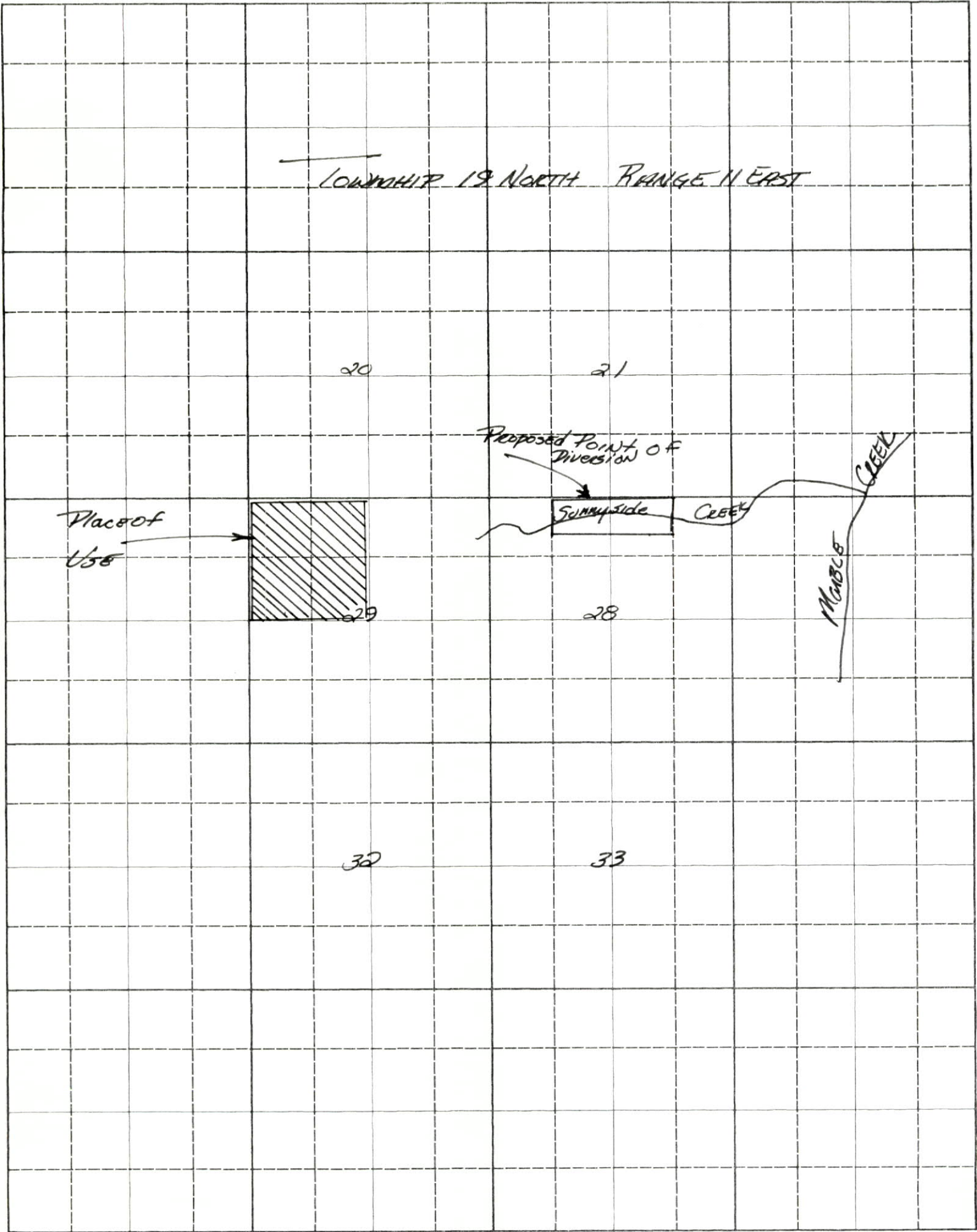


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Robert T. Richins
(Applicant)

RECORDED

Robert T. Richins
Agent for Canadian Superior Mining

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

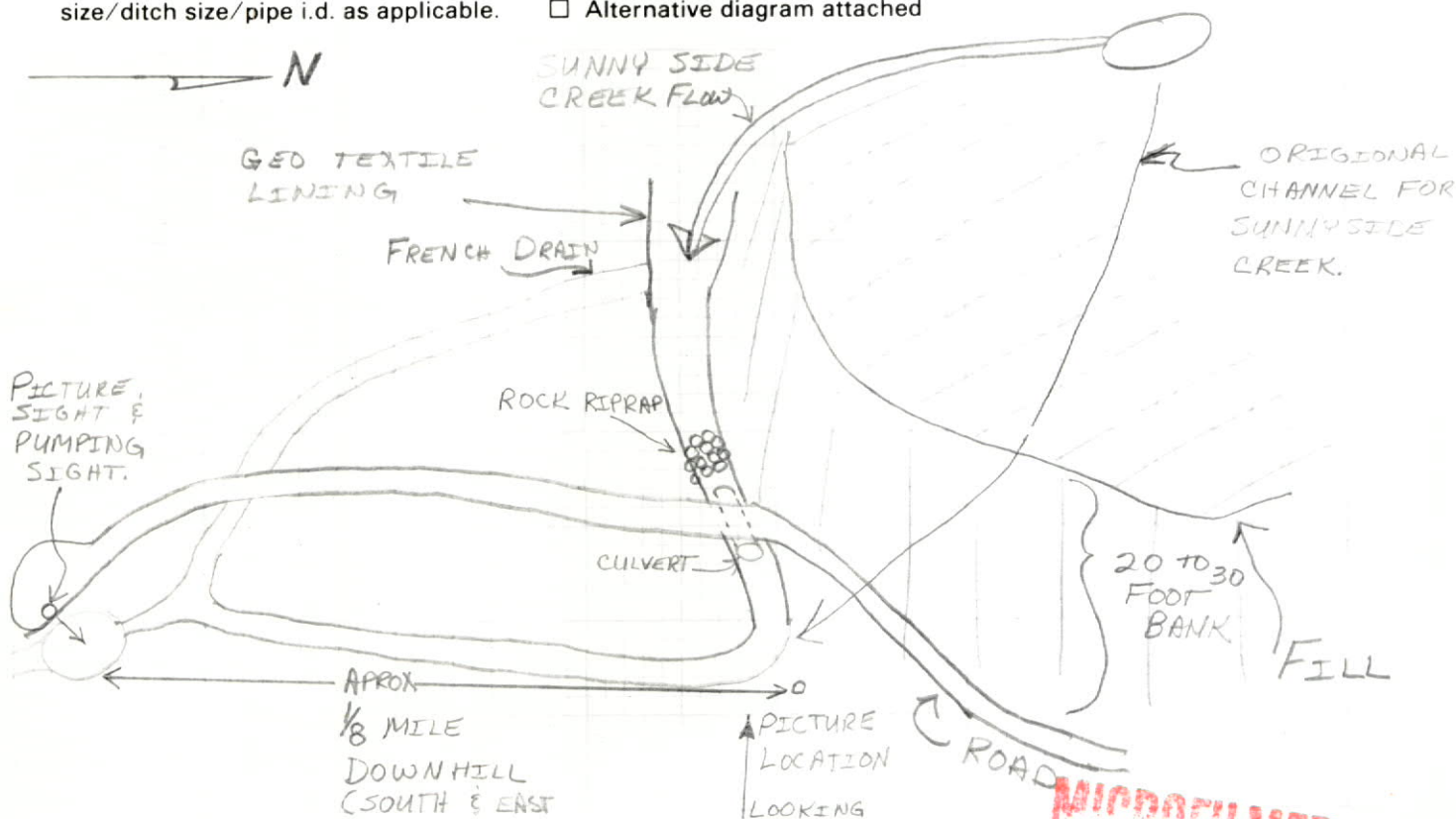
Permit No. 77-7123
1. Owner: COEUR-THUNDER MOUNTAIN INC. Phone No. 385-0373
Current Address: 2417 BANK DR. SUITE 302 BOISE ID 83705
2. Accompanied by: IVAN URNOVITZ EXAM. DATE: 8-19-88
Address: 2417 BANK DR SUITE 302 BOISE Phone No. 385-0373
Relationship to Permit Holder: MINE ENGINEER
3. Source: SUNNY SIDE CREEK tributary to MARBLE CREEK

B. OVERLAP REVIEW

1. Other water rights with same place of use: 77-7124 ; 77-7201 ; 77-7129
77-7217 ← LADSEO & 2/20/92 ☐ Copies Attached
2. Other water rights with same point of diversion: NONE
☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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

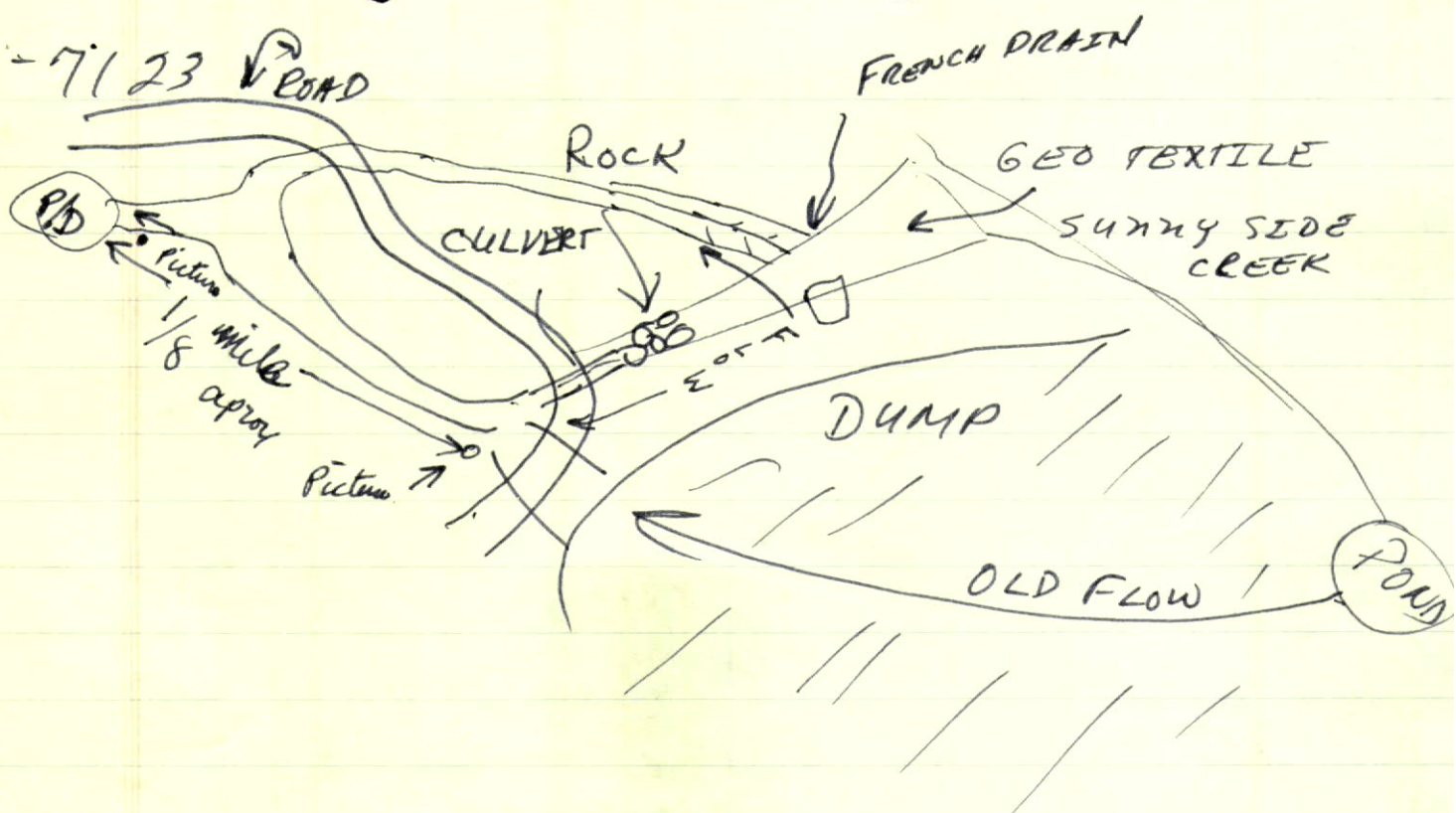


Scale: 1" = _____

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).

SEP 03 1993

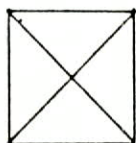
77 - 7123 ROAD



MICROFILMED

DEC 03 1993

BOISE MERIDIAN

POINT OF
USE

POINT OF DIVERSION

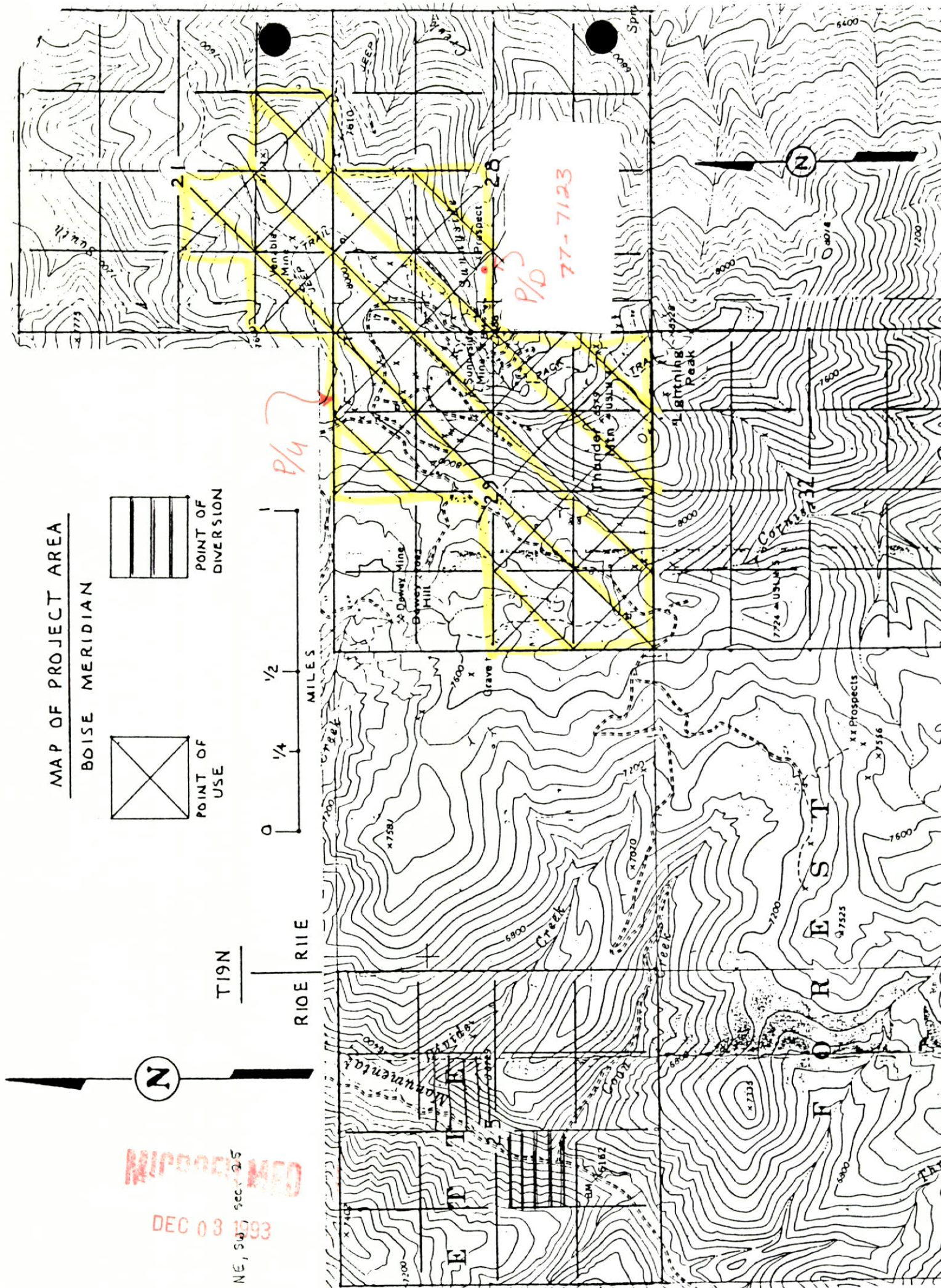
1961

R10E | R11E

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

NE, sub sec. 25

DEC 03 1993



77-07123

SUNNY SIDE CREEK ALIGNMENT



THIS IS THE P/D. A PORTABLE PUMP LIFTS WATER FROM THIS POND



DEC 08 1993

77-07123



PICTURE OF PUMP USED MEASUREMENT MADE
TAKEN AT P/D FOR 77-7201. SAME PUMP IS USED
FOR EACH PERMIT. LIFT AT EACH SITE IS
SIMILAR THEREFORE A SINGLE MEASUREMENT
FOR BOTH PERMITS IS USED.

NOT FILMED

DEC 03 1993

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 77-07123

Priority: April 16, 1981

Maximum Diversion Rate:

0.48 CFS

Maximum Diversion Volume:

27.5 AF

This is to certify, that THUNDER MOUNTAIN GOLD INC

301 S CHESTNUT STE 7

SPOKANE WA 992040970

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 16, 1981; and has submitted Proof of Beneficial Use on August 15, 1988. An examination indicates that the works have a diversion capacity of .480 cfs of water from:

SUNNYSIDE CREEK

tributary to MARBLE CREEK

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	0.48 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
DIVERSION TO STORAGE	01/01 to 12/31	0.48 CFS	
	Totals	0.48 CFS	27.5 AF

LOCATION OF POINT(S) OF DIVERSION:

SWNW , Sec. 28, 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

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.

RECORDED

DEC 03 1993

State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**
WATER RIGHT NO. 77-07123CONDITIONS/REMARKS:

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. The total combined rate of diversion under this right and Right No. 77-07201 shall not exceed .48 cfs.
9. The diversion of water under this right may be affected by the agreement dated 12/7/1984.
10. Mining use is for multiple operations for gold extraction and dust control.

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 17th day of NOVEMBER, 1993.

Acting for R. Keith Higginson, Director

RECEIVED

DEC 03 1993

RECEIVED

SEP 13 1993

State of Idaho
Department of Water Resources

Department of Water Resources

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 77-07123

RECEIVED

AUG 24 1993

Department of Water Resources

APPROVED

Date of Priority: April 16, 1981

Maximum Diversion Rate:

0.48 CFS

Maximum Diversion Volume:

27.5 AF

Comes now

THUNDER MOUNTAIN GOLD INC

301 S CHESTNUT STE 7

SPOKANE WA 992040970

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. 77-07123, and requests that the permit be changed as follows:

Source: SUNNYSIDE CREEK

tributary to MARBLE CREEK

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
MINING	01/01 to 12/31	0.48 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
DIVERSION TO STORAGE	01/01 to 12/31	0.48 CFS	
	Totals	0.48 CFS	27.5 AF

LOCATION OF POINT(S) OF DIVERSION:

SWNW, Sec. 28, 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

RECEIVED

DEC 03 1993

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 77-07123

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at Cascade ID, this 7th day of Sept, 19 .

James Collo
(Signature)

RECEIVED
DEC 03 1993

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 77-07123

FOR DEPARTMENT USE ONLY

Preliminary check by BC Fee = 20⁰⁰ Receipted by CA # 0028425 Date 8-24-93 ✓

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 77-07123 with the following;

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. The total combined rate of diversion under this right and Right No. 77-07201 shall not exceed .48 cfs.
9. The diversion of water under this right may be affected by the agreement dated 12/7/1984.
10. Mining use is for multiple operations for gold extraction and dust control.

DEC 03 1993

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)

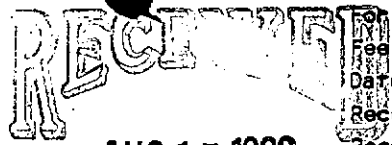
WATER RIGHT NO. 77-07123

Witness my hand this 17TH day of NOVEMBER, 1993.

Acting for *R. Keith Higginson*
R. Keith Higginson, Director

RECEIVED

DEC 03 1993



For Office Use Only
Fee Received \$100.00
Date 8/16/88
Receipt # C002243
Receipt by CP
Reviewed by GB
Sent to region

STATE OF IDAHO

AUG 15 1988

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 77-7123

Name(s) of Permit Holder: Thunder Mountain Gold, Inc.

Post Office Address: 1306 Washington Mutual Bank Bldg., Spokane, WA 99201

Telephone No. N/A

Source of Water: Sunnyside Creek

Extent of Use:

Domestic (number of households) Stockwater (number and type of stock)

Irrigation (acres) Other/Remark Mining/Milling

Total rate and/or volume for which proof is submitted 0.5 cfs acre-feet

Show the date water was first diverted and beneficially used under this permit: July 1987

Measuring Device: Required? Yes X No
Installed? Yes X No

Fee enclosed \$ 100.00
(See License Examination Fee Schedule)

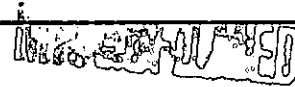
Flow Measurement Port: Required? Yes X No
Installed? Yes X No

Person to contact to accompany the Department representative during the field examination:

R.K. (Ivan) Urnovitz, Coeur d'Alene Mines Corporation (208) 385-0373
(Name) (Telephone Number)

2417 Bank Dr., Suite 302, Boise, ID 83705
(Address)

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.



OCT 12 1988

8/12/88

Date

R.K. Urnovitz Governmental Affairs Assistant Manager
Signature of Permit Holder (and title, if appropriate)

State of Idaho
Department of Water Resources
APPLICATIONS FOR
ASSIGNMENT OF PERMIT

I, Canadian Superior Mining (US) Ltd, hereby assign to Thunder Mountain Gold, Inc.

of _____
Address _____

CHECK ONE

☒ All my right, title, and interest in and to Permit No. 77-7123, 77-7124, 77-7125,
to appropriate the public waters of the State of Idaho. 77-7126, 77-7127, 77-7128,
77-7129, 77-7130

☐ The following described portion of my right, title, and interest in and to Permit
No. _____ to appropriate the public waters of the State of Idaho.

(Describe that portion of the permit being assigned by listing the acreage within
each 40 acre subdivision, the point of diversion and the amount of water in cubic
feet per second for direct diversion, or acre feet for storage)

Made this 22nd day of March, 19 82.

[Signature]
Permit Holder

CANADIAN SUPERIOR MINING (U.S.) LTD.

Spouse of Permit Holder

Province of British Columbia

State of Idaho)

County of Vancouver) ss.

On this 25th day of March, 19 82, personally
appeared before me the signer(s) of the above instrument, who duly acknowledged to me
that he (she) (they) executed the same.

seal

My commission does not expires:

MICROFILMED

[Signature]
Notary Public residing at Vancouver

British Columbia

RECORDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Canadian Superior Mining (U.S.) Ltd. Phone (509) 624-4211

Post office address P. O. Box 385, Spokane, Washington 99210

2. Source of water supply Sunnyside Creek which is a tributary of Marble Creek

3. Location of point of diversion is NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 28 Township 19N

Range 11E B.M. Valley County, additional points of diversion if any: _____

NW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 28 Township 19N Range 11E

4. Water will be used for the following purposes:

Amount 10 AF for Mining Storage purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 10 AF for Domestic Storage purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 1.64 cfs for Mining purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .36 cfs for Domestic purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated: *per agreement of 1/7/1984 - kw

Allow 0.50 cfs*

a. -2- cubic feet per second and/or b. 10 acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. DAM, pump, pipeline

b. Height of storage dam 8 feet, active reservoir capacity 10 acre-feet; total reservoir capacity 10 acre-feet, materials used in storage dam: earthfill

Period of year when water will be diverted to storage May 1 to Oct. 1 inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: _____ $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 29 Township 19N

Range 11E B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water 100.

(5) If water is to be used for other purposes describe: mining, and milling of local mineral ore

RECORDED

MACGILLIVRAY

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

Total number of acres to be irrigated _____

c. Describe any other water rights used for the same purposes as described above. Application for water rights on Coon Creek, Divide Creek, Fall Creek, Cornish Creek, Marble Creek, and Roosevelt Lake.

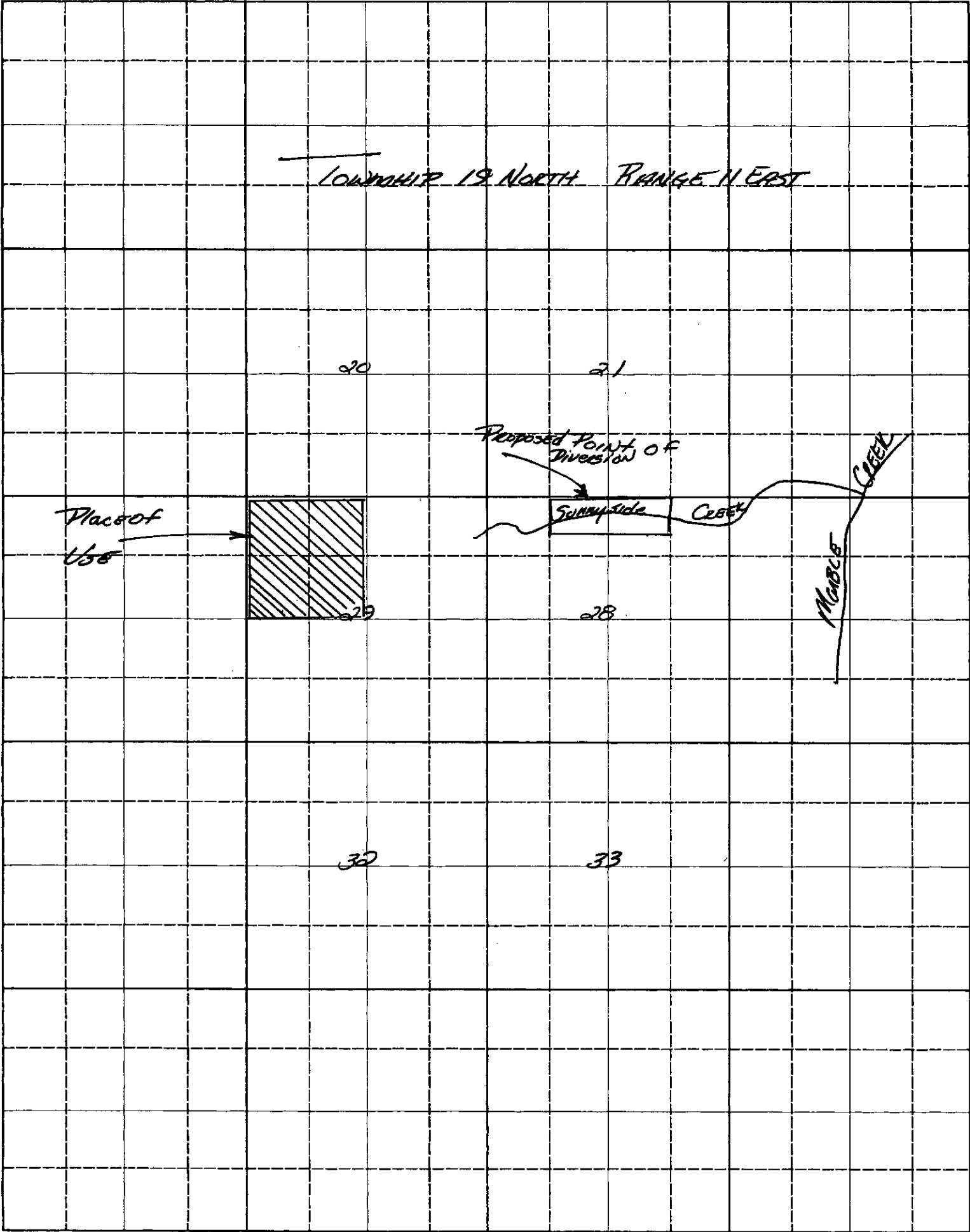
9. a. Who owns the property at the point of diversion United States Forest Service

b. Who owns the land to be irrigated or place of use United States Forest Service

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing Mineral claims are under lease to or owned by Canadian Superior Mining

10. Remarks The entire township and range are within the boundaries of the Idaho Primitive area and is unsurveyed.

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



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Robert T. Richins
(Applicant)

MICROFILMED

Robert T. Richins
Agent for Canadian Superior Mining

Proposed Priority 4/16/81

Received by h/n Date 4/16/81 Time 10:75

Preliminary check by cen Fee \$ 65.00

Received by nel Date 4/16/81 # 18834

Publication prepared by nel Date 4/23/81

Published in 7 4/30 & 5/7/81

Publication dates Star News

Publication approved nel Date 2/13/81

Protests filed by: none

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by DBS kw

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 77-7123, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before January 1, 19 90.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. Other: Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

The issuance of this permit in no way grants any right-of-way or easement across the land of another.

In the event that water used under this permit 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 permit if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.

No more than 0.50 cfs may be diverted under this permit and the combined diversion of this permit and permit no. 77-7127 shall not exceed 0.50 cfs.

The diversion of water under this permit may be affected by the agreement dated 12/07/1984.

Witness my hand this 22nd day of January, 1985.

J. Glen Saxton
Chief, Operations Bureau



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

November 22, 1993

THUNDER MOUNTAIN GOLD INC
301 S CHESTNUT STE 7
SPOKANE WA 992040970

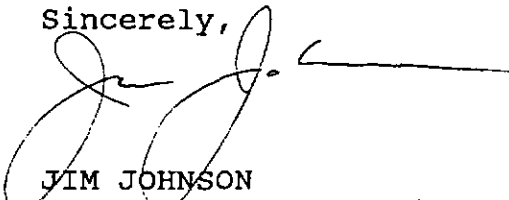
RE: WATER RIGHT NO. 77-07123

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved application for amendment.

Should you have any questions regarding these documents, please feel free to contact this office.

Sincerely,



JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

RECEIVED
DEC 03 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

August 25, 1993

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

THUNDER MOUNTAIN GOLD INC
JAMES COLLORD PRESIDENT
301 S CHESTNUT STE 7
SPOKANE WA 99204-0970

RE: WATER RIGHT NOS. 77-07123, 07124, & 07129

Dear Mr. Collord:

We received the licensing amendment fees for the above referenced permits; however, the amendments were not signed. I am returning them to you for signature. For your convenience, I have highlighted the lines on each form you are to complete.

Please return the signed amendments within 15 days to prevent any further undue delay in licensing these permits. Since I am handling the review procedure, please send the forms to my attention and it will help expedite the process.

Thank you for your assistance and if you have any questions, feel free to contact me.

Sincerely,

BRENDA L. CHAPMAN
Water Resource Agent

Enclosures

Microfilm

DEC 03 1993

R. Keith Higginson Director
State of Idaho, Department of
Water Resources, 1301 North Orchard
Statehouse Mall, Boise, Idaho

8/21/93

Dear Mr Higginson:

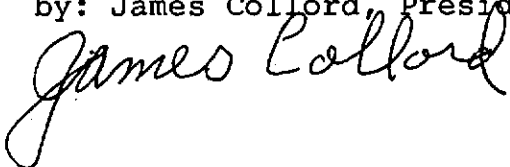
I am sending the enclosed water rights for recordation in your office.

I am enclosing a check in the amount of \$60.00 for payment of the three water rights.

Sincerely,

THUNDER MOUNTAIN GOLD

by: James Collord, President



RECEIVED

DEC 03 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

August 10, 1993

THUNDER MOUNTAIN GOLD INC
301 S CHESTNUT STE 7
SPOKANE WA 992040970

RE: WATER RIGHT NO. 77-07123

Dear Water Right Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed application for amendment contains information that will be included on the license when it is issued. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 14 days.

If you do not concur with these findings or if you have any questions, please contact me within the 14-day period.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Johnson', written over the typed name and title.

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

RECORDED

DEC 03 1993

WR0749NP
No. L77-07123

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 08/09/93
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	THUNDER MOUNTAIN GOLD INC 301 S CHESTNUT STE 7 SPOKANE WA 992040970 (509) 456-8383	04/16/1981	MINING	01-01 12-31	0.48 CFS	25.7 AFA
			MINING STORAGE	01-01 12-31		1.8 AFA
			MINING FROM STORAGE	01-01 12-31		1.8 AFA
			DIVERSION TO STORAGE	01-01 12-31	0.48 CFS	
TOTAL DIVERSION:					0.48 CFS	27.5 AFA

Water Source: SUNNYSIDE CREEK

Tributary to: MARBLE CREEK

Stage: LICENSE

Point(s) of Diversion Capacity: 0.48 CFS

Point(s) of Diversion: T19N R11E S28 SW NW

Place of use Legal Description for: MINING

				NE				NW				SW				SE			
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac
19N	11E	21	:																
19N	11E	28	:																
19N	11E	29	:	M		M		M		M		M		M		M		M	

Place of use location for MINING FROM STORAGE is the same location as described for: MINING

Pou County: VALLEY

~~Non-Irrigation Uses: D/100 HOMES.~~

Conditions of Approval:

- 004 - The issuance of this right in no way grants any right-of-way or easement across the land of another.
- R06 - 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.
- 09E - Water used under this right if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.

Remarks: The total combined rate of diversion under this right and Right No. 77-07201 shall not exceed .48 cfs.
The diversion of water under this right may be affected by the agreement dated 12/7/1984.
Mining use is for multiple operations for gold extraction and dust control.

Dates: App. Received: 04/16/1981 Priority Date: 04/16/1981
Proof Due Date: 01/01/1990 Proof Made Date: 08/15/1988
Exam Made Date: 09/19/1988 Exam Sent to S.O.: 04/14/1992
Licensed Date:

A

LICENSE REVIEW CHECKLIST

Permit # 77-07123 Date 8-5-93 Brenda Chapman

NAME Check Or Address Change?

PRIORITY DATE ✓ Advance? ✓ Memo to Advance Order to Reinstate Needed?

SOURCE ✓ Changes? Clarification of Originally Intended source ✓ Notice of Intent to Void - Source change.

P/D ✓ Amendment Needed? Change to SWNW ✓ Is Overlap Analysis a Consideration?

P/U ✓ Amendment Needed? ✓ Is Overlap Analysis a Consideration?

TOTAL CFS ✓ Incorrect Fee for rate recommended? $\frac{50 \times 60}{14} = 214.2$ ✓ Disagree/Measurement 50 gal w 14 SEC ✓ Pumping Theoretical $8.8 \times .70 \times + 2.31 \times$ System Capacity .48 Allowable Amount: CAPACITY of .48

TOTAL VOLUME Rate/ac AFA Irr. Season Standard Irr. Season Season Recommended Disagree with Examiner's Calculations? $\frac{8372000}{4200+5000} = 9200 \times 5 = 46000 \text{ gpd} \times (90+92) = 325850 = 25.7 \text{ af}$ Flow limit: .48 x 182 x 1.9835 = 173.2

USES ✓ Change(s) in Nature of Use? ✓ Amendment Needed?

REMARKS ✓ Multiple P/Ds in 1/4 1/4? ✓ Non-Irr. Uses MINING USES WB1 Special Overlap Condition RIGHT 77-0720/ Other

CONDITIONS ✓ Measuring/Locking Devices ✓ Misc/Dates ✓ W/Master Control ✓ Water Dist ✓ Irrigation Overlap 4-16-81 App Rec'd 8-19-88 Exam Made Water Quality

COMMENTS: Permit 77-7127 that was originally combined with this One for diversion - Capacity is lapsed (8-16-90); AMEND P/D DELETED DOMESTIC USES - NONE FOUND

RECOMMENDED	CFS	VOL
13- mining	.48	25.7
14- MINING STORAGE		1.8
55- DIVERSION TO STORAGE	.48	
15- MINING FROM STOR		1.8
Totals	.48	27.5

LICENSE AMEND ✓

BASED on
182 days
of operation

MEMORANDUM

TO: FILES

FROM: STEVE LESTER

DATE: FEBRUARY 21, 1992

SUBJECT: EXAMS FOR PERMITS 77-07123 -07124 -07129 -07201 -07211 -07217

These permits for the mining operations at Thunder Mtn. Mine should be reviewed together. The examiner did a good job of describing these and making recommendations.

Note condition of approval that rights -07124 -07129 -07201 should not exceed .50 cfs when combined. Likewise, rights -07123 -07201 should not exceed .48 cfs (use of same pump at different locations means capacity limitation).

Storage occurs at the Fire Water pond location and equals two ponds for 1.8 af. Water is diverted from several surface water sources and several wells to the pond system. Pond water is then withdrawn for a variety of mining uses. All rights with storage recommendations should reflect the storage capacity not to exceed 1.8 af. Storage is determined on the 24-hr. rule. Storage occurs in SESW S.21 per topo in -07211.

It is debatable if wells should include storage but appears that they should. If not, perhaps another method to estimate mining volume requirement (Vr) would be needed.

To estimate mining Vr, I used available information as shown in -07124. About five loads per day (5 loads for each truck) formed the basis of the estimate. This seems reasonable based on examining similar mining sites. This method was used for the wells even though well water is not used to fill trucks. No other information is available, and it seems reasonable to use this method to estimate mining Vr, which is a crude estimate under the best of circumstances.

Domestic P/U was determined from the topo and typed notes ("overview"). Domestic use does not occur in all of the mining tracts.

The area is an unsurveyed site. Amendments for P/D and P/U should not require a fee because of this. However, other amendments will require a fee (N/U).

For all of the permits, proof of b.u. was filed in 1988 and SRBA claims are not required.

DO NOT
AGREE
CAN'T
FIND
ANY
BASIS
FOR THIS
THEORY
FEES ARE
REQUIRED

UNREVIEWED

DEC 03 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 77-7123

1. Owner: COEUR-THUNDER MOUNTAIN INC.

Phone No. 385-0373

Current Address: 2417 BANK DR. SUITE 302 BOISE ID 83705

2. Accompanied by: IVAN URADQUITZ

EXAM. DATE: 8-19-88

Address: 2417 BANK DR SUITE 302 BOISE

Phone No. 385-0373

Relationship to Permit Holder: MINE ENGINEER

3. Source: SUNNYSIDE CREEK tributary to MARBLE CREEK

B. OVERLAP REVIEW

1. Other water rights with same place of use: 77-7124; 77-7201; 77-7129

77-7217 LADDED 8/22/82

☐ Copies Attached

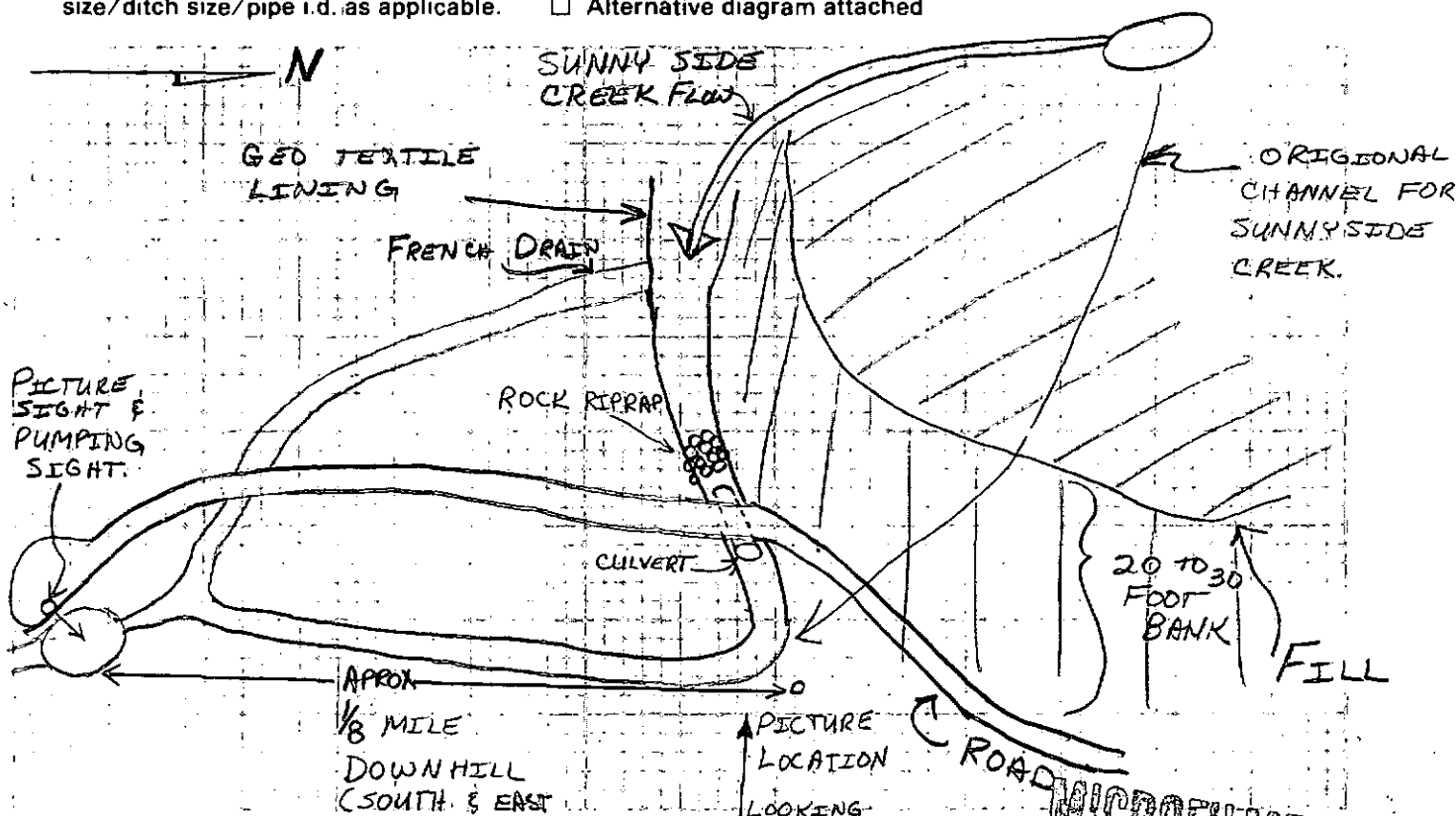
2. Other water rights with same point of diversion: NONE

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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).

DEC 03 1993

System Description (continued)

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

SYSTEM IS A PORTABLE DIESEL PUMP LIFTING WATER FROM A SMALL POND TO FILL WATER TRUCKS (4200 GAL & 5000 GAL CAPACITY). WATER IS THEN USED FOR DUST CONTROL OR DUMPED INTO A PLASTIC LINED STORAGE PIT AT THE OFFICE SITE FOR VARIOUS MINING USES. THE ORIGINAL CHANNEL OF SUNNYSIDE CREEK WAS ALTERED BY DUMPING MINING TAILINGS OVER THE ORIGINAL PATH. THE ALTERNATE PATH WAS DESIGNED TO MEET FOREST SERVICE SPEC.

☐ 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
	WISCONSIN	UNK	MDL WD1750	GORMAN RUPP	3" FLARED TO 4"

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

5. Point(s) of Diversion:

UNSURVEYED AREA

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
					SW NW 28	19N	11E	VALLEY	QUAD MAP

6. Place(s) of Use:

Indicate Method of Determination QUAD MAP

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
19N	11E	21									X		X	X			X		
		28					X	X	X	X									
		29	X	X	X	X					X	X	X	X	X	X	X	X	

Do not use this space

DEC 03 1993

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
55 GAL DRUM						
STOP WATCH						

2. Measurements:

50 GAL IN 14 SEC

* AS IN 77-07201

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$$50 \frac{14}{60} = 214.2 \text{ GPM} / 448.8 = \underline{\underline{0.48 \text{ CFS}}}$$

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = NA 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 = _____ (6)

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:

FIRE WATER POND

$$580,000 \text{ GAL} / \frac{325,829}{325,850} =$$

$$V_R = 25.7 \text{ sec } 77-07124$$

$$V_D = (-48)(365)(1.9835) = 347.5$$

allow 25.7

$$1.78 \approx \underline{\underline{1.80 \text{ AF}}}$$

RECORDED

DEC 03 1993

2/20/94

H. REMARKS AND OVERLAP REVIEW ANALYSIS

THE POND AT THE P/D IS LESS THAN 0.10 AF AND THEREFORE NOT CONSIDERED AS A PART OF THE STORAGE RIGHT. STORAGE RIGHT REFLECTS THE "FIREWATER" POND, FOR ADDITIONAL INFO SEE ATTACHMENT.

PERMIT RATE = 0.50 CFS

PERMIT STORAGE = 10 AF

FEE POL FOR MAX = 1.00 CFS

MEASURED RATE = 0.48 CFS

RECOMMENDED RATE

MEASURED STORAGE = 1.80 AF

RECOMMENDED RATE

* This right, when combined with right 77-07201, shall not exceed the diversion capacity of .48 cfs (same pump used for 2 sources).

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
MINING STORAGE	1-1	12-31	-	1.80 AF
MINING FROM STORAGE	1-1	12-31	-	1.80
DIVERSION TO STORAGE	1-1	12-31	0.48	
MINING	1-1	12-31	0.48	25.7
Totals:			0.48 CFS	1.80 AFA

* 2. Recommended Amendments NO FEE FOR AMENDMENT 12 UNLAWFUL AS TO P/D & P/U CHANGES 27.5

☒ 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 DIV. 7, 7th

J. AUTHENTICATION

Field Examiner's Name

KELLY K. CHRISTENSEN

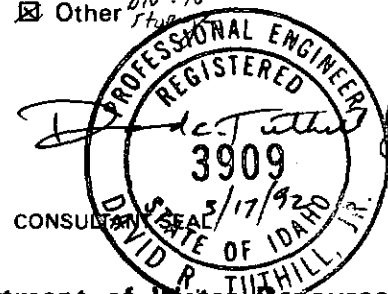
Signature

Kelly K. Christensen

Certification Date

Field Report Preparation Date

1-25-89



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

DEC 03 1993

COEUR-THUNDER MOUNTAIN INC.
2417 BANK DR. SUITE 302
BOISE, ID 83705

OVERVIEW OF ALL WATER RIGHTS AS OF 8-17-1989

Coeur-Thunder Mountain, as of this date, has seven water rights. Field exams were completed in 1988 for permits (77-7123, 77-7124, 77-7129, and 77-7201). Permits (77-7211 and 77-7217) were examined in 1988 but after the examination it was determined that additional P/Ds needed to be added to these permits and therefore they were reexamined on 8-17-1989. One permit, (77-7127), is waiting for the Proof of Beneficial Use to be filed. Proof is due in 1990.

As all rights are used in the mining operations and at times overlap in use, this is an overview of all rights as a system. Field notes are included in the individual files as to the conditions that existed at exam time and this is not to replace the notes but to condense and summarize them.

There are two major mining systems, one utilizes the fire water pond and concerns the removal of gold from the ore, and the second relates to the crushing operation. The domestic use is also divided into two different P/U locations with the sources coming from different permits. The original system description below is followed by the revised system description as was found on 8-17-89.

A COPY OF THE ORIGINAL REPORT FOUND IN 77-7124
(this is an overall system description)

Water is initially 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). The 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 abatement.

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 it's respective field report.

No domestic use was found for the above permits.

Permit 77-7211 is for domestic use but the overflow dumps into the fire water pond. Normal operation is to shut the pump off before water reaches the overflow spout.

END OF REPORT COPY.

MICROFILMED
DEC 03 1993

DOMESTIC USE REVIEW

Domestic use is covered by permits 77-7211 and 77-7217. Both permits have multiple P/Ds and also cover mining uses.

Permit 77-7211 supplies water from a well to the domestic use located near the office complex. This use is documented in the original field report dated 8-19-1988. That report is for supplemental use only as the field report dated 8-17-1989 covers the system as it exists now.

Permit 77-7217 supplies water from a well to a 50 man camp site located approximately one mile southwest of the office complex. This is not the camp site described in the report for 77-7211. The original notes are found on a supplemental sheet labeled "Golden Eagle".

PERMITS UTILIZING WATER TRUCKS AS THE PRIMARY METHOD OF CONVEYANCE

Permit 77-7124	aka	Monumental Creek Diversion
77-7129	aka	Coon Creek Diversion
77-7201	aka	Spring to Mule Creek
77-7123	aka	Sunny Side Creek Diversion

These permits utilize portable pumps to fill water trucks which then either dump the water on the road for dust control or into the Fire Water Pond for use in the extraction process.

MILLING AND CRUSHING OPERATIONS

The extraction process primarily consists of sprinkling a chemically treated water solution over crushed ore that has been placed on a water tight mat. The solution is recirculated until it is determined that the maximum extraction has been achieved. The "pregnant" solution is then routed to the lab and the remaining ore is treated with another solution to neutralize to stockpile.

The water use for the milling operation is primarily to maintain the ore at a specific water content and to aid in the agglomeration of the ore.

RECEIVED
DEC 03 1993

SUPPLEMENTAL REVIEW OF PERMIT 77-7211

This permit consists of five different wells. At exam time there were only two wells under this permit with pumps installed but as the normal mining operations shift locations the use of different wells is called for. Rotating pumps between the wells covered under both permits is the standard practice. I am commending all the wells be considered for licensing as P/Ds, conditioned so that the combined total diversion from each of the wells in use does not exceed the recommended diversion rate.

WELL #	LEGAL DESCRIPTION	ALSO KNOWN AS	WELL USES
1	SW/SW SEC 21 19N,11E	UPPER VENABLE	MINING AND DUST ABATEMENT
2	SW/SW SEC 21 19N,11E	LOWER VENABLE	MINING AND DUST ABATEMENT
3	NW/NW SEC 28 19N,11E	ARGEY YARD WELL	MINING AND DUST ABATEMENT
4	SE/SW SEC 21 19N,11E	BONE YARD WELL	MINING AND DUST ABATEMENT
5	SE/SW SEC 21 19N,11E	CAMP WELL	DOMESTIC, MINING, AND DUST ABATEMENT

WELL MEASURED

2 0.14 CFS (a 10 hp pump)
5 0.17 CFS (a 10 hp pump)

All the above wells are currently used in connection with the extraction process and dust abatement rather than the crushing operations.

Permit is for: Domestic at 0.12 CFS
Mining at 0.38 CFS for a total of 0.50 CFS
Fees paid for: ----- 1.00 CFS MAX

Found: Domestic: main camp, cook shack, office, and lab
Mining: multiple operations for gold extraction and dust control
Domestic diversion: 0.17 CFS (well # 5)
Total diversion rate: 0.31 CFS (wells # 2 and 5)

RECEIVED
DEC 03 1993

SUPPLEMENTAL REVIEW OF PERMIT 77-7217

This permit consists of six wells with the use being both domestic and mining. As with 77-7211, this permit had wells with no pumps installed at exam time. The same rational used with 77-7211 is considered here. I recommend that all six wells be considered as P/Ds and be licensed with the condition that the total diversion from all wells used shall not exceed the licensed rate.

WELL #	LEGAL DESCRIPTION	ALSO KNOWN AS	
1	SE/NE SEC 29 19N,11E	LOWER SUNNY SIDE CABIN WELL	MINING, MILLING AND DUST ABATEMENT
2	NE/SW SEC 29 19N,11E	GOLDEN EAGLE WELL	DOMESTIC AND DUST ABATEMENT
3	NE/SW SEC 29 19N,11E	GOLDEN EAGLE WELL, SOUTH	DOMESTIC AND DUST ABATEMENT
4	NE/NE SEC 29 19N,11E	ROAD SIDE WELL	MINING, MILLING AND DUST ABATEMENT
5	NE/NE SEC 29 19N,11E	THE PIT	MINING, MILLING AND DUST ABATEMENT
6	NE/SE SEC 29 19N,11E	THE FROG POND WELL	MINING, MILLING AND DUST ABATEMENT

WELL	MEASURED
2	0.027CFS (a 10 hp pump)
4	0.24 CFS (a 10 hp pump)
5	0.16 CFS (2 10 hp pumps tied into a manifold) 0.33 CFS (a centrifugal pump; 3 hp Briggs & Stratton)
6	0.062CFS (a 10 hp pump)

Wells # 1 and 6 currently are used in conjunction with the extraction process; wells # 2 and 3 are used for the domestic use at the auxiliary camp site; and wells # 4 and 5 supply water both to the crushing operations and the extraction process. All wells are at times used for dust abatement.

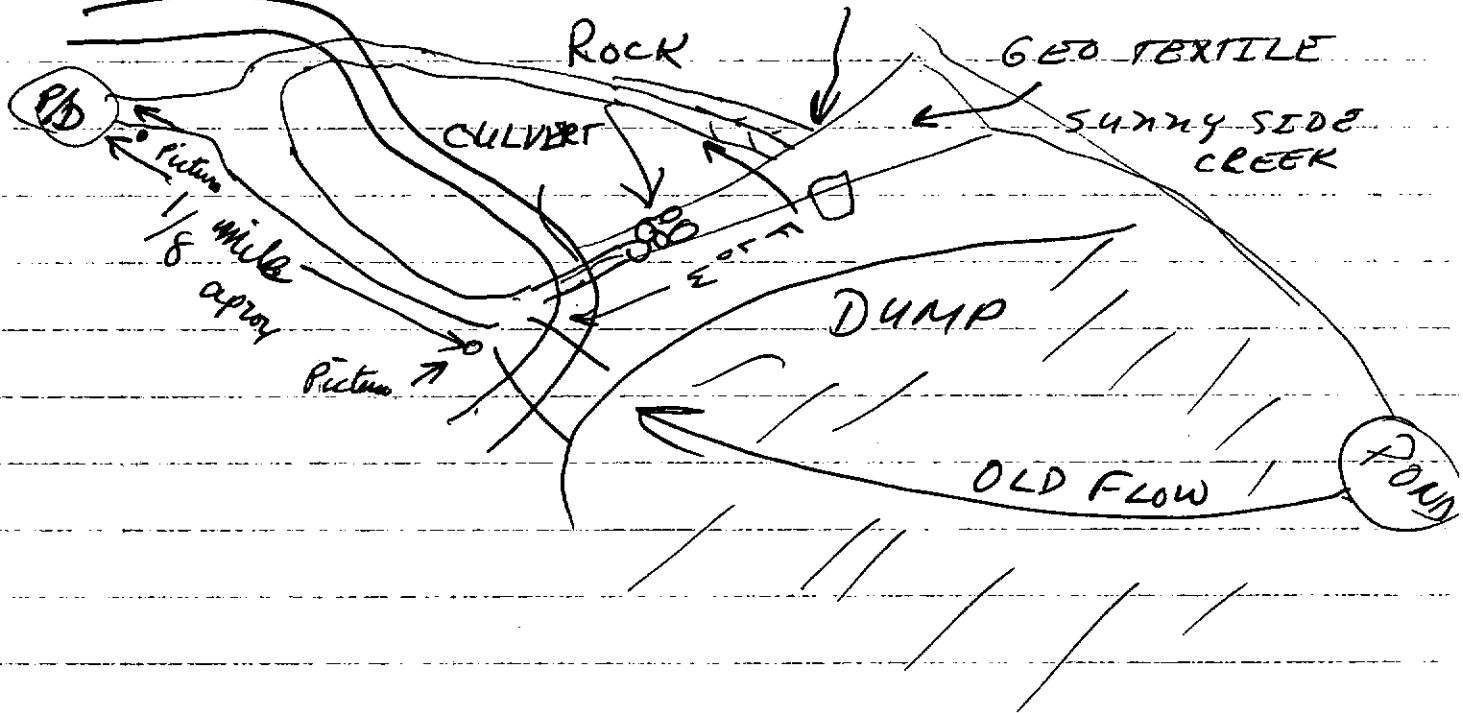
The permit is for: Domestic at 0.12 CFS
Mining at 0.88 CFS for a total of 1.00 CFS
Fees paid for: ----- 1.00 CFS MAX

Found: Domestic: 50 man auxiliary camp site
Mining: Gold extraction operations, milling, ore agglomeration, and dust control
Domestic diversion: 0.03 CFS (well # 2)
Total diversion Rate: 0.82 CFS (wells # 2, 4 and 5{with two pumps})

RECEIVED
DEC 03 1993

77 - 7123 ROAD

FRENCH DRAIN



MINES FILMED

DEC 03 1993

OVERALL VIEW OF MINING USES FOR COHER-THUNDER MOUNTIAN WATER RIGHTS:

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 "FIREWATER" 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.

RECORDED
DEC 03 1993

ORIGINAL COPY
IN FILE 77-7124

PORTABLE PUMP

WISCONSIN DIESEL ENGINE

MDL WD 1750

PUMP

GORMAN RUPP Co

MDL 13A4-B

SER No 832420

3" suction & 3" discharge

SUCTION BUSHED TO 4" HT PUMP

FILLED 50 gal in 14sec

RECORDED

DEC 03 1993

BOISE MERIDIAN

POINT OF
DIVERSION

RIOE | **RIIE**

A horizontal number line representing distance in miles. It starts at 0 on the left and ends at 1 mile on the right. There are three tick marks between 0 and 1 mile, dividing the segment into four equal parts. The tick marks are labeled 1/4, 1/2, and 3/4. The word "MILES" is written vertically at the right end of the line.

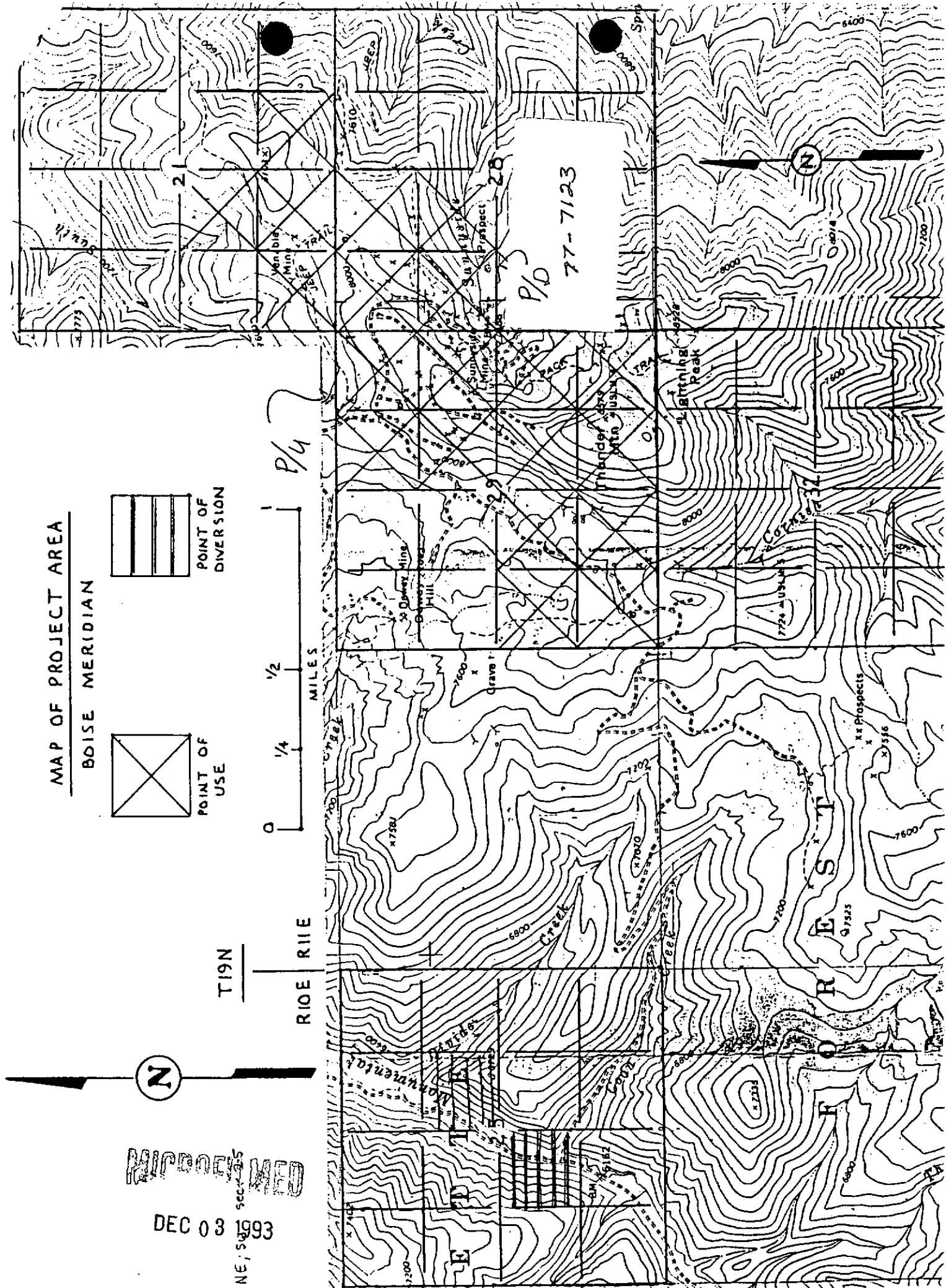
$p/4$

P/O
77-7123

AIRPORT MED

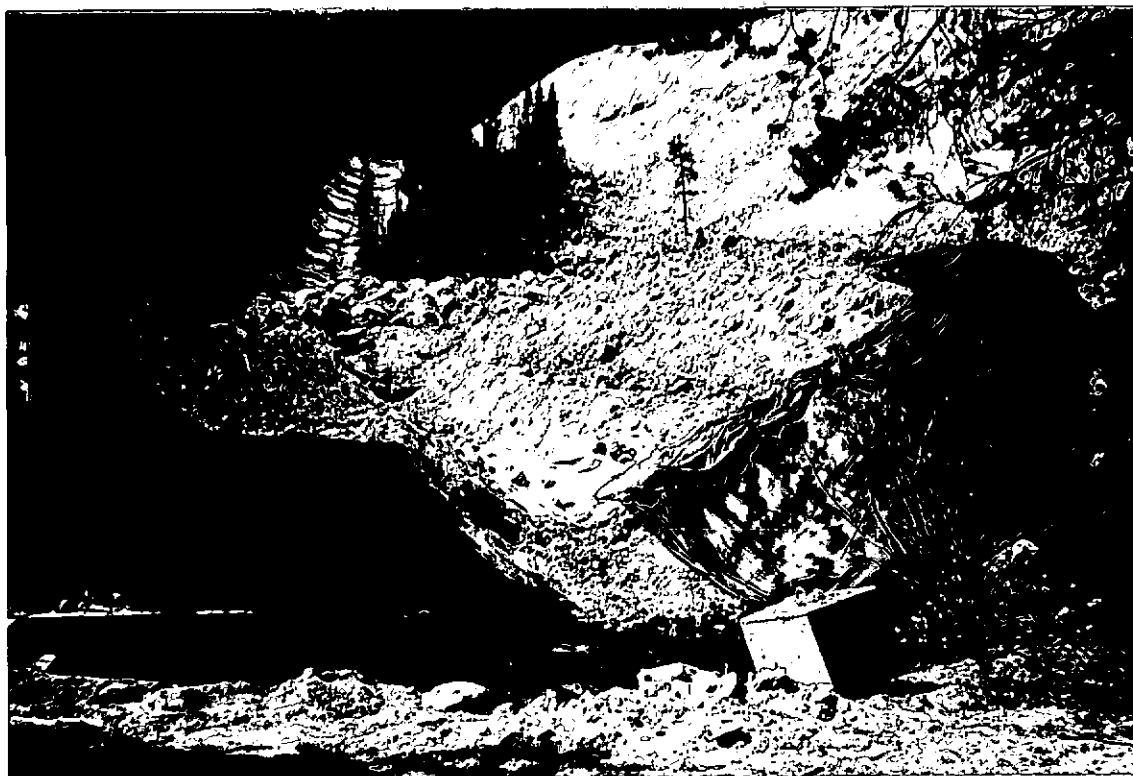
DEC 03 1993

5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042



77-07123

SUNNY SIDE CREEK ALIGNMENT



THIS IS THE P/O. A PORTABLE PUMP LIFTS WATER FROM THIS POND



DEC 03 1993

77-07123

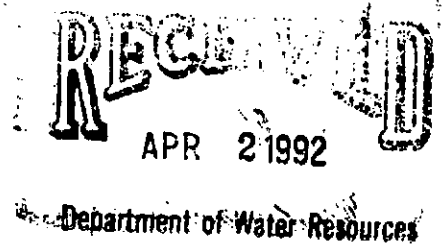


PICTURE OF PUMP USED MEASUREMENT MADE
TAKEN AT P/D FOR 77-7201. SAME PUMP IS USED
FOR EACH PERMIT. LIFT AT EACH SITE IS
SIMILAR THEREFORE A SINGLE MEASUREMENT
FOR BOTH PERMITS IS USED.

APPROVED

DEC 03 1993

JOHN F. CAMPBELL
ATTORNEY AT LAW
301 S. CHESTNUT STREET, SUITE 7
SPOKANE, WASHINGTON 99204-0970
TELEPHONE (509) 456-8383



March 30, 1992

Dept. of Water Resources
State of Idaho
State House
Boise, ID. 83722

Attn: Cindy

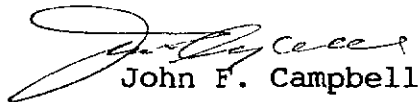
In re: Thunder Mountain Gold, Inc.
Permit #77-7123✓
#77-7124✓
#77-7127✓
#77-7129✓

Dear Cindy:

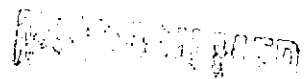
Please change the address of Thunder Mountain Gold, Inc. from
1306 Washington Mutual Building to --

Thunder Mountain Gold, Inc.
301 S. Chestnut, Suite 7
Spokane, WA. 99204-0970

Very truly yours,


John F. Campbell

JFC:e



DEC 03 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN REGION, 2735 Airport Way, Boise, Idaho 83705 • (208) 334-2190

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

September 20, 1988

RECEIVED
OCT 22 1988

Thunder Mountain Gold, Inc.
1306 Washington Mutual Bank Bldg.
Spokane, WA 99201
77-7129 ✓

RECEIVED
NOV 22 1988

Department of Water Resources
Western Regional Office

Department of Water Resources

Dear Applicants(s):

We acknowledge receipt of your statement submitted as proof as beneficial use for the above-referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department. A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office.

Sincerely,

Judy Pense
Secretary

/jp

Dear Ms. Pense:

For your information, Coeur-Thunder Mountain, Inc. 2417 Bank Drive, Ste. 302, Boise, ID 83705 (Telephone: (208) 385-0373) is the operator of this property. This also applies to Permits #77-7124 and 77-7123.

THUNDER MOUNTAIN GOLD, INC.

RECEIVED

DEC 03 1993

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 77-7123

Date: 8/19/88

General Considerations:

Y Name same as permit
Y Signature the same as permit holder
Y Address change _____ If yes, prepare a data entry
Y Proof received timely _____
_____ Reinstated

Source of Water:

Y Surface water
_____ Groundwater
_____ 1. well log in file
_____ 2. drilling permit
_____ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

Y Rate of diversion appropriate for uses
Y Is rate or volume and fee appropriate?
Y Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

N/A Is a measuring device or access port required?
N/A Has one been installed?
N/A Waiver or modification of measuring device requested

Remarks:

Proof acceptable

N/A

Priority Calculation:

Date proof received	_____	_____
Date proof due	_____	+
No. of days late	_____	=
Priority date	_____	+
NEW PRIORITY DATE	_____	=

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Sunnyside
Permit No. 72-7123 Coeur Explorations Inc
Name(s) of Permit Holder(s): Thundermt Gold Inc
Post Office Address: 3417 Bank Drive Suite 302
Boise Idaho 83705 Tel No 208-385-0373

☒ I hereby certify that construction of diversion works for the above referenced permit began on 10-14-85 (date). I understand that I must continue to develop the water system with due diligence to maintain a valid permit.

☒ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control:

*Note: A financing difficulty is not an acceptable reason.

10/21/85
Date

J. Byrd
Signature of Permit Holder

PLACE
STAMP
HERE

~~RECEIVED~~
OCT 12 1988



~~RECEIVED~~
OCT 23 1988

Idaho Department of Water Resources
STATEHOUSE
BOISE, IDAHO 83720

FROM

Kay Walker

DATE

2/21/85

TO

Files 77-7123, 77-7124, 77-7127 &

SUBJECT

77-7129

mailing address - Thunder Mtn. Gold

Per phone conversation with Rich Richins
of Montgomery Engineering the mailing
address for Thunder Mtn. Gold is:

East 3612 16th Ave.

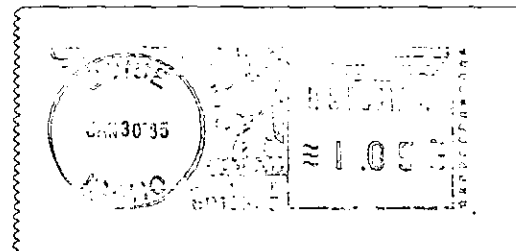
Spokane, WA 99203

RECORDED
INDEXED

Attn: Tiebor Klobusicky

SIGNATURE

DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720



RECEIVED

FEB 11 1985

Department of Water Resources

Thunder Mountain Gold, Inc.
Box 385
Spokane, WA 99210

RETURN TO SENDER
ATTEMPTED NOT KNOWN
RT# 1099 INITIALS JCD

RECEIVED



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

January 29, 1985

RE: Application for Permit Nos. 77-7123/7124/7127/7129

Thunder Mountain Gold, Inc.
P.O. Box 385
Spokane, WA 99210

Gentlemen:

Enclosed are copies of your approved Applications for Permit. We direct your attention to the conditions of approval on the fourth pages.

The 1982 Idaho Legislature added a requirement that as a permit holder you must commence the excavation or construction of diverting works within one year of the date the permits were issued, and you must proceed diligently until the projects are completed. The enclosed blue cards must be completed and returned to this office as soon as you commence construction, no later than one year from the date the permits were approved.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop these permits into licenses.

Sincerely,

DAVID R. TUTHILL, JR., P.E.
Supervisor, Water Allocation Section

DRT:sc

Enclosures

REPROFILMED

SUMMARY OF MEETING TO RESOLVE WATER RIGHT PROTESTS
APPLICATION NO.'S 77-7201 AND 77-7194

RECEIVED

DEC 12 1984

Department of Water Resources

A meeting was held at the McCall office of the Idaho Fish And Game Department on November 30, 1984 to discuss the protest of water right applications 77-7201 (protested by the U.S. Forest Service) and application 77-7194 (protested by the Idaho Department of Fish And Game). Application 77-7201 is to divert 1.02 CFS from a tributary to Mule Creek, application 77-7194 is to divert 2.0 CFS from the South Fork of Holy Terror Creek. Both applications were submitted by Coeur D'Alene Mines. Proposed use of the water includes mining and domestic use. Present at the meeting were:

Frank Monninger
Dave Lee
Rick Richins
Don Anderson
Stacy Gebhards
Ken Weyers
Earl Kimball
John Lund
Dave Burns
Bob Kenworthy
Walter Pierson

Coeur D'Alene Mines
Coeur D'Alene Mines
James M. Montgomery Engineering
Idaho Dept. of Fish and Game
Idaho Dept. of Fish and Game
Payette National Forest
Payette National Forest
Payette National Forest
Payette National Forest
Payette National Forest
Payette National Forest

The discussion centered around Coeur's need for approximately 0.5 CFS to supplement ground water sources during dry periods. The Forest Service expressed concern over minimum flows for fish habitat and channel maintenance purposes. An additional concern was the proposal to store water (10 acre-feet) on an unstable area. Fish and game was similarly concerned with adequate flows to protect the fishery resource.

After a short discussion the following agreement was reached:

1. Coeur proposed to withdraw water rights previously applied for on four streams in addition to South Fork Holy Terror Creek. These streams are listed below.

<u>Stream</u>	<u>Application No.</u>	<u>Proposed Appropriation</u>
Divide Creek	77-7125	2.0 CFS
Marble Creek	77-7126	2.0 CFS
Fall Creek	77-7128	2.0 CFS
Roosevelt Lake	77-7130	4.0 CFS
South Fork Holy Terror	77-7194	2.0 CFS

RECEIVED

RECEIVED

DEC 14 1984

Department of Water Resources
Western Regional Office

2. Coeur will reduce its water rights applications to the streams listed below with a reduction in water quantity to the proposed appropriation as indicated. (Listed by priority)

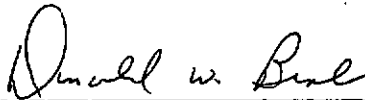
<u>Stream</u>	<u>Application No.</u>	<u>Revised Appropriation</u>
Sunnyside Creek	77-7123 ✓	0.50 CFS
Mule Creek Spring	77-7201	0.25 CFS
Monumental Creek	77-7124	0.50 CFS
Coon Creek	77-7129	0.25 CFS
Cornish Creek	77-7127	0.25 CFS

3. Coeur will condition the permits for the streams listed in #2 above to a maximum, total withdrawal of 0.5 CFS from the Monumental Creek Drainage (Mule, Coon, Monumental Creeks) and 0.5 CFS from the Marble Creek Drainage (Sunnyside Creek and Cornish Creek).

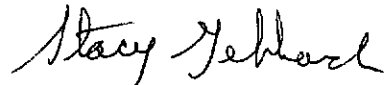
4. Water will be diverted from only one stream at a time.

5. The U.S. Forest Service, The Idaho Department of Fish and Game, and Coeur D'Alene Mines mutually agree to conditions 1-4 listed above. The U.S. Forest Service will drop the protest for application #77-7201 (Mule Creek) under conditions 1-4 described above.

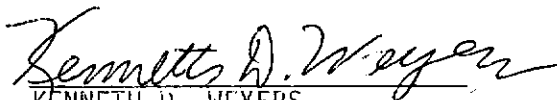
Dated this 7 day of December, 1984.



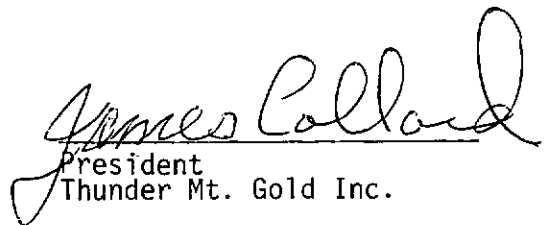
DON BORK
Project Manager
Coeur D'Alenes Mines



STACY GEBHARDS
Regional Supervisor
Idaho Dept. Fish and Game

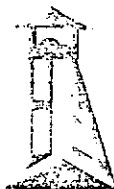


KENNETH D. WEYERS
Forest Supervisor
Payette National Forest



President
Thunder Mt. Gold Inc.

RECORDED
INDEXED



Coeur Explorations, Inc.

A Subsidiary of Coeur d'Alene Mines Corporation

2417 BANK DRIVE, SUITE 302, BOISE, IDAHO 83705
PHONE (208) 385-0373

June 8, 1984

Mr. Ken Weyers, Supervisor
USDA-Forest Service
Payette National Forest
P. O. Box 1026
McCall, Idaho 83638

RECEIVED
JUL 19 1984

Department of Water Resources
Western Regional Office

Subject: Coeur Exploration Thunder Mountain Project

Dear Ken:

During our meeting with you and Pete Walker last week in Boise a number of items were discussed related to Coeur's project at Thunder Mountain. This included a brief discussion on timing for completion of the Draft Environmental Impact Statement (DEIS) currently being prepared by the third-party consultant, James M. Montgomery, Consulting Engineers, Inc.

This letter will officially notify you that due to recent developments in the ongoing metallurgical testing program and mining studies presently being conducted by Coeur, I believe it in the best interest to reschedule certain project activities over the next 60-days beginning June 15, 1984. This will accomplish several objectives which include:

- 1) Allow Coeur to complete the current metallurgical testing phase of the project in order to finalize the process flowsheet.
- 2) Provide an additional period during which our staff and Pete Walker can complete the necessary transition required as a result of Earl Dodds' recent retirement.

During the 60-day period, no formal review requirements by your staff for the DEIS will be required. However, your staff should continue to review supplemental fisheries and cultural resource baseline information. I have advised Rick Richins of JMM of the timeframe, and have requested that he prepare an updated schedule for completing the DEIS, Plan of Operations, and other related permitting to be submitted to you and Pete Walker by July 15. This will hopefully assist Pete in determining inhouse project review and interagency coordination requirements, such that the start-up process for completing these elements will be timely and efficient. Also, I will notify IDHW, IDWR and IDL in the next few days.

RECEIVED

Mr. Ken Weyers

-2-

June 8, 1984

Please be advised that based on the need to complete the studies described earlier, the Initial Plan of Operations (dated: May 2, 1984) and chapters of the Preliminary Draft Environmental Impact Statement (dated: May 9, 1984) should be considered internal working documents only, and as such are subject to revision.

I have also instructed Rick Richins that during the 60-day period JMM is directed to continue the monitoring program, and ongoing facilities siting and related permitting elements. These are integral elements of the DEIS. He will be submitting the Helicopter Permit information necessary to conduct the June sampling event to you within the next few days. The work plan involves both water quality and streamflow measurements, and is designed to provide both baseline (pre-operations) and peak runoff information. It is currently planned that the sampling will take place during the week of June 18-22.

I will provide you with a project status update around July 15, to coincide with the project schedule Rick Richins is preparing. If you have any questions, please call me or Dave Lee.

Sincerely,



Donald W. Bork

cc: IDHW
IDWR
IDL

RECEIVED
JUN 15 1984
U.S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.

1301 Vista Avenue Argonaut Building, Suite 210, Boise, Idaho 83705 / (208) 345-5865

1389.0040

July 10, 1984

RECEIVED

JUL 11 1984

Mr. David Shaw, Regional Supervisor
Idaho Dept. of Water Resources
Western Region
Statehouse
Boise, ID 83720

Department of Water Resources

Subject: Water Rights Application No. 77-7123, 77-7124, 77-7125, 77-7126,
77-7127, 77-7128, 77-7129, 77-7130 and South Fork Holy Terror Creek
and other pending Water Rights Applications

Dear Dave:

This letter is to inform you that Coeur Explorations, Inc. is currently completing additional metallurgical and ore process-related studies for the Thunder Mountain project. At this time, it appears that the test work will result in a 30 to 90-day delay in finalizing the DEIS document, effective June 15, 1984.

Other critical aspects of this testing and additional environmental studies being conducted by JMM and directly related to the pending above referenced Water Rights Applications include:

- o Identifying water needs for the selected metallurgical process;
- o Completion of a water balance for the selected flowsheet;
- o Withdrawal schedule;
- o Instream flow studies (IFG) being conducted by JMM, with input from the USFS and IDF&G;
- o Actual DEIS document preparation including the Environmental Consequences Chapter; and
- o Studies related to water supply development options involving surface and groundwater withdrawals, catchment, impoundment, recycling and reuse, conservation, and other practices.

I will be finalizing a revised schedule for the DEIS and related outputs in the next few weeks, and providing a copy to your Department and other agencies such that necessary review/coordination requirements can be planned for and met. This letter will serve to document ongoing positive efforts on behalf of Coeur Explorations, Inc. to resolve the pending protest on the Water Rights Applications.

If you have any questions, please call me or a Coeur representative (Don Bork or Dave Lee).

Sincerely,

Rick Richins
Rick T. Richins

RECEIVED
JUL 11 1984Department of Water Resources
Western Regional Office

JAMES M. MONTGOMERY CONSULTING ENGINEERS, INC.

1301 Vista Avenue Argonaut Building, Suite 210, Boise, Idaho 83705 / (208) 345-5865

1389.0040

November 8, 1983

RECEIVED
NOV 10 1983

Mr. David Shaw
Regional Supervisor - Western Region
Idaho Department of Water Resources
Statehouse
Boise, ID 83720

Department of Water Resources
Western Regional Office

Subject: Water Right Applications No. 77-7123, 77-7124, 77-7125, 77-7126,
77-7127, 77-7128, 77-7129, 77-7130 and South Fork Holy Terror
Creek and Mule Creek (spring source); Thunder Mountain Mining
Project

Dear Mr. Shaw:

As a result of our telephone conversation yesterday, I am writing to confirm the positive efforts CDA Mines is making toward resolving the pending Water Rights Applications.

CDA Mines is currently preparing a feasibility study and a comprehensive EIS for the proposed project. These studies include metallurgical and mineral process evaluations, hydrology and instream flow (IFG) investigation, and alternative mining and processing analyses. Additionally, an ongoing water supply study is being conducted, including ground water exploration. The EIS is scheduled for completion in February, 1984. The support studies will generally be completed concurrently with the EIS. An exception may be the water supply study; however, study findings adequate to finalize water needs for mining and processing and domestic use are also anticipated at this time. Therefore, we will be officially requesting that IDWR initiate administrative action required to resolve the pending permit applications during the month of February. It is my understanding (as a result of our discussion) that as long as CDA Mines is making progress through the EIS and related studies to identify water use requirements, the pending applications will not be invalidated.

Additionally, during the next 30 days, CDA Mines will be filing permit applications for the ground water wells currently being tested and developed. It is my understanding, also based on our discussions, that the filing of these applications will not affect the quantity of surface water CDA would be appropriated by IDWR. Rather, it would be the objective of IDWR to develop an agreement which would generally promote the use of existing ground water supplies to the extent possible, prior to pumping from the surface water source. CDA Mines is supportive in concept of this type of agreement.

RECORDED

Mr. David Shaw

-2-

November 8, 1983

I will keep you advised regarding our progress on the pending applications. If you have any question, please call me (345-5865) or Don Bork at 385-0373.

Sincerely,



Rick Richins

/ln

cc: D. Bork
D. Lee

ORIGINAL

DBS

JAMES M. MONTGOMERY CONSULTING ENGINEERS, INC.

1301 Vista Avenue Argonaut Building, Suite 210, Boise, Idaho 83705 / (208) 345-5865

1389.0030

May 20, 1983

RECEIVED

MAY 28 1983

Mr. Dave Shaw
Western Region Director
Idaho Department of Water Resources
Statehouse
Boise, Idaho 83720

Department of Water Resources
Western Regional Office

Subject: Thunder Mountain (Sunnyside) Water Rights Applications

Dear Dave:

After our telephone conversation last week, I pulled together a status summary of where we are concerning resolution of the protest of our water rights applications at Thunder Mountain. The following should serve as a general schedule for our program, as presently envisioned:

- April, 1983 - filed Notice of Intent to Operate: Operating Plan for the proposed Coeur d'Alene Mines Corporation Thunder Mountain (Sunnyside) Mining Project with the Payette National Forest, USDA - Forest Service. Under this proposal, we are conducting the final year of baseline studies including water quality, hydrology and fisheries. The monitoring will be completed by late November, 1983. An expanded level environmental impact evaluation will be complete sometime in December, 1983 or January, 1984.
- May, 1983 - We are currently conducting metallurgical testing and evaluations on processing methods, design, and operational requirements related to water needs. This will include storage requirements. Our effort also involves instream flow studies (IFG Methodology), to ensure that adequate flows are maintained for local fisheries during withdrawal periods. We expect to have these studies, along with additional hydrological/flow evaluations completed by late October. At that time, we hope to finalize negotiations with the Idaho Department Fish and Game to resolve the pending water rights protest.
- July, 1983 - During this month we will be developing and analyzing project alternatives. This will include processing options and associated water needs.

RECEIVED

Mr. Dave Shaw

-2-

May 20, 1983

- November/December, 1983 - We have targeted this period to negotiate the protested applications.

I hope this information is sufficient to demonstrate that we are moving ahead in a positive direction to formalize our water rights. I will advise Will Reid of the proposed schedule.

Regarding any other potential permit requirements, we will be working closely with your office to secure them as needed. Thank you again for your cooperation.

Sincerely,



Rick Richins

/ln

cc: Will Reid, IDFG

UNRECORDED



JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.

1301 Vista Ave., Boise, Idaho 83705 / (208) 345-5865

RECEIVED

MAR 16 1982

Department of Water Resources
Western Regional Office

DATE: 3/15/82

SUBJECT: Thunder Mountain
Water Rights Applications

Attn: Mr. David Shaw

Gentlemen:

The following items are: () Requested

(X) Enclosed

() Sent separately via

() Report () Specification () Cost Estimate () Progress Est.

() Test Result () Blank Form () Test Sample () Other

No. of Copies	Description
1	correspondence with Will Reid, IDF+G

These data are submitted:

(X) At your request

() For your action

() For your approval

() For your files

() For your review

() For your information

General Remarks: Enclosed is a copy of the letter you requested. We hope to meet with Will Reid and you in the next three weeks to discuss Thunder Mountain's 1982 Operating Plan and the relationships to these applications

Very truly yours,

Rick Richins

Encls. ()

JAMES M. MONTGOMERY
CONSULTING ENGINEERS, INC.

Copies to:

JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.

1301 Vista Avenue Argonaut Building, Suite 210, Boise, Idaho 83705 / (208) 345-5865

February 16, 1982

Mr. Will Reid
Idaho Department of Fish & Game
Region III
109 West 44th
Boise, ID 83704

Subject: Thunder Mountain (Sunnyside) Mining Project
Water Rights Applications

Dear Will:

Some time has passed since Nancy Cookson and I met with you and Don Anderson concerning the Thunder Mountain water rights applications filed by JMM on behalf of Superior Mining Company and Thunder Mountain Gold, Inc. At that meeting you indicated that you would be finalizing the interpretation of raw data supplied to you by the U.S. Fish and Wildlife Service in order to develop instream flow requirements for Monumental Creek. You further indicated that until this study was completed, Fish and Game could not make its recommendation to the Idaho Department of Water Resources concerning the water rights applications. Therefore, our application would be essentially held in obedience until the results of the study are finalized.

I have contacted both Superior and Thunder Mountain Gold, Inc., to advise them of the status of the applications. They have directed me to continue the negotiations on their behalf. Likewise, I have also contacted IDWR (Dave Shaw) so that the application is not dismissed, and the priority date is maintained.

In the meantime, I would appreciate you doing whatever is possible to speed up the analysis of data from your end. I am assuming that once the information is available, we will need to get together and go over your recommendations—perhaps involving IDWR. This will involve, I am assuming, narrowing down the scope of our applications based upon actual need for a mining/processing operation. I hope this can be accomplished in the very near future.

I will call you later this week to confirm the status of your study. If you have any questions in the meantime, please call me.

Sincerely,

Rick Richins

Rick Richins

/ln

RECEIVED

MAR 16 1982

Department of Water Resources
Western Regional Office

JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.

1301 Vista Avenue Argonaut Building, Suite 210, Boise, Idaho 83705 / (208) 345-5865

760.0060

November 13, 1981

Mr. Dave Shaw
Idaho Department of Water Resources
Broadbent Business Park
92 South Cole Road
Boise, ID 83709

Subject: Canadian Superior Mining (U.S.) Ltd. Water Right Application
Numbers 77-7123, 77-7124, 77-7125, 77-7126, 77-7127, 77-7128,
77-7129, and 77-7130

Dear Dave:

This letter is intended to inform you of the current status of the eight water right applications which are listed above and were filed by Canadian Superior Mining (U.S.) Ltd. (CSM) on April 16, 1981. In a letter addressed to you and dated June 18, 1981, Mr. James F. Keating, Supervisor of the Idaho Department of Fish and Game listed seven conditions which Fish and Game would like attached to the water right applications. I stated in a letter dated July 29, 1981, that CSM cannot agree to these conditions and requested that you delay your decision on these water rights until data on Monumental Creek was available and analyzed. This data was expected from the Forest Service sometime during Fall 1981.

On November 12, 1981, Mr. Rick Richins and myself met with Mr. Will Reid and Mr. Don Anderson of the Idaho Department of Fish and Game. At this time, we discussed the water right applications and the status of the Forest Service data on Monumental Creek. Mr. Reid indicated that he had the data and was planning on having it analyzed in the next few weeks. Hopefully, another meeting will be arranged after the data is analyzed and conditions will be negotiated that will be acceptable to both parties. At that time, we will inform you of the results of these negotiations and a decision can be made on these water rights.

Sincerely,

Nancy L. Cookson
Nancy L. Cookson

/ln

cc: Mr. Will Reid, Idaho Department of Fish and Game

RECEIVED

NOV 16 1981

Department of Water Resources
Western Regional Office



JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.

1301 Vista Ave., Boise, Idaho 83705 / (208) 345-5865

DBS

760.0051

July 29, 1981

Mr. David B. Shaw
Western Region Supervisor
Department of Water Resources
92 South Cole Road
Boise, ID 83705

Subject: Water Right Applications No. 77-7123, 77-7124, 77-7125, 77-7126,
77-7127, 77-7128, 77-7129, 77-7130

Dear Dave:

I recently met with Don Anderson and Will Reid of the Idaho Department of Fish and Game concerning a letter which was addressed to you and was dated June 12, 1981 from James F. Keating, Regional Supervisor of the Department about the above referenced applications. At this meeting, we discussed the seven conditions which the Idaho Department of Fish and Game requested be attached to the water right applications. Canadian Superior cannot agree to these conditions, particularly Number 4 which states: "No water withdrawals be allowed between 1 July and 15 September." This will be the period of major water use due to processing of the ore. The Department of Fish and Game explained that this condition was included due to lack of flow records and the importance of the fisheries resources in the area. Don Anderson and Will Reid explained that data on the flows are currently being taken, and after analyzing this data, water withdrawals can be more accurately determined for each water right application.

At this meeting, the Idaho Department of Fish and Game and I, acting in behalf of CSM, agreed to delay a decision on the water right applications until the data are available and analyzed. Therefore I would like you to delay your decision on these water rights until Fall 1981.

Sincerely,

Nancy L. Cookson

/ln

cc: Will Reid, Department of Fish and Game
James F. Keating, Department of Fish and Game
Don Bork, Canadian Superior Mining

RECEIVED
JUL 30 1981

Department of Water Resources
Western Regional Office



STATE OF IDAHO

DEPARTMENT OF FISH AND GAME

REGION 3
109 WEST 44TH
GARDEN CITY, IDAHO 83704

June 12, 1981

Mr. David B. Shaw
Western Region Supervisor
Department of Water Resources
92 South Cole Road
Boise, ID 83705

Re: Water Right Applications No. 77-7123, 77-7124, 77-7125, 77-7126, 77-7127,
77-7128, 77-7129, 77-7130.

Dear Dave:

Idaho Department of Fish and Game personnel reviewed the above referenced applications and met with representatives of the applicant. We request that the below listed conditions be met:

1. A maximum of 1.2 cfs may be withdrawn from any one or combination of streams, herein applied.
2. Withdrawal duration does not exceed 30 hours.
3. Withdrawal frequency does not exceed 7 times per year.
4. No water withdrawals be allowed between 1 July and 15 September.
5. The letter from James M. Montgomery, Consulting Engineers, Inc., dated 3 June 1981 concerning clarification of the water right applications be included as conditions of the permit.
6. Revision of these water rights be reviewed after the completion of one year's operation.
7. In the event that Idaho Department of Fish and Game determines that these withdrawals significantly impact or endanger the fishery resources, these permits can be modified to protect these resources.

Based on public interests for protecting environmental and recreational resources, we formulated these conditions which meet the requirements for fish spawning.

RECEIVED
JUN 15 1981

EQUAL OPPORTUNITY EMPLOYER

Department of Water Resources
Western Regional Office

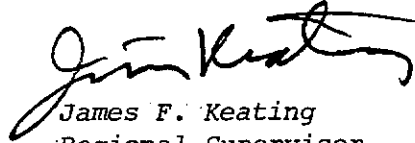
Mr. David B. Shaw

Page 2

June 12, 1981

passage and rearing. These conditions also allow the applicant to use the water for beneficial use as stated in the application.

Sincerely,



James F. Keating
Regional Supervisor
Region 3/Boise

cc: Bureau of Program Coordination

RECEIVED
JUN 15 1981
BUREAU OF PROGRAM COORDINATION

035



JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.
1301 Vista Ave., Boise, Idaho 83705 / (208) 345-5865

RECEIVED
JUN 4 1981

June 3, 1981

Department of Water Resources
Western Regional Office

Mr. Dave Shaw
Idaho Department of Water Resources
Broadbent Business Park
92 So. Cole Road
Boise, ID 83709

Dear Dave:

Potential problems have developed with water right applications which were filed by Canadian Superior Mining (U.S.) Ltd. (CSM) for their proposed mining operation located near Thunder Mountain in the Boise National Forest, Valley County, Idaho. This letter is intended to clarify CSM's initial applications and address the questions raised by the Idaho Department of Fish and Game so that the water right applications may be approved.

The water right applications and their corresponding identification numbers which are affected by this letter include: (1) Sunnyside Creek, No. 77-7123; (2) Monumental Creek, No. 77-7124; (3) Divide Creek, No. 77-7125; (4) Marble Creek, No. 77-7126; (5) Cornish Creek, No. 77-7127; (6) Fall Creek, No. 77-7128; (7) Coon Creek, No. 77-7129; and, (8) Roosevelt Lake, No. 77-7130.

These water right applications were prepared with the intention that no dams will be built across the creeks. Minimal instream storage is planned with the anticipated method of water storage being small, off-stream pools which will be developed by CSM. The water will be used for mining and processing minerals at the Thunder Mountain site, and the expected maximum water use for the operation is 6.5 million gallons per year. This anticipated use was determined based upon a withdrawal rate of 1.18 cfs, seven times per operating season for the mine processing facilities with additional water withdrawal, as required, for makeup due to evaporation losses. The mine process, as presently envisioned, would entail a closed-system cyanide leaching operation similar to that approved by the Forest Service at Stibnite.

CSM intends to withdraw water from the creek closest to the mining operation. However, during periods of low flow, CSM will withdraw water from streams with sufficient flow to maintain the fishery. Special planning consideration will be given to the anadromous fishery needs in designing the project. Water will be withdrawn only on an intermittent basis from the creeks.

RECEIVED

Mr. Dave Shaw

-2-

June 3, 1981

Water from Roosevelt Lake is not expected to be used except in periods of drought or at the end of the process season, if sufficient water is not available elsewhere.

Hopefully this letter will clear up questions and concerns on these water right applications. If you have any further questions, please do not hesitate to contact Rick Richins or myself.

Sincerely,


Nancy L. Cookson

/gbd

cc: Will Reid, Idaho Dept. of Fish & Game
Earl Dodds, U.S. Forest Service
Don Bork, CSM

RECEIVED



STATE OF IDAHO

DEPARTMENT OF HEALTH
AND WELFARE

DIVISION OF ENVIRONMENT
Statehouse
Boise, Idaho 83720
801 Reserve Street

April 29, 1981

MEMORANDUM

TO: David Shaw
FROM: David Sanders
SUBJECT: Water Right Applications
77-7122 through 77-7130
Canadian Superior Mining, Ltd.

We are already working with the applicant to resolve our water quality concerns, and we have no comment on these applications.

A handwritten signature, likely of David Sanders, written in ink. The signature is stylized and appears to be "D. Sanders".

DS/ds

RECEIVED
APR 30 1981
Department of Water Resources
Boise, Idaho

1000

EQUAL OPPORTUNITY EMPLOYER

April 28, 1981

MEMORANDUM

TO: Ranae
FROM: Helen
SUBJECT: Request for Refund

Please request a refund check in the amount of \$40.00 made payable to Canadian Superior Mining (U.S.) Ltd, of Spokane, Washington.

The reason for this refund is overpayment for application filing fees. Montgomery Engineers filed eight applications for Canadian Superior on April 16, 1981. The correct filing fees are seven (7) apps at \$65 and 1 app at \$105, totaling \$560. The check received with the eight apps was made out for \$600. Therefore, I request a refund check for \$40.00

I have attached a copy of the receipt, No. 18834. Please note I was incorrect when I wrote "refund of \$20 request." I miscalculated the fee for the \$105. application.

If you need any additional information, please call me.

Thanks.

Helen

SENE Sec 15 T 18N R 09E
Diversión Means: PUMP
& PIPELINE.

77-7123
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: SUNNYSIDE
CREEK tributary to
MARBLE CREEK

Date Filed: 04-16-1981

Amount: 2.00 CFS 10.0 AC-
FT

Diversión Point: NENW
NWNE Sec 28 T 19N R 11E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversión Means: DAM,
PUMP & PIPELINE.

77-7124
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: MONUMENTAL
CREEK tributary to BIG
CREEK

Date Filed: 04-16-1981

Amount: 2.00 CFS 10.0 AC-
FT

Diversión Point: SENE
NESE Sec 24 T 19N R 10E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversión Means: DAM,
PUMP & PIPELINE.

77-7125
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: DIVIDE CREEK
tributary to MONUMENTAL
CREEK

Date Filed: 04-16-1981

Amount: 2.00 CFS 10.0 AC-
FT

Diversión Point: SENW
SWNE Sec 30 T 19N R 11E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM

(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversión Means: DAM,
PUMP & PIPELINE.

77-7126
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: MARBLE
CREEK tributary to
SALMON RIVER, MIDDLE
FORK

Date Filed: 04-16-1981

Amount: 2.00 CFS 10.0 AC-
FT

Diversión Point: SWSE
Sec 22 T 19N R 11E NWNE
NENW Sec 27 T 19N R 11E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversión Means: DAM,
PUMP & PIPELINE.

77-7127
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: CORNISH
CREEK tributary to
MARBLE CREEK

Date Filed: 04-16-1981

Amount: 2.00 CFS 10.0 AC-
FT

Diversión Point: SWNE
NWSE NESE Sec 32 T 19N R
11E, VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversión Means: DAM,
PUMP & PIPELINE.

77-7128
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: FALL CREEK
tributary to MONUMENTAL
CREEK

Date Filed: 04-16-1981

Amount: 2.00 CFS 10.0 AC-

STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.00 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversión Means: DAM,
PUMP & PIPELINE.

77-7129
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: COON CREEK
tributary to MONUMENTAL
CREEK

Date Filed: 04-16-1981

Amount: 2.00 CFS 10.0 AC-
FT

Diversión Point: NWSW
NESW Sec 30 T 19N R 11E,
VALLEY Co.

Use: MINING STORAGE
(10.0 AC-FT) from 01-01 to
12-31 MINING FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31
DOMESTIC STORAGE (10.0
AC-FT) from 01-01 to 12-31
DOMESTIC FROM
STORAGE (10.0 AC-FT)
from 01-01 to 12-31 MINING
(1.64 CFS) from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversión Means: DAM,
PUMP & PIPELINE.

77-7130
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: ROOSEVELT
LAKE tributary to
MONUMENTAL CREEK

Date Filed: 04-16-1981

Amount: 4.00 CFS 0.0 AC-
FT

Diversión Point: NENE
SENE Sec 24 T 19N R 10E,
VALLEY Co.

Use: MINING (3.64 CFS)
from 01-01 to 12-31
DOMESTIC (0.36 CFS) from
01-01 to 12-31

Place of Use: NENW
NWNW SWNW SENW Sec 29
T 19N R 11E

Diversión Means:
PUMPS.

If issued, the permit(s)
will be subject to all prior
water rights. Protests,
against the granting of any
permit must be filed with the
Director of the Idaho
Department of Water
Resources, 92 S. Cole Road,
Boise, Idaho 83709 on or
before MAY 18, 1981.

A. KENNETH DUNN,
Director

Published 4-30 & 5-7-81.

**NOTICE OF
APPLICATION FOR
WATER RIGHT**

Notice is hereby given that
the following application(s)
have been submitted for
permit to appropriate the
public waters of the State of
Idaho:

65-12409

U.S. DEPT. OF AGRIC.
FOREST SERVICE,
FEDERAL BLDG., 324 25TH
ST., OGDEN, UT 84401

Source: LAKE FORK
SPRING tributary to LAKE
FORK

Date Filed: 04-16-1981

Amount: 0.02 CFS

Diversión Point: SESE Sec
03 T 18N R 04E, VALLEY Co.

Use: DOMESTIC (0.02
CFS) from 06-01 to 10-31

Place of Use: SENE Sec 03
T 18N R 04E

Diversión Means:
CUTOFF WALL
PIPELINE, TANK.

77-7122
CANADIAN SUPERIOR
MINING (U.S.) LTD.
P.O. BOX 385, SPOKANE,
WA 99210

Source: SALMON RIVER,
E. FK. OF S. FK. tributary
to SALMON RIVER, S. FK.

Date Filed: 04-16-1981

Amount: 3.00 CFS 55.0 AC-
FT

Diversión Point: NWNW
Sec 14 T 18N R 09E, VALLEY
Co.

McKINLEY

ZZ-7123

CANADIAN SUPERIOR MINING (U.S.) LTD.

P.O. BOX 385, SPOKANE, WA 99210

Source: SUNNYSIDE CREEK tributary to MARBLE CREEK

Date Filed: 04/16/1981

Amount: 2.00 CFS 10.0 AC-FT.

Diversion Point: NENW NWNE Sec 28 T 19N R 11E, VALLEY Co.

Use: MINING STORAGE	(10.0 AC-FT)	from 01/01 to 12/31
MINING FROM STORAGE	(10.0 AC-FT)	from 01/01 to 12/31
DOMESTIC STORAGE	(10.0 AC-FT)	from 01/01 to 12/31
DOMESTIC FROM STORAGE	(10.0 AC-FT)	from 01/01 to 12/31
MINING	(1.64 CFS)	from 01/01 to 12/31
DOMESTIC	(0.36 CFS)	from 01/01 to 12/31

Place of Use: NENW NWNW SWNW SENW Sec 29 T 19N R 11E

Diversion Means: DAM, PUMP & PIPELINE.

MAINTAINED



JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.

1301 Vista Ave., Boise, Idaho 83705 / (208) 345-5865

April 13, 1981

Mr. Dave Shaw
Idaho Department of Water Resources
Broadbent Business Park
92 South Cole Road
Boise, Idaho 83709

Dear Mr. Shaw:

In the next few weeks, Canadian Superior Mining (U.S.) Ltd. will be filing eight applications for permit for a right to use water. These applications involve unsurveyed plots in the Idaho Primitive Area of Valley County and will be located in Sections 18, 22, 24, 27, 28, 30 and 32, Township 19 North, Range 11 East and Section 24 Township 19 North, Range 10 East. I have been authorized by Canadian Superior to act as their agent in obtaining these water rights. Any questions or protests concerning these water rights should be addressed to Nancy Cookson or myself at (208) 345-5865. Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads 'Robert T. Richins'.

Robert T. Richins

/ln

RECEIVED
MAY 14 1981