

10/26/2005

IDAHO DEPARTMENT OF WATER RESOURCES  
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 77-7217

NAME AND ADDRESS: THE TRUST FOR PUBLIC LAND  
1011 WESTERN AVE  
SEATTLE WA 99223

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.820 CFS  
34.500 AFY

PRIORITY DATE: 04/17/1984

POINT OF DIVERSION:

T19N R11E S29 NENE Within VALLEY County  
T19N R11E S29 NENE Within VALLEY County  
T19N R11E S29 SENE Within VALLEY County  
T19N R11E S29 NESW Within VALLEY County  
T19N R11E S29 NESW Within VALLEY County  
T19N R11E S29 NESE Within VALLEY County

The issuance of this right does not grant any right-of-way or easement across  
the  
land of another.

PURPOSE AND  
PERIOD OF USE:

| <u>PURPOSE OF USE</u> | <u>PERIOD OF USE</u> | <u>QUANTITY</u>        |
|-----------------------|----------------------|------------------------|
| DOMESTIC              | 01/01 12/31          | 0.030 CFS<br>7.00 AFY  |
| MINING STORAGE        | 01/01 12/31          | 1.80 AFY               |
| MINING                | 01/01 12/31          | 0.790 CFS<br>25.70 AFY |
| DIVERSION TO STORAGE  | 01/01 12/31          | 0.790 CFS<br>34.50 AFY |
| MINING FROM STORAGE   | 01/01 12/31          | 1.80 AFY               |

When water used under this right is discharged into the natural channel,  
settling ponds must be maintained which are capable of reducing the silt  
load to such a level that the quality of water will not be impaired for other  
beneficial uses.

Water used under this right when discharged into a natural channel or  
subsurface system shall meet Idaho Water Quality Standards.

PLACE OF USE: MINING Within VALLEY County

|               |      |               |      |
|---------------|------|---------------|------|
| T19N R11E S21 | NESW | T19N R11E S21 | SWSW |
| T19N R11E S21 | SESW | T19N R11E S21 | SWSE |
| T19N R11E S28 | NENW | T19N R11E S28 | NWNW |
| T19N R11E S28 | SWNW | T19N R11E S28 | SENW |
| T19N R11E S28 | SWSW | T19N R11E S29 | NENE |
| T19N R11E S29 | NWNE | T19N R11E S29 | SWNE |
| T19N R11E S29 | SENE | T19N R11E S29 | NESW |
| T19N R11E S29 | NWSW | T19N R11E S29 | SWSW |
| T19N R11E S29 | SESW | T19N R11E S29 | NESE |

|                                                 |      |               |      |
|-------------------------------------------------|------|---------------|------|
| T19N R11E S29                                   | NWSE | T19N R11E S29 | SWSE |
| T19N R11E S29                                   | SESE |               |      |
| <u>MINING FROM STORAGE Within VALLEY County</u> |      |               |      |
| T19N R11E S21                                   | NESW | T19N R11E S21 | SWSW |
| T19N R11E S21                                   | SESW | T19N R11E S21 | SWSE |
| T19N R11E S28                                   | NENW | T19N R11E S28 | NWNW |
| T19N R11E S28                                   | SWNW | T19N R11E S28 | SENW |
| T19N R11E S28                                   | SWSW | T19N R11E S29 | NENE |
| T19N R11E S29                                   | NWNE | T19N R11E S29 | SWNE |
| T19N R11E S29                                   | SENE | T19N R11E S29 | NESW |
| T19N R11E S29                                   | NWSW | T19N R11E S29 | SWSW |
| T19N R11E S29                                   | SESW | T19N R11E S29 | NESE |
| T19N R11E S29                                   | NWSE | T19N R11E S29 | SWSE |
| T19N R11E S29                                   | SESE |               |      |
| <u>DOMESTIC Within VALLEY County</u>            |      |               |      |
| T19N R11E S29                                   | NESW | T19N R11E S29 | NESE |
| T19N R11E S29                                   | NWSE | T19N R11E S29 | SWSE |
| T19N R11E S29                                   | SESE |               |      |

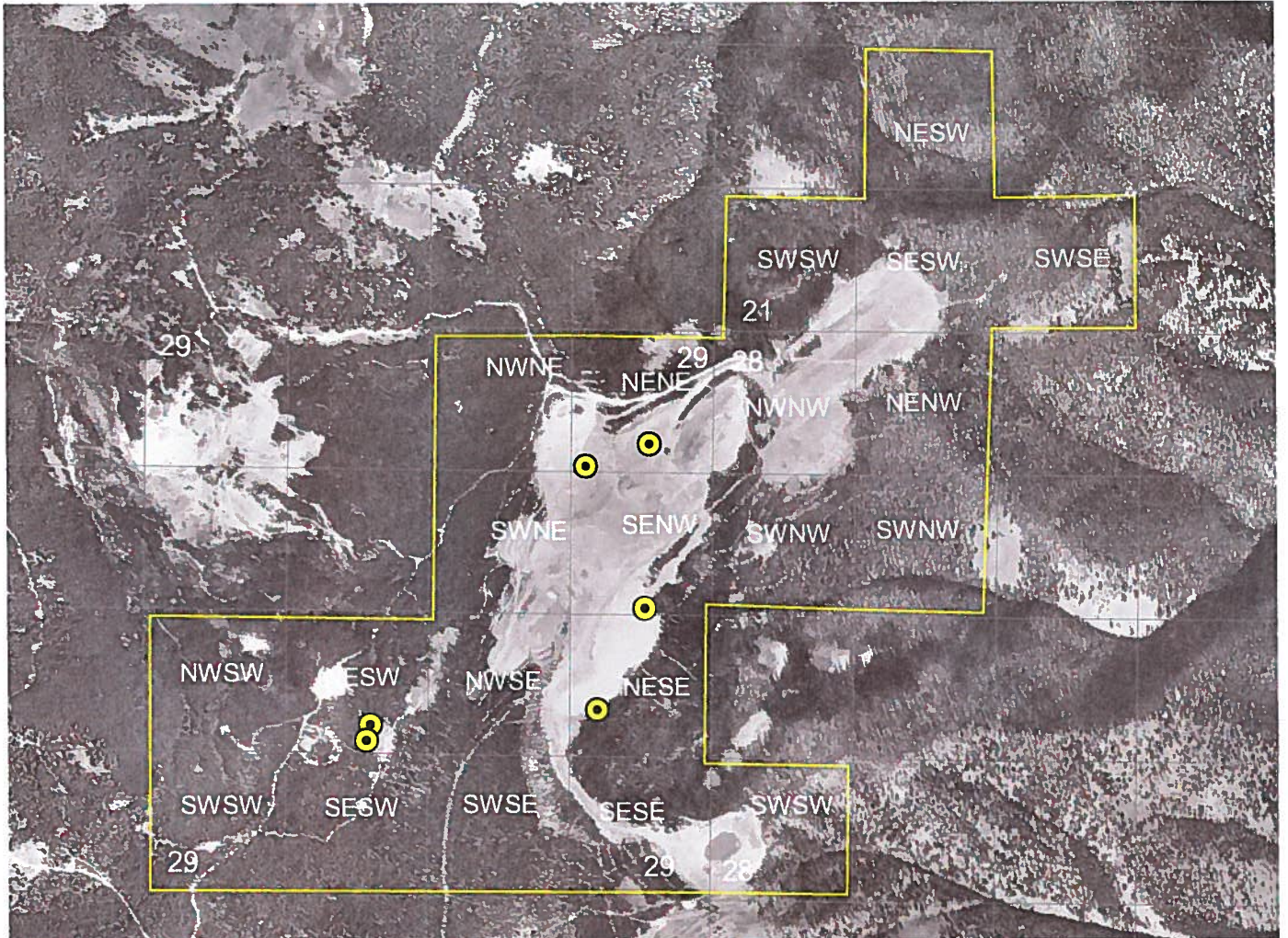
OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

Mining use is for multiple operations for gold extraction and dust control.  
Domestic use is for a mining camp and facilities.

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

# 77-7217



0 2000 4000 Feet



Sections 21, 28 & 29  
T19N R11E

● Point of Diversion

□ Place of Use

Map prepared on February 11, 2005  
By Kenneth Knoblock  
Idaho Department of Water Resources

See 77-2006 for documentation

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
NOTICE OF CHANGE IN WATER RIGHT OWNERSHIP

RECEIVED

OCT 11 2005

WATER RESOURCES  
WESTERN REGION

Please print or type. Attach pages with additional information. Instructions are included at the end of this form.  
Incomplete forms will be returned.

1. Please list the water right number(s) and/or adjudication claim number(s) (if any) for each water right to be changed. List just the adjudication claim number if there is no corresponding water right record on file with the department. Indicate, by checking in the space provided (under the "split" heading), if the change in ownership is limited to a portion of a water right in which case division of the existing water right or adjudication claim record will be required.

| Water<br>Right No(s). | Adjudication<br>Claim No(s). | Split | Water<br>Right No(s). | Adjudication<br>Claim No(s). | Split |
|-----------------------|------------------------------|-------|-----------------------|------------------------------|-------|
| 77-02006              | A77-02006                    |       | 77-07124              | A77-07124                    |       |
| 77-02084              | A77-02084                    |       | 77-07129              | A77-07129                    |       |
| 77-02085              | A77-02085                    |       | 77-07201              | A77-07201                    |       |
| 77-04055              | A77-04055                    |       | 77-07211              | <del>A77-07211</del>         |       |
| 77-07087              | A77-07087                    |       | 77-07217              | A77-07217                    |       |
| 77-07123              | A77-07123                    |       |                       |                              |       |

2. The following REQUIRED information must be submitted with this form:

- A. The appropriate FILING FEE. See instructions for fee amounts.
- B. A copy of the most recent DEED, TITLE POLICY, CONTRACT OF SALE or other legal document indicating your ownership of the property and water right(s) or claim(s) in question, WITH ATTACHED LEGAL DESCRIPTION.
- C. Either of the following (if necessary to clarify division of water rights or other complex property descriptions):  
PLAT OF PROPERTY or SURVEY MAP clearly showing the location of the point(s) of diversion and place of use of your water right(s) and/or adjudication claim(s) (these are usually attached to your deed or on file with the county).

OR

If your water right(s) and/or adjudication claim(s) is for ten or more acres of irrigation, you must submit a USDA Farm Service Agency AERIAL PHOTO with the irrigated acres outlined and point(s) of diversion clearly marked. The AERIAL PHOTO should be submitted in place of the PLAT OF PROPERTY or SURVEY MAP.

3. Name and Address of Former  
Owner/Claimant(s)

THUNDER MOUNTAIN GOLD, INC.  
3606 EAST 16TH AVENUE

(DEWEY MIN  
CO., INC.)

4. New Owner/Claimant(s)

SPOKANE, WA 99223

Name Connector (Check one): ☐ and, ☐ or, ☐ and/or

New Mailing Address

THE TRUST FOR PUBLIC LAND  
1011 WESTERN AVENUE, SUITE 605

City, State and ZIP Code

SEATTLE, WASHINGTON 98104

New Telephone Number

206 587-2447

5. Date you acquired the property

SEPTEMBER 1, 2005

6. If the change in ownership affects the entire water right for each water right or adjudication claim number listed in item 1, THEN SKIP THIS ITEM AND GO TO ITEM 7. If the change in ownership divides the water right(s) among multiple owners, you must describe, in detail, your portion of each water right after the change. Fill in the appropriate spaces in the box(es) below to describe your water right(s) after the change (one water right per box, you may copy this page as necessary). If your quantity of water is greater than a proportionate split, you must attach documentation to show justification for a larger amount. If you are not sure how to identify your portion of the original water right or adjudication claim records, please contact the nearest IDWR office for assistance.

| DESCRIPTION OF YOUR PORTION OF WATER RIGHT<br>(If the right(s) will not be split, skip this area and proceed to item 7) |                                                                            |                                                              |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------|
| Water Right and/or Adjudication Claim Number _____                                                                      |                                                                            |                                                              |
| Water Use                                                                                                               | Diversion Rate or Volume<br>(cubic feet per second or acre-feet per annum) | Description<br>(acres, number and type of stock, homes, etc) |
| Irrigation                                                                                                              | _____                                                                      | _____                                                        |
| Stock                                                                                                                   | _____                                                                      | _____                                                        |
| Domestic                                                                                                                | _____                                                                      | _____                                                        |
| Other _____                                                                                                             | _____                                                                      | _____                                                        |
| <b>Total</b>                                                                                                            | _____                                                                      | _____                                                        |

| DESCRIPTION OF YOUR PORTION OF WATER RIGHT<br>(If the right(s) will not be split, skip this area and proceed to item 7) |                                                                            |                                                              |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------|
| Water Right and/or Adjudication Claim Number _____                                                                      |                                                                            |                                                              |
| Water Use                                                                                                               | Diversion Rate or Volume<br>(cubic feet per second or acre-feet per annum) | Description<br>(acres, number and type of stock, homes, etc) |
| Irrigation                                                                                                              | _____                                                                      | _____                                                        |
| Stock                                                                                                                   | _____                                                                      | _____                                                        |
| Domestic                                                                                                                | _____                                                                      | _____                                                        |
| Other _____                                                                                                             | _____                                                                      | _____                                                        |
| <b>Total</b>                                                                                                            | _____                                                                      | _____                                                        |

7. Signature of New Owner(s) or Claimant(s) James E. Jyner  
(include title if applicable) REGIONAL COUNSEL, THE TRUST FOR PUBLIC LAND

For Snake River Basin Adjudication Claims: Please attach a Notice of Appearance completed by your attorney, if you wish IDWR to correspond with him/her for all matters related to your claims.

**For Office Use Only**

Received by \_\_\_\_\_ Date \_\_\_\_\_ Fee \_\_\_\_\_  
 Receipted by \_\_\_\_\_ Date \_\_\_\_\_ Receipt No. \_\_\_\_\_  
 Processed by \_\_\_\_\_ AJ Date \_\_\_\_\_ WR \_\_\_\_\_ Date \_\_\_\_\_

State of Idaho  
Department of Water Resources

**WATER RIGHT LICENSE**  
WATER RIGHT NO. 77-07217

Priority: April 17, 1984

Maximum Diversion Rate: 0.82 CFS  
Maximum Diversion Volume: 34.5 AF

This is to certify, that COEUR EXPLORATIONS INC  
2417 BANK DR STE 302  
BOISE ID 83705

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 17, 1984; and has submitted Proof of Beneficial Use on August 15, 1988. An examination indicates that the works have a diversion capacity of .820 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|--------------------------|----------------------|
| MINING                | 01/01 to 12/31       | 0.79 CFS                 | 25.7 AF              |
| MINING STORAGE        | 01/01 to 12/31       |                          | 1.8 AF               |
| MINING FROM STORAGE   | 01/01 to 12/31       |                          | 1.8 AF               |
| DOMESTIC              | 01/01 to 12/31       | 0.03 CFS                 | 7.0 AF               |
| DIVERSION TO STORAGE  | 01/01 to 12/31       | 0.79 CFS                 |                      |
| Totals                |                      | 0.82 CFS                 | 34.5 AF              |

LOCATION OF POINT(S) OF DIVERSION:

NENE, Sec. 29, Township 19N, Range 11E  
SENE, Sec. 29, Township 19N, Range 11E  
NESW, Sec. 29, Township 19N, Range 11E  
NESE, Sec. 29, Township 19N, Range 11E  
VALLEY County

PLACE OF USE: MINING  
TWN RGE SEC

|            |      |      |      |
|------------|------|------|------|
| 19N 11E 21 | NESW | SWSW | SESW |
|            | SWSE |      |      |
| 28         | NENW | NWNW | SWNW |
|            | SESW |      |      |
| 29         | NENE | NWNE | SWNE |
|            | SENE | NESW | NWSW |
|            | SWSW | SESW | NESE |
|            | NWSE | SWSE | SESE |

PLACE OF USE: MINING FROM STORAGE, same as MINING use

PLACE OF USE: DOMESTIC  
TWN RGE SEC

|            |      |      |      |
|------------|------|------|------|
| 19N 11E 29 | NESW | NESE | NWSE |
|            | SWSE | SESE |      |

RECORDED  
OCT 25 1993

ACCOMPANIED BY  
ANN OBERLY - ENLIGHTENED.  
ROBIN PRUETT - MAINT.  
SUPERVISOR

EXAM DATE  
AUG-17, 1889



R10E | R11E

T19N

A vertical line with tick marks at 0,  $\frac{1}{4}$ , and  $\frac{1}{2}$ , labeled "MILES".

## POINT OF USE



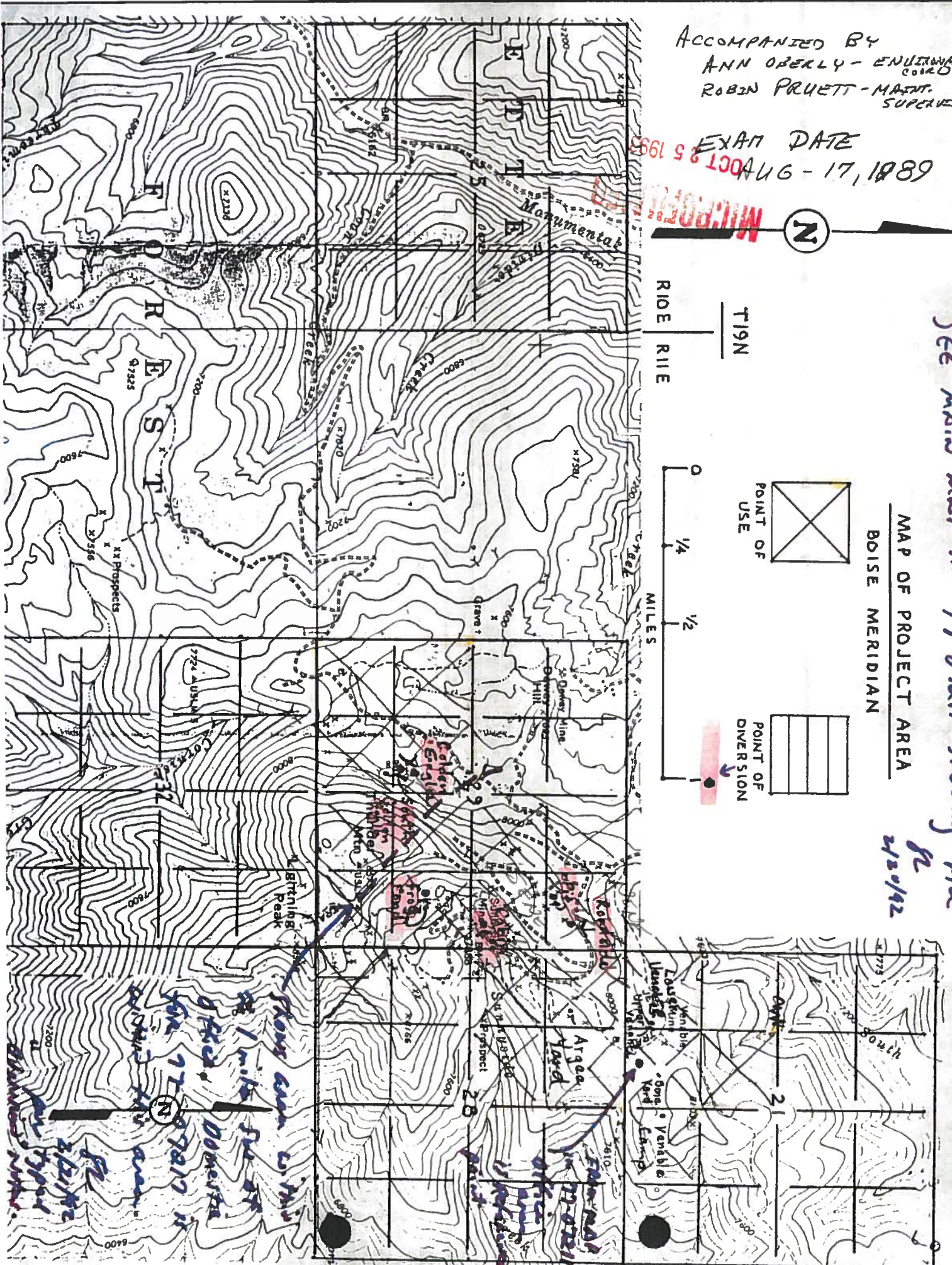
#### DIVERSION



MAP OF PROJECT AREA  
BOISE MERIDIAN

See main map in 11-01011 showing p/a

2/20/92



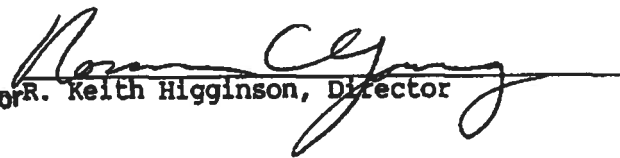
State of Idaho  
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 77-07217

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. The issuance of this right in no way grants any right-of-way or easement across the land of another.
6. When water used under this right is discharged into the natural channel, settling ponds must be maintained which are capable of reducing the silt load to such a level that the quality of water will not be impaired for other beneficial uses.
7. Water used under this right if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.
8. Two points of diversion are located within NENE, S29, T19N, R11E.
9. Two points of diversion are located within NESW, S29, T19N, R11E.
10. Mining use is for multiple operations for gold extraction and dust control.
11. Domestic use is for a mining camp and facilities.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.  
Witness the seal and signature of the Director, affixed at Boise, this 7<sup>TH</sup>  
day of September, 1993.

  
Acting for R. Keith Higginson, Director

RECEIVED  
OCT 25 1993

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,  
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION  
OF RIGHTS TO THE USE OF WATER FROM  
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576

Ident. Number 77-7217  
Date Received: 4/4/1989  
Receipt No: W002519  
Received By:

NOTICE OF CLAIM TO A WATER RIGHT  
ACQUIRED UNDER STATE LAW

1. Name of Claimant(s)

THUNDER MOUNTAIN GOLD INC  
3605 E 16TH AVE  
SPOKANE WA USA 99223

Phone: (509) 535-6092

2. Date of Priority: 04/17/1984

3. Source: GROUND WATER Trib. to:

4. Point of Diversion:

| Township | Range | Section | 1/4 of 1/4 of 1/4 Lot | County | Type |
|----------|-------|---------|-----------------------|--------|------|
| 19N      | 11E   | 29      | NE SE                 | VALLEY |      |

5. Description of diverting works:

WELLS, PUMPS, PIPELINES TO POND

6. Water is used for the following purposes:

| Purpose        | From | To    | C.F.S. | (or) A.F.A |
|----------------|------|-------|--------|------------|
| MINING         | 1/01 | 12/31 | 2      |            |
| MINING STORAGE | 1/01 | 12/31 | 1      |            |

7. Total Quantity Appropriated is:  
1 C.F.S. and/or 10 A.F.A.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

| Township | Range | Section | 1/4 of 1/4 |    | Lot | Use    | Acres |
|----------|-------|---------|------------|----|-----|--------|-------|
| 19N      | 11E   | 21      | SE         | SW |     | MINING |       |
|          |       |         | SW         | SW |     | MINING |       |
|          |       |         | NE         | SW |     | MINING |       |
| 19N      | 11E   | 28      | NE         | NW |     | MINING |       |
|          |       |         | NW         | NW |     | MINING |       |
|          |       |         | SW         | NW |     | MINING |       |
|          |       |         | SE         | NW |     | MINING |       |
| 19N      | 11E   | 29      | NE         | NE |     | MINING |       |
|          |       |         | NW         | NE |     | MINING |       |
|          |       |         | SW         | NE |     | MINING |       |
|          |       |         | SE         | NE |     | MINING |       |
|          |       |         | NE         | SW |     | MINING |       |
|          |       |         | NW         | SW |     | MINING |       |
|          |       |         | SW         | SW |     | MINING |       |
|          |       |         | SE         | SW |     | MINING |       |
|          |       |         | NE         | SE |     | MINING |       |
|          |       |         | NW         | SE |     | MINING |       |
|          |       |         | SW         | SE |     | MINING |       |
|          |       |         | SE         | SE |     | MINING |       |

11. Place of use in counties: VALLEY

12. Do you own the property listed above as place of use? Yes

13. Other Water Rights Used:

14. Remarks:

Ownership changed by DB 4/5/2004

A flow measurement port or other device as specified by the Department shall be installed by the right holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

In the event that water used under this right should be discharged into a natural channel, settling ponds will be required which are capable of reducing the silt load to such a level that the quality of the water would not be impaired for other beneficial uses.

Water used under this right when discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.

15. Basis of Claim: Permit

**STATE OF IDAHO**  
**DEPARTMENT OF WATER RESOURCES**  
**NOTICE OF CHANGE IN WATER RIGHT OWNERSHIP**

RECEIVED

APR 01 2004

WATER RESOURCES  
WESTERN REGION

Please print or type. Attach pages with additional information. Instructions are included at the end of this form.  
 Incomplete forms will be returned.

1. Please list the water right number(s) and/or adjudication claim number(s) (if any) for each water right to be changed. List just the adjudication claim number if there is not corresponding water right record on file with the department. Indicate, by checking in the space provided (under the "split" heading), if the change in ownership is limited to a portion of a water right in which case division of the existing water right or adjudication claim record will be required.

| Water<br>Right No(s). | Adjudication<br>Claim No(s). | Split | Water<br>Right No(s). | Adjudication<br>Claim No(s). | Split |
|-----------------------|------------------------------|-------|-----------------------|------------------------------|-------|
| 77-7217               | A77-7217                     |       |                       |                              |       |
|                       |                              |       |                       |                              |       |
|                       |                              |       |                       |                              |       |
|                       |                              |       |                       |                              |       |
|                       |                              |       |                       |                              |       |

2. The following **REQUIRED** information must be submitted with this form:

- A. The appropriate **FILING FEE**. See instructions for fee amounts.  $\emptyset$
- B. A copy of the most recent **DEED, TITLE POLICY, CONTRACT OF SALE** or other legal document indicating your ownership of the property and water right(s) or claim(s) in question, **WITH ATTACHED LEGAL DESCRIPTION**.
- C. Either of the following (if necessary to clarify diversion of water rights or other complex property descriptions):  
**PLAT OF PROPERTY** or **SURVEY MAP** clearly showing the location of the point(s) of diversion and place of use of your water right(s) and/or adjudication claims(s) (these are usually attached to your deed or on file with the county).

**OR**

If your water right(s) and/or adjudication claim(s) is for ten or more acres of irrigation you must submit a USDA Farm Service Agency **AERIAL PHOTO** with the irrigated acres outlined and point(s) of diversion clearly marked. The AERIAL PHOTO should be submitted in place of the PLAT OF PROPERTY or SURVEY MAP.

3. Name and Address of Former Owner/Claimant(s) Coeur Explorations, Inc. c/o Coeur d'Alene Mines Corporation  
505 Front Avenue, Ste. 400, Coeur d'Alene, ID 83814
4. New Owner/Claimant(s) Thunder Mountain Gold, Inc.  
 Name Connector (Check one): [ ] and, [ ] or, [ ] and/or  
 New Mailing Address 3605 E. 16<sup>th</sup> Avenue  
 City, State and ZIP Code Spokane, WA 99223  
 New Telephone Number ( )
5. Date you acquired the property March 8, 2004

6. If the change in ownership affects the entire water right for each water right or adjudication claim number listed in item 1, THEN SKIP THIS ITEM AND GO TO ITEM 7. If the change in ownership divides the water right(s) amount multiple owners, you must describe, in detail, your portion of each water right after the change. Fill in the appropriate spaces in the box(es) below to describe your water right(s) after the change (one water right per box, you may copy this page as necessary). If your quantity of water is greater than a proportionate split, you must attach documentation to show justification for the larger amount. If you are not sure how to identify your portion of the original water right or adjudication claim records, please contact the nearest IDWR office for assistance.

| DESCRIPTION OF YOUR PORTION OF WATER RIGHT<br>(If the right(s) will not be split, skip this area and proceed to item 7) |                                                                            |                                                               |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------|
| Water Right and/or Adjudication Claim Number _____                                                                      |                                                                            |                                                               |
| Water Use                                                                                                               | Diversion Rate or Volume<br>(cubic feet per second or acre-feet per annum) | Description<br>(acres, number and type of stock, homes, etc.) |
| Irrigation                                                                                                              | _____                                                                      | _____                                                         |
| Stock                                                                                                                   | _____                                                                      | _____                                                         |
| Domestic                                                                                                                | _____                                                                      | _____                                                         |
| Other _____                                                                                                             | _____                                                                      | _____                                                         |
| <b>Total</b>                                                                                                            | _____                                                                      | _____                                                         |

| DESCRIPTION OF YOUR PORTION OF WATER RIGHT<br>(If the right(s) will not be split, skip this area and proceed to item 7) |                                                                            |                                                               |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------|
| Water Right and/or Adjudication Claim Number _____                                                                      |                                                                            |                                                               |
| Water Use                                                                                                               | Diversion Rate or Volume<br>(cubic feet per second or acre-feet per annum) | Description<br>(acres, number and type of stock, homes, etc.) |
| Irrigation                                                                                                              | _____                                                                      | _____                                                         |
| Stock                                                                                                                   | _____                                                                      | _____                                                         |
| Domestic                                                                                                                | _____                                                                      | _____                                                         |
| Other _____                                                                                                             | _____                                                                      | _____                                                         |
| <b>Total</b>                                                                                                            | _____                                                                      | _____                                                         |

7. Signature of New Owner(s) or Claimant(s) *Let Harshey*  
(include title if applicable) THUNDER MOUNTAIN GOLD PROJECT MANAGER

For Snake River Basin Adjudication Claims: Please attach a Notice of Appearance completed by your attorney, if you wish IDWR to correspond with him/her for all matters related to your claims.

For Office Use Only

Received by *DS* Date *4-1-04* Fee *0*  
Receipted by \_\_\_\_\_ Date \_\_\_\_\_ Receipt No. \_\_\_\_\_  
Processed by \_\_\_\_\_ AJ Date \_\_\_\_\_ WR \_\_\_\_\_ Date \_\_\_\_\_

### WATER RIGHTS DEED AND ASSIGNMENT

FOR VALUE RECEIVED, COEUR EXPLORATIONS, INC. ("Grantor"), does hereby convey without warranty unto THUNDER MOUNTAIN GOLD, INC. ("Grantee") and to Grantee's heirs, successors and assigns forever, the following described water right: that certain water right identified in the records of the Idaho Department of Water Resources as number 77-7217, together with all of Grantor's right, title and interest in and to Notice of Claim Number A77-7217 filed in the Snake River Basin Adjudication, Fifth Judicial District, in the State of Idaho, in and for the County of Twin Falls, Case No. 39576.

IN WITNESS WHEREOF, the undersigned has caused his name to be hereunto subscribed this 8<sup>th</sup> day of March, 2004.

COEUR EXPLORATIONS, INC.

William H. Boyd

By its Secretary

STATE OF IDAHO )

) ss.

County of Kootenai )

On this 9<sup>th</sup> day of March, 2004, before me, the undersigned, a Notary Public in and for said State, personally appeared William M. Boyd, known or identified to me to be the Secretary of COEUR EXPLORATIONS, INC., an Idaho corporation, the corporation that executed the instrument or the person who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

K. J. Waite  
Notary Public for Idaho  
Residing at Hayden Lake  
My commission expires: 3/21/08

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,  
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION  
OF RIGHTS TO THE USE OF WATER FROM  
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A77-07217  
Date Received: 11/23/1988  
Receipt No: W002519  
Received By: DE M. H.

NOTICE OF CLAIM TO A WATER RIGHT  
ACQUIRED UNDER STATE LAW

1. Name: COEUR EXPLORATIONS INC. 208-667-3511  
Address: C/O COEUR D'ALENE MINES CORP.  
SUITE 400  
505 FRONT AVENUE  
COEUR D'ALENE, ID 83814

2. Date of Priority: APR 17, 1984

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

| Township | Range | Section | 1/4 of | 1/4 of | 1/4 | Lot | County |
|----------|-------|---------|--------|--------|-----|-----|--------|
| 19N      | 11E   | 29      | NE     | SE     |     |     | VALLEY |

5. Description of diverting works:  
WELLS, PUMPS, PIPELINES TO POND

6. Water is used for the following purposes:

| Purpose        | From  | To    | C.F.S | (or) | A.F.A. |
|----------------|-------|-------|-------|------|--------|
| MINING         | 01/01 | 12/31 | 2.000 |      |        |
| MINING STORAGE | 01/01 | 12/31 | 1.000 |      |        |

7. Total Quantity Appropriated is:  
1.000 C.F.S. (and/or) 10.00 A.F.A.

8. Total consumptive use is 1.0 Acre Feet Per Annum.

9. Non-irrigation uses:  
MINING AND MILLING

A77-07217

Page 1

Date: 04/14/89

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10. Place of Use:

| Township | Range | Section | 1/4 | of | 1/4 | Lot | Use    | Acres |
|----------|-------|---------|-----|----|-----|-----|--------|-------|
| 19N      | 11E   | 21      | NE  |    | SW  |     | MINING |       |
|          |       |         | SW  |    | SW  |     | MINING |       |
|          |       |         | SE  |    | SW  |     | MINING |       |
|          |       | 28      | NE  |    | NW  |     | MINING |       |
|          |       |         | NW  |    | NW  |     | MINING |       |
|          |       |         | SW  |    | NW  |     | MINING |       |
|          |       |         | SE  |    | NW  |     | MINING |       |
|          |       | 29      | NE  |    | NE  |     | MINING |       |
|          |       |         | NW  |    | NE  |     | MINING |       |
|          |       |         | SW  |    | NE  |     | MINING |       |
|          |       |         | SE  |    | NE  |     | MINING |       |
|          |       |         | NE  |    | SW  |     | MINING |       |
|          |       |         | NW  |    | SW  |     | MINING |       |
|          |       |         | SW  |    | SW  |     | MINING |       |
|          |       |         | SE  |    | SW  |     | MINING |       |
|          |       |         | NE  |    | SE  |     | MINING |       |
|          |       |         | NW  |    | SE  |     | MINING |       |
|          |       |         | SW  |    | SE  |     | MINING |       |
|          |       |         | SE  |    | SE  |     | MINING |       |

11. Place of use in counties: VALLEY

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:  
77-7124,77-7123,77-7127,77-7201,77-7129

14. Remarks:

15. Basis of Claim: PERMIT

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do \_\_\_\_\_ do not \_\_\_\_\_ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: \_\_\_\_\_

**For Individuals:**

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): \_\_\_\_\_ Date: \_\_\_\_\_  
\_\_\_\_\_ Date: \_\_\_\_\_

State of Idaho )  
County of \_\_\_\_\_ ) SS.

Subscribed and sworn (or affirmed) before me this \_\_\_\_\_ day  
of \_\_\_\_\_ 19 \_\_\_\_\_

\_\_\_\_\_  
Notary Public

Seal

Residing at \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE  
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION  
OF RIGHTS TO THE USE OF WATER FROM  
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576

Ident. Number

77-07217

Date Received

Receipt Number

W002519

NOTICE OF CLAIM  
TO A  
WATER RIGHT  
ACQUIRED UNDER STATE LAW

RECEIVED  
NOV 23 1988

Department of Water Resources  
Western Regional Office

Please type or print clearly

1. Name of Claimant (s) Coeur Explorations, Inc. Phone (208) 667-3511  
Mailing Address c/o Coeur d'Alene Mines Corporation  
505 Front Avenue, Suite 400 Zip 83814  
Coeur d'Alene, Idaho
2. Date of Priority (Only one (1) per claim) April 17, 1984
3. Source of water supply (a) groundwater  
which is tributary to (b) N/A
4. a. Location of existing point of diversion is: Township 19N Range 11E Section 29,  
NE 1/4 of SE 1/4 of 1/4, Govt. Lot, B.M., County of   
Additional points of diversion if any:   
b. If instream flow, beginning point of claimed instream flow is:  
Township  Range  Section ,  1/4 of  1/4 of  1/4,  
Govt. Lot  B.M., County of   
ending point is: Township  Range  Section ,  1/4 of  1/4 of   
 1/4, Govt. Lot  B.M., County of
5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),  
including the dates of any changes or enlargements in use, the dimensions of the diversion works as  
constructed and as enlarged and the depth of each well. 180' deep well with 85 gal/min pump  
drawing H<sub>2</sub>O through 3" pipeline to firewater pond

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6. Water is claimed for the following purposes:

(both dates are inclusive) (cfs) (acre feet)

For Mining Storage purposes from Jan. 1 to Dec. 31 amount 1.0 or \_\_\_\_\_

For Mining purposes from Jan. 1 to Dec. 31 amount 1.0 or \_\_\_\_\_

For Milling purposes from Jan. 1 to Dec. 31 amount 1.0 or \_\_\_\_\_

For \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ amount \_\_\_\_\_ or \_\_\_\_\_

7. Total quantity claimed (a) 1.0 (cfs) and/or (b) 10 AF (acre feet)

8. Total consumptive use claimed is 1.0 cfs or 10 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) mining and milling

10. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- If water is used for other purposes, place a symbol of use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

| TWP | RNG | SEC | NE 1/4 |       |       |       | NW 1/4 |       |       |       | SW 1/4 |       |       |       | SE 1/4 |       |       |       | Totals |
|-----|-----|-----|--------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|--------|
|     |     |     | NE1/4  | NW1/4 | SW1/4 | SE1/4 | NE1/4  | NW1/4 | SW1/4 | SE1/4 | NE1/4  | NW1/4 | SW1/4 | SE1/4 | NE1/4  | NW1/4 | SW1/4 | SE1/4 |        |
| 19N | 11E | 21  |        |       |       |       |        |       |       |       | X      |       | X     | X     |        |       |       |       |        |
| 19N | 11E | 28  |        |       |       |       | X      | X     | X     | X     |        |       |       |       |        |       |       |       |        |
| 19N | 11E | 29  | X      | X     | X     | X     |        |       |       |       | X      | X     | X     | X     | X      | X     | X     | X     |        |
|     |     |     |        |       |       |       |        |       |       |       |        |       |       |       |        |       |       |       |        |
|     |     |     |        |       |       |       |        |       |       |       |        |       |       |       |        |       |       |       |        |
|     |     |     |        |       |       |       |        |       |       |       |        |       |       |       |        |       |       |       |        |
|     |     |     |        |       |       |       |        |       |       |       |        |       |       |       |        |       |       |       |        |

Total number of acres irrigated \_\_\_\_\_

11. In which county (ies) are lands listed above as place of use located? Valley

12. Do you own the property listed above as place of use? Yes X No \_\_\_\_\_  
If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.  
77-7124, 77-7123, 77-7127, 77-7201, 77-7129 or None ( )

14. Remarks: None

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

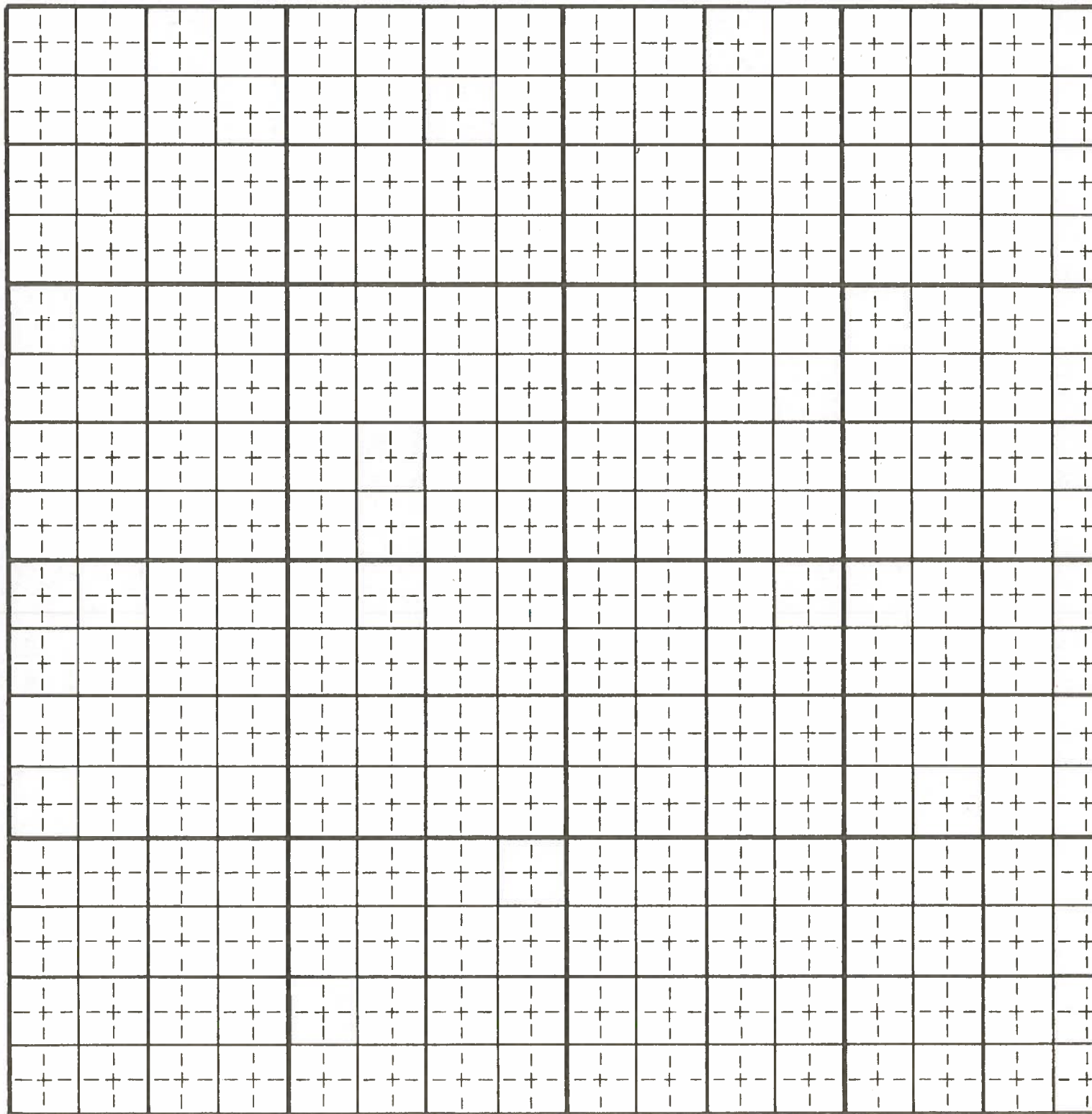
Last Name Coeur Explorations, Inc. Ident No. \_\_\_\_\_

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Copies: White-State, Yellow-Claimant  
**OCT 05 1992**

Map of Project: show clearly the point of diversion, place of use, section number, township, and range number.

Scale: 2 inches equals 1 mile

SEE ATTACHED MAP



Last Name Coeur Explorations, Ident No. \_\_\_\_\_  
Inc.

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Copies: White-State, Yellow-Claimant  
**OCT 05 1992**

15. Basis of Claim (check one) Beneficial Use \_\_\_\_\_ Posted Notice \_\_\_\_\_ License \_\_\_\_\_ Permit X  
Decree \_\_\_\_\_

If applicable provide IDWR Water Right Number 77-7217

Court \_\_\_\_\_ Case Number \_\_\_\_\_ Decree Date \_\_\_\_\_

Plaintiff vs Defendant \_\_\_\_\_

16. Signature (s)

(a.) By signing below, I/~~We~~ acknowledge that I/~~We~~ have received, read, and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/~~We~~ do \_\_\_\_\_ do not X wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments \_\_\_\_\_

**For Individuals:** I do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant (s) \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_ Date \_\_\_\_\_

**For Organizations:** I do solemnly swear or affirm that I am Governmental Affairs Assistant Manager  
Coeur \_\_\_\_\_ Title \_\_\_\_\_

of Thunder Mountain Gold, Inc., that I have signed the foregoing  
Organization \_\_\_\_\_

document in the space below as an authorized agent of Coeur Explorations, Inc.  
Title \_\_\_\_\_ Organization \_\_\_\_\_

and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent R.K. Umorh

Title and Organization Governmental Affairs Assistant Manager Date November 23, 1988  
Coeur Thunder Mountain Gold, Inc.

State of Idaho/or \_\_\_\_\_ )  
County of Ada ) SS.

Subscribed and sworn (or affirmed) before me this 23rd day of November 1988

SEAL

Notary Public Judie E. Taylor

Residing at Boise, Idaho

My Commission Expires April 23, 1994

Please Print Name Judie E. Taylor

17. Notice of Appearance:

Notice is hereby given that I, Sheila G. Bush, Holland & Hart will be acting as attorney at law on behalf of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above should be mailed to me at the address listed below.

Signature Sheila G. Bush

Address P. O. Box 2527, Boise, Idaho 83701

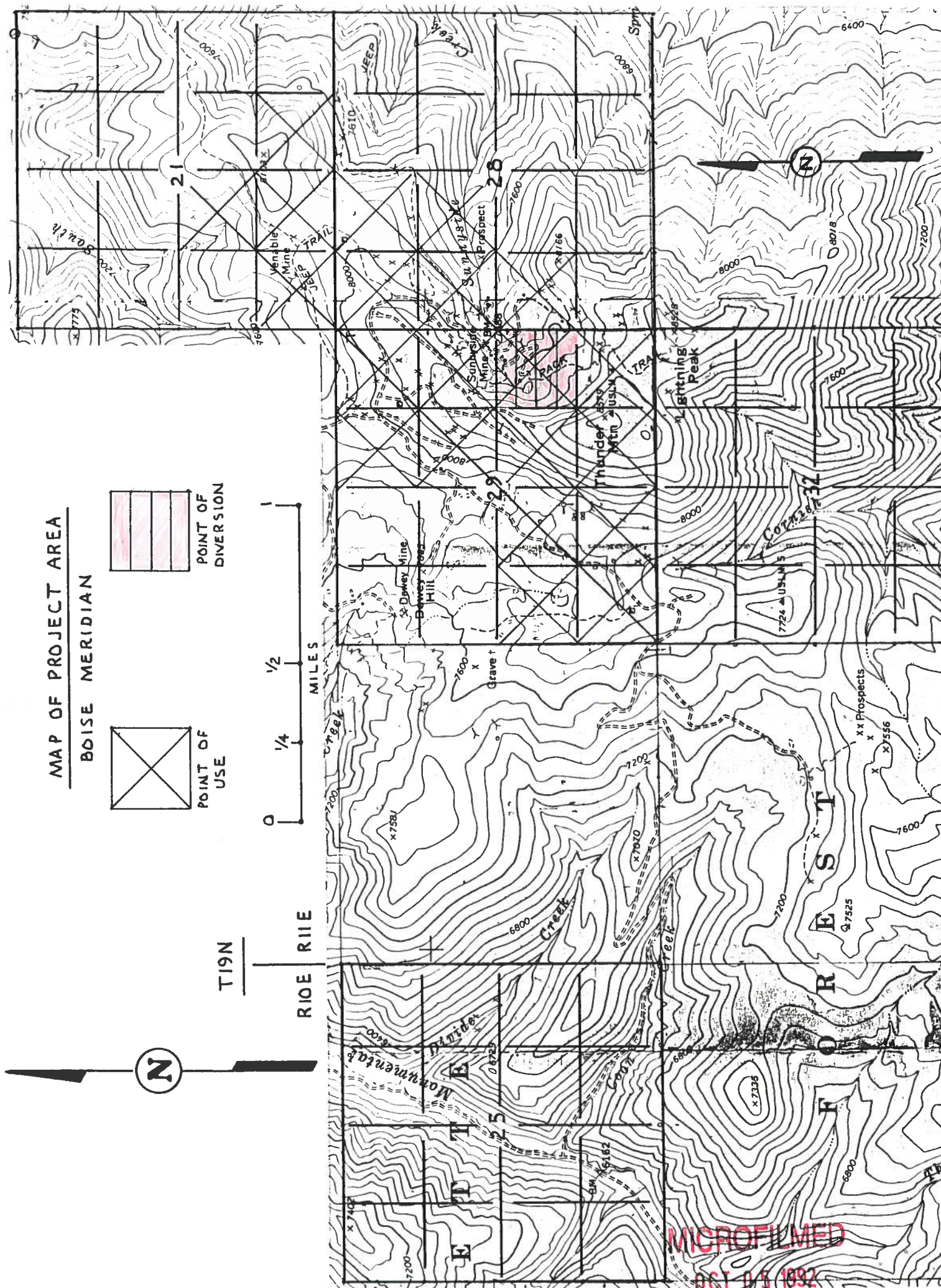
Date November 23, 1988

Last Name Coeur Explorations, Inc. Ident. Number \_\_\_\_\_

**MICROFILMED**

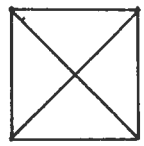
Copies White-State, Yellow-Claimant

**OCT 05 1992**



MAP OF PROJECT AREA

BOISE MERIDIAN



POINT OF  
USE



POINT OF  
DIVERSION

T19N

R10E R11E



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12/22/1988

SRBA CLAIMS RECEIVING CHECKLIST

CLAIMANT'S NAME Coeur Explorations, Inc CLAIM IDENT. NO. 77-07217  
DATE RECEIVED 11/23/88 CK # 4829 AMOUNT \$ 625<sup>00</sup>/150<sup>00</sup>

- |                                                                                                                                                                                                                                                                          | YES                                 | NO                                  | Require Info? |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|---------------|
| 1. Is the name and address complete with zip code? . . . . .                                                                                                                                                                                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | *             |
| 2. Is a priority date entered? . . . . .                                                                                                                                                                                                                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | *             |
| Is the priority date acceptable in view of mandatory filing dates? . . . . .                                                                                                                                                                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | *             |
| 3. (a) Is a source entered? . . . . .                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | *             |
| (b) Is a tributary to entered? (if required) . . . . . N/A <input checked="" type="checkbox"/>                                                                                                                                                                           | <input type="checkbox"/>            | <input type="checkbox"/>            |               |
| 4. Is the legal description of the p.d. sufficient? . . . . .                                                                                                                                                                                                            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | *             |
| 5. Is there a description of the diverting works? . . . . .                                                                                                                                                                                                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |               |
| 6. Are the water uses appropriate for the form? The short form is limited to domestic and stockwater uses with direct diversion. All claims that include storage or instream stockwater must use long form. . . . .                                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |               |
| Is the period of use included? . . . . .                                                                                                                                                                                                                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |               |
| Is a quantity claimed for each use? . . . . .                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | *             |
| 7. Is a total quantity claimed entered? . . . . .                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |               |
| 8. If required is a consumptive use entered? . . . . . N/A <input checked="" type="checkbox"/>                                                                                                                                                                           | <input type="checkbox"/>            | <input type="checkbox"/>            |               |
| Is the consumptive use correct? . . . . . N/A <input checked="" type="checkbox"/>                                                                                                                                                                                        | <input type="checkbox"/>            | <input type="checkbox"/>            |               |
| 9. Are the non-irrigation uses listed properly? If this claim is on the short form, and more than one domestic use is listed, single ownership must be stated. If not under single ownership, see Adjudication Memo # 4. . . . . N/A <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | *             |
| 10. Is (are) the place(s) of use and purpose(s) indicated? . . . . .                                                                                                                                                                                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | *             |
| 11. Is (are) the county(ies) entered? . . . . .                                                                                                                                                                                                                          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |               |
| 12. Is the ownership of p.u. checked? . . . . .                                                                                                                                                                                                                          | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |               |
| 13. Are other water rights listed or "none" indicated? . . . . .                                                                                                                                                                                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |               |
| 14. If required, are remarks correct? (If the claimant does not own the place of use, authority for filing the claim must be explained in the remarks.) . . . . . N/A <input checked="" type="checkbox"/>                                                                | <input type="checkbox"/>            | <input type="checkbox"/>            |               |
| 15. Is the basis of the claim indicated? . . . . .                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |               |
| 16. Has the claimant requested a monthly docket sheet? (If yes, describe payment status in "Comments" below.) . . . . .                                                                                                                                                  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |               |
| 17. Is the claim signed by the claimant, and is the signature appropriate? <input checked="" type="checkbox"/>                                                                                                                                                           | <input type="checkbox"/>            | <input type="checkbox"/>            | *             |
| 18. Has the claim been signed, sealed, and dated by a notary? . . . . .                                                                                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | *             |
| 19. Was this claim filed on time, or was an extension granted? . . . . .                                                                                                                                                                                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | *             |
| 20. Is the fee enclosed correct? . . . . . Exempt <input checked="" type="checkbox"/>                                                                                                                                                                                    | <input type="checkbox"/>            | <input type="checkbox"/>            | *             |
| 21. If this claim is based on an existing water right, has the identification number been entered? . . . . . N/A <input checked="" type="checkbox"/>                                                                                                                     | <input type="checkbox"/>            | <input type="checkbox"/>            |               |
| 22. Should this claim be receipted and data entered? . . . . .                                                                                                                                                                                                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |               |

Claim checked by: 43/07/89 Date: ESR

Claim must be returned to claimant: ☐ (Yes) ☒ (No)

Claimant must be sent a copy of amended claim for approval: ☐ (Yes) ☒ (No)

Receipt Prepared by: \_\_\_\_\_ Date: \_\_\_\_\_  
Claim data entered by: \_\_\_\_\_ Date: \_\_\_\_\_  
Sent to claimant by: \_\_\_\_\_ Date: \_\_\_\_\_  
Checked by: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

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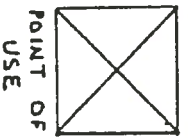
OCT 05 1992

ORIGINAL IN 77-7211

S. 211

MAP OF PROJECT AREA

BOISE MERIDIAN



POINT OF  
USE



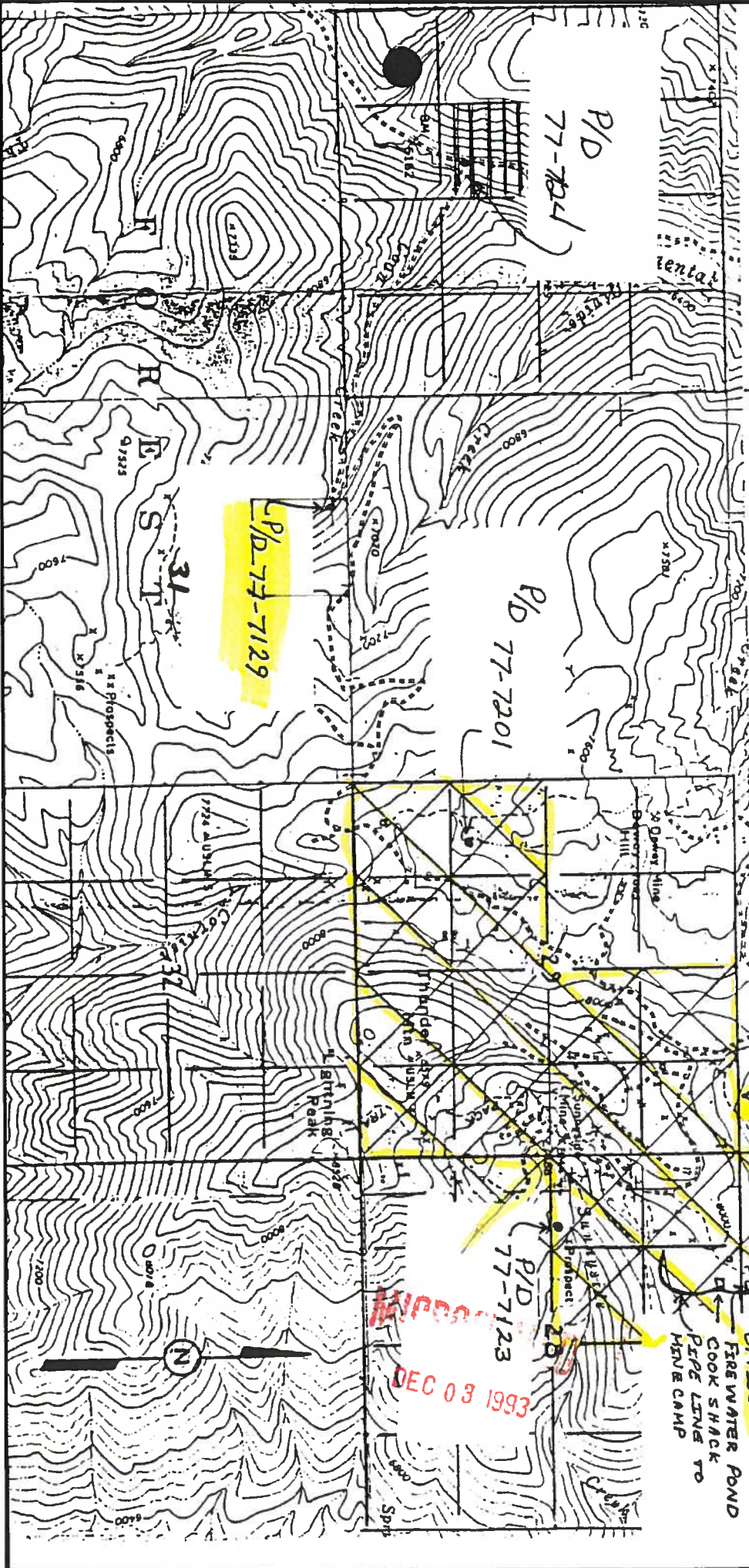
POINT OF  
DIVERSION



RIOE RIE

T19N

NE, SW, sec. 25





State of Idaho

**DEPARTMENT OF WATER RESOURCES**

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DIRK KEMPTHORNE  
Governor

KARL J. DREHER  
Director

April 5, 2004

THUNDER MOUNTAIN GOLD INC  
3605 E 16<sup>TH</sup> AVE  
SPOKANE WA 99223

Re: Notice of Claim to a Water Right No. 77-7201, 77-7211 & 77-7217

Dear Claimant(s):

Enclosed is a copy of the above referenced claim(s), which reflect the change in ownership of the land and appurtenant water rights, covered under the original filing.

**Please note that the enclosed Notice of Claim to a Water Right is not a final determination of your water right. This claim was filed during claims taking in the Snake River Basin Adjudication (SRBA) and has not yet been verified by this Department. Water rights are established and maintained by beneficial use of water for the uses designated on this claim form dating back to the priority date listed. This claim will be investigated, verified and recommended to the SRBA Court for court decree sometime in the near future. You will be notified prior to the beginning of any verification of this water right.**

Thank you for your patience and cooperation, as we have had several water right changes to process. If you have any questions concerning the enclosed claim, please feel free to contact this office.

Sincerely,

A handwritten signature in cursive script that reads "Denise Buffington".

Denise Buffington  
Office Specialist 1  
Adjudication Section  
Western Region Office

DB: db

Enclosure

**THUNDER MOUNTAIN GOLD, INC.**

**3605 East 16<sup>th</sup> Avenue  
Spokane, Washington 99223**

RECEIVED

APR 01 2004

WATER RESOURCES  
WESTERN REGION

March 30, 2004

IDWR Western Region  
2735 Airport Way  
Boise, Idaho 83705-5082

Dear Sir or Madam:

7217 ← Enclosed are two separate Notice of Change in Water Right Ownership forms, one for right ~~77-1217~~, formerly owned by Coeur Explorations, Inc., and another for rights 77-7201 and 77-7211, formerly owned by Coeur d' Alene Mines Corporation.

Please process these forms and change the name on these water rights to Thunder Mountain Gold, Inc. If you have any questions or comments, please feel free to contact me in Boise at 208-343-3051.

Sincerely,

  
G. Peter Parsley  
Project Manager

Cc: John M. Marshall, Givens Pursley LLP  
James Collord, Thunder Mountain Gold  
Richard Heaton, Dewey Mining Company

Permit No. 77-7217

- ## B. OVERLAP REVIEW

1. Other water rights with same place of use: SEE SUPPLEMENTAL REPORT FOR  
OVERLAP REVIEW ☐ Copies Attached
2. Other water rights with same point of diversion: \_\_\_\_\_  
\_\_\_\_\_ ☐ Copies Attached ☐ Copies of Field Exam's Attached

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☒ Alternative diagram attached

**Scale:** 1" = \_\_\_\_\_.

2. ☒ Copy of U.S.G.S. Quadrangle Attached  
Showing location(s) of point(s) of diversion and  
place(s) of use (required).  
☒ Photo of Diversion and System Attached  
(required for all but single household domestic groundwater, and stockwater)
- ☐ Aerial Photo Attached  
(required for irrigation of 10 acres or more)
- MICROFILMED**  
**OCT 05 1992**

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### System Description (continued)

- 3. Narrative:** Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

THIS PERMIT CONSISTS OF 6 WELLS WITH 4 HAVING PUMPS  
INSTALLED. WELLS # 1 AND 6 SUPPLY WATER TO THE FIRE WATER  
POND FOR USE IN THE EXTRACTION PROCESS. WELLS # 2 & 3  
ARE USED FOR DOMESTIC USE (A SO MAN CAMP WHICH IS  
SEPERATE FROM THE CAMP DESCRIBED IN 77-7211) WELLS 4 & 5  
SUPPLY WATER TO EITHER THE ORE CRUSHING OPERATION,  
TO THE FIREWATER POND FOR THE EXTRACTION PROCESS, OR IS  
PUMPED INTO TRUCKS FOR DUST CONTROL ON THE ROADS.

☐ See Remarks on page 4 for continuation

- 4.

| Well or Diversion Identification No.* | Motor Make        | Hp      | Motor Serial No. | Pump Make            | Pump Serial No. or Discharge Size |
|---------------------------------------|-------------------|---------|------------------|----------------------|-----------------------------------|
| WELL # 2                              | UNKNOWN           | 10HP    | UNKNOWN          | UNKNOWN              | 2"                                |
| WELL # 4                              | UNKNOWN           | 10 HP   | UNKNOWN          | UNKNOWN              | 2 1/2"                            |
| WELL # 5 A                            | UNKNOWN           | 2- 10HP | SUBM. PUMPS      | FIELD INTO IMANFIELD | 2" TO A 3" MAINLINE               |
| # 5 B                                 | BRIGGS & STRATTON | 3 HP    | 88041803         | BRIGGS & STRATTON    | 2"                                |

\*Code to correspond with No. on map and aerial photo

5. **Point(s) of Diversion:**

SEE SUPPLEMENTAL FOR ALL 6 P/D'S

| Ident. No. | Gov't. Lot | ¼ | ¼  | ¼  | Sec. | Twp. | Rge. | County | Method of Determination/Remarks |
|------------|------------|---|----|----|------|------|------|--------|---------------------------------|
| 1.         |            |   | SE | NE | 29   | 19N  | 11E  | VALLEY | QUAD MAP.                       |
| 2          |            |   | NE | SW | 29   | "    | "    | "      |                                 |
| 3          |            |   | NE | SW | 29   | "    | "    | "      |                                 |
| 4          |            |   | NE | NE | 29   | "    | "    | "      |                                 |

6. Place(s) of Use:

NESE 29 " " " Indicate Method of Determination QUAD MAP

[illegible]

**Do not use this space**

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Do not use this space

#### D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

| Measurement Equipment          | Type | Make     | Model No. | Serial No. | Size | Calib. Date |
|--------------------------------|------|----------|-----------|------------|------|-------------|
| WELL #2 FLOW METER             |      | ROCKWELL |           | 37756123   | 2"   |             |
| WELL #4 FLOW METER             |      | ROCKWELL |           | 38698772   | 2"   |             |
| WELL #5A SAME METER AS WELL #4 |      |          |           |            |      |             |
| STOPWATCH / 5 GAL BUCKET       |      |          |           |            |      |             |
| 6 FLOW METER                   |      | ROCKWELL |           | 37806108   | 2"   |             |

2. Measurements:

$$\begin{aligned}
 \text{WELL \#2} & - 10 \text{ GAL IN } 49.5 \text{ SEC} = \frac{10 \text{ GAL}}{49.5 \text{ SEC}} \cdot \frac{60 \text{ SEC}}{\text{MIN}} \cdot \frac{1 \text{ CFS}}{448.8 \text{ GAL/MIN}} = 0.027 \text{ CFS} \\
 \text{WELL \#4} & - 10 \text{ GAL IN } 5.6 \text{ SEC} = \frac{10 \text{ GAL}}{5.6 \text{ SEC}} \cdot \frac{60 \text{ SEC}}{\text{MIN}} \cdot \frac{1 \text{ CFS}}{448.8 \text{ GAL/MIN}} = 0.239 \text{ CFS} \\
 \text{WELL \#5A} & - 10 \text{ GAL IN } 8.5 \text{ SEC} = \frac{10 \text{ GAL}}{8.5 \text{ SEC}} \cdot \frac{60 \text{ SEC}}{\text{MIN}} \cdot \frac{1 \text{ CFS}}{448.8 \text{ GAL/MIN}} = 0.157 \text{ CFS} \\
 \text{WELL \#6} & - 5 \text{ GAL IN } 2 \text{ SEC} = \frac{5 \text{ GAL}}{2 \text{ SEC}} \cdot \frac{60 \text{ SEC}}{\text{MIN}} \cdot \frac{1 \text{ CFS}}{448.8 \text{ GAL/MIN}} = 0.334 \text{ CFS} \\
 \text{WELL \#6} & - 10 \text{ GAL IN } 21.4 \text{ SEC} = \frac{10 \text{ GAL}}{21.4 \text{ SEC}} \cdot \frac{60 \text{ SEC}}{\text{MIN}} \cdot \frac{1 \text{ CFS}}{448.8 \text{ GAL/MIN}} = 0.062 \text{ CFS}
 \end{aligned}$$

#### E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

TOTAL = 0.819 CFS

1. Measured Method:

2. Alternate Method for Checking Purposes:

#### F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: \_\_\_\_\_ psi x 2.31 = \_\_\_\_\_ ft (1); Dynamic pumping level: \_\_\_\_\_ ft (2)

Total Head: (1) + (2) = \_\_\_\_\_ (3)

; Flow rate: \_\_\_\_\_ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = \_\_\_\_\_ (5)

Meter Input KW: 3.6 x \_\_\_\_\_ KH x \_\_\_\_\_ CTR or \_\_\_\_\_ MULT x \_\_\_\_\_ PTR x \_\_\_\_\_ N/ \_\_\_\_\_ T = \_\_\_\_\_ (6)

Meter Input HP: (6) x 1.34 = \_\_\_\_\_ (7)

Panel Input KW: \_\_\_\_\_ Ave PF x \_\_\_\_\_ Ave Volts x \_\_\_\_\_ Ave Amps x .001732 = \_\_\_\_\_ (8)

Panel Input HP: (6) x 1.34 = \_\_\_\_\_ (7) Efficiency: (5)/(7) x 100 = \_\_\_\_\_ %

#### G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$  \_\_\_\_\_

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$  \_\_\_\_\_

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$  \_\_\_\_\_

2. Volume Calculations for Other Uses:

$$0.03 \times 365 \times 1.9835 = 21.7 \text{ AFA}$$

50 MAN CAMP

$$50 \text{ GAL PER DAY} \times 50 \text{ MEN} = 2500 \text{ GAL/DAY} \times 0.001118 = 2.8 \text{ AFA}$$

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

FOR THE SYSTEM DESCRIPTION IN RELATION TO THE OTHER  
PERMITS SEE THE UPG OVERVIEW OF WATER RIGHTS

PHOTOS IN FILE 77-7211

I. RECOMMENDATIONS

1. Recommended Amounts

| Beneficial Use | Period of Use |       | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afa) |
|----------------|---------------|-------|------------------------------|--------------------------|
|                | From          | To    |                              |                          |
| MINING         | 1-1           | 12-31 | 0.82 CFS                     | —                        |
| DOMESTIC       | 1-1           | 12-31 | 0.03 CFS                     | 2.8 AFA                  |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
| Totals:        |               |       | 0.82 CFS                     | 2.8 AFA                  |

2. Recommended Amendments

- ☐ Change P.D. as reflected above      ☐ Add P.D. as reflected above      ☐ None  
☐ Change P.U. as reflected above      ☒ Add P.U. as reflected above      ☐ Other

J. AUTHENTICATION

Field Examiner's Name KELLY K. CHRISTENSEN

Signature Kelly K. Christensen

Certification Date \_\_\_\_\_

Field Report Preparation Date 11-14-89

CONSULTANT SEAL

- K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

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## COVER- THUNDER MOUNTAIN WATER RUNOFF.

WATER INITIALLY IS STORED IN A PLASTIC LINED PIT DIVIDED INTO TWO PARTS. ONE PORTION HOLDS 30,000 GAL AND ACTS AS A SETTLING POND FOR ANY RUNOFF ENTERING THE SYSTEM. THE MAIN POND HOLDS 550,000 GAL. (VOLUME IS FROM ENGINEERS REPORT FOR THUNDER MTN) POND IS REFERRED TO AS THE "FIRE WATER" POND.

WATER IS THEN USED FROM THE POND ON THE HEAP LEACH (CHEMICAL EXTRACTION PROCESS), IN THE MILLING OPERATIONS, TO AGGLOMERATE THE ORE, AND FOR DUST CONTROL.

WATER FROM PERMITS 77-7201, 77-7123, 77-7217, 77-7129, AND 77-7124 ARE USED IN THIS MANNER. DELIVERY FROM EACH P/D IS DESCRIBED IN ITS RESPECTIVE FIELD REPORT.

NO DOMESTIC USE WAS FOUND FOR THE ABOVE PERMITS.

PERMIT 77-7211 IS FOR DOMESTIC USE BUT THE OVER FLOW DUMPS INTO THE FIRE WATER POND. NORMAL OPERATION IS TO SHUT THE PUMP OFF BEFORE WATER REACHES THE OVERFLOW SPOUT.

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