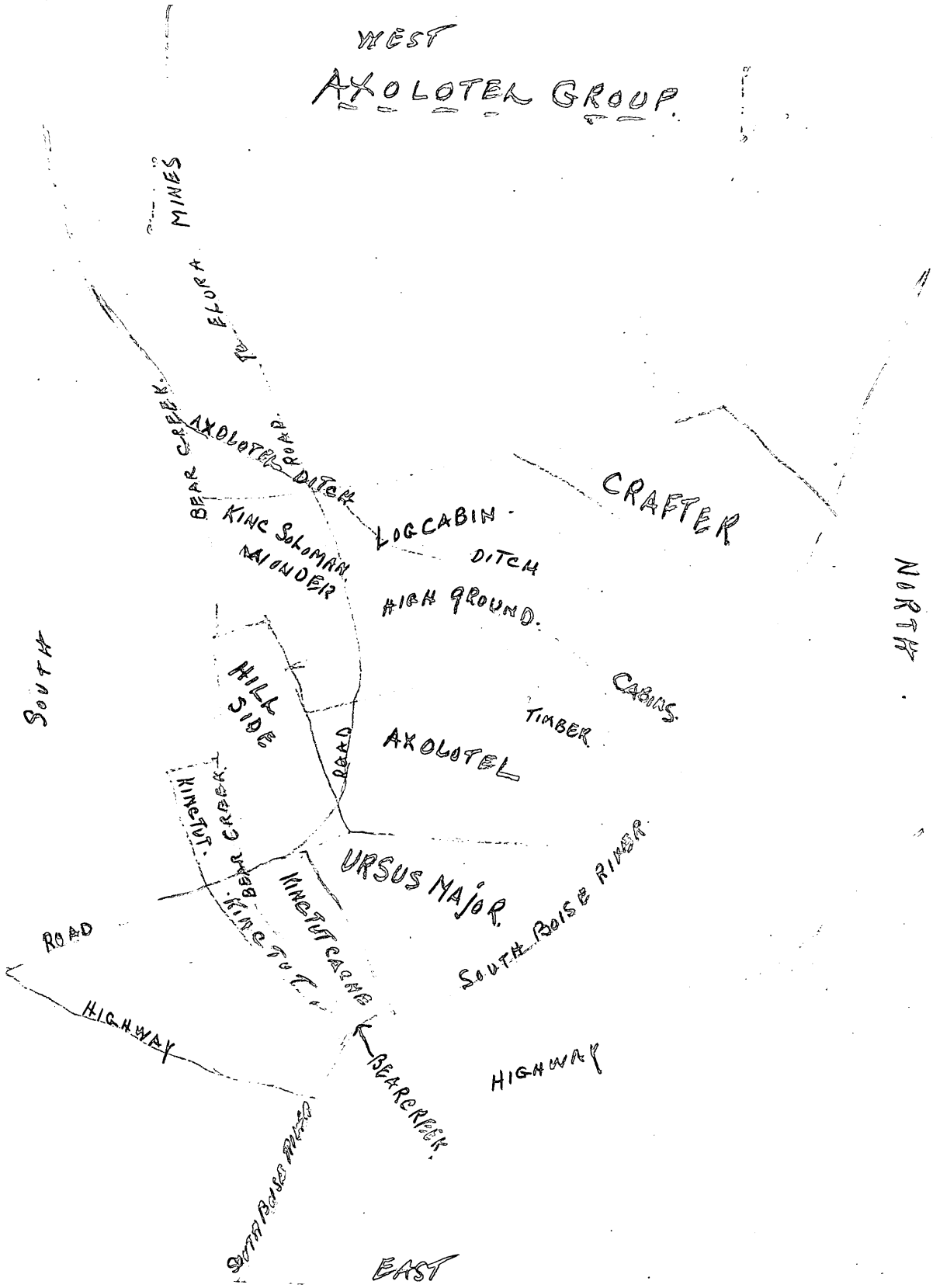
17. Not in operation at present.

18. (a) This is what they call an Old Channel Wash

there are some low places and high places about 200 acres are in Timber, gravel is fine, medium, and coarce, it has a few stumps and some big boulders which can be removed by either a Cat or Hydraulic Wash, 25 to 30 feet to Bedrock, Buckskin Bedrock, some rough not hard, medium soft, 2 foot overburden, no cement.

(b) For map refer to #22 no assay at this time.

(c) Four hundred twenty acres of Hydraulic ground estimated yardage of Fifty Million, Black Sand Value $ 500.00, Gray Sand Value $600.00.


WEST
AXOLOTEL GROUP.
MINES
ELORA
ROAD
BEAR CREEK
AXOLOTEL DITCH
KING SOLOMAN
MAIONDER
LOGCABIN
DITCH
HIGH GROUND.
CRAFTER
NORTH
SOUTH
HILL SIDE
ROAD
AXOLOTEL
TIMBER
CABINS.
KINGTUT.
BEAR CREEK
KINGTUT CABIN
URSUS MAJOR
SOUTH BOISE RIVER
ROAD
HIGHWAY
BEAR CREEK.
HIGHWAY
SOUTH BOISE RIVER
EAST

THE EXPLORATION

20. The Exploration would be conducted for these rare metals that are necessary and essential from various reports and indications the Black and Gray Sands carry plenty including Monazite with little development work to do.

21. Ditches should be put in order cabins put in shape to care for men, a small caterpillar and a small saw mill.

Should be in production in 90 days.

Have no sample lists at this writing, a geologized map is hereon.

REQUIREMENTS COSTS

A Bulldozer.....$15,000.00

Saw Mill.....$10,000.00

Repair Housings and Ditches.....$ 2,000.00

5 Miners @ $400.00 per mo.
1 Forman @ $500.00 per mo.....$2,700.00 for 3 mo.$ 8,100.00
1 Cook @ $200.00 per mo.

Truck and Transportation.....$ 5,000.00

Materials.....$ 1,500.00

Gasoline.....$ 500.00

Hydraulic Giants and etc.....Rental, $100.00 per mo.

90 days after date this should be on a producing basis.

COPY

65380

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
Washington 25, D.C.

Miss Ida Angel
Fairfield
Idaho

June 21, 1950

Dear Miss Angel:

In response to your inquiry concerning a sample of black sand from Hailey, Idaho, the sample was received from May Goodrich Angel on August 30, 1920, and a report was furnished Miss Angel on September 1,1920. The report, by our mineralogist, Mr. E. V. Shannon, was as follows:

> "The Museum has no facilities for assay for the precious metals, but the sand has been examined by our usual microscopic methods. The larger portion is magnetite which is readily extracted by a magnet. The non-magnetic residue of red garnet, colorless crystals of zircon, rare flakes of gold, and abundant green or yellow crystals of titanite. This is the first black sand for Idaho which I have examined that contains any appreciable amount of titanite, a point of scientific tough not of commercial value. For this reason we would like to incorporate this sample in our reference collection and would appreciate any information that can be furnished regarding the locality from which it came."

The specimen is now included in our collections under our Catalog Number 91037.

Very truly yours,
W. F. Foshag
Head Curator
Department of Geology

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane, Washington

May 31, 1951

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

Dear Mr. Strobel:

I am enclosing herewith four copies of Form MF-103, submitted by Ida Angel, Fairfield, Idaho. Mrs. Angel does not state definitely for what mineral she intends to explore, but presumably this is a placer operation involving monazite, as under question 20, she mentions monazite. It is not clear to me just what exploration Mrs. Angel proposes to do.

It is quite possible that Mrs. Angel may have a monazite deposit of some value, but over the last month we have corresponded with her on several occasions and it is my opinion that unless an examination is made of the property and a detailed plan of investigation worked out with Mrs. Angel, it is not likely we will get a feasible proposal that can be considered. Inasmuch as this is a monazite project, I would like to call upon Mr. Mitchell H. Kline of the Bureau of Mines for assistance. It is quite possible that Mr. Kline's crews may already have some information on this property.

Sincerely yours

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

Enclosures

cc: M. D. Volin
M. H. Kline

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary