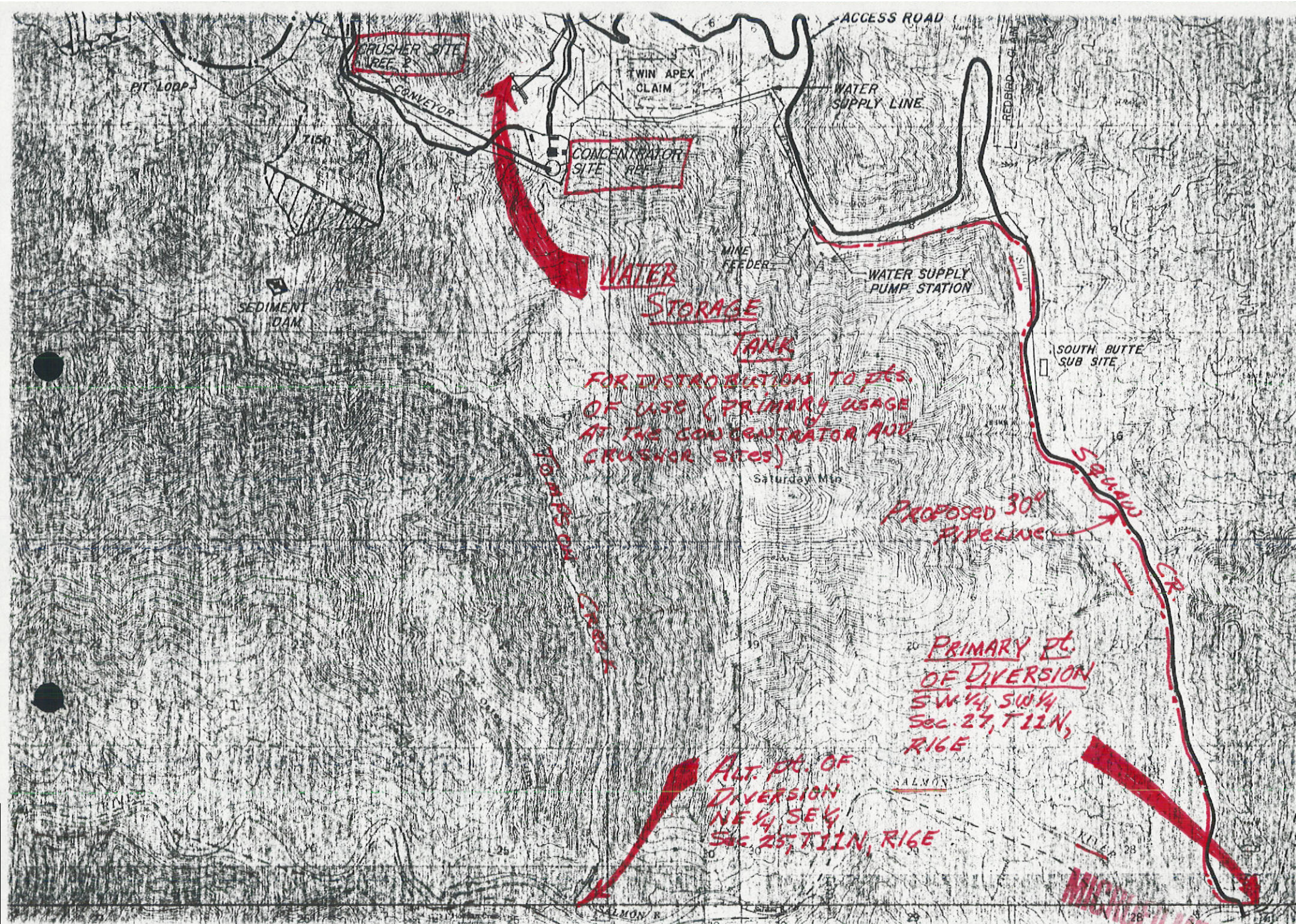
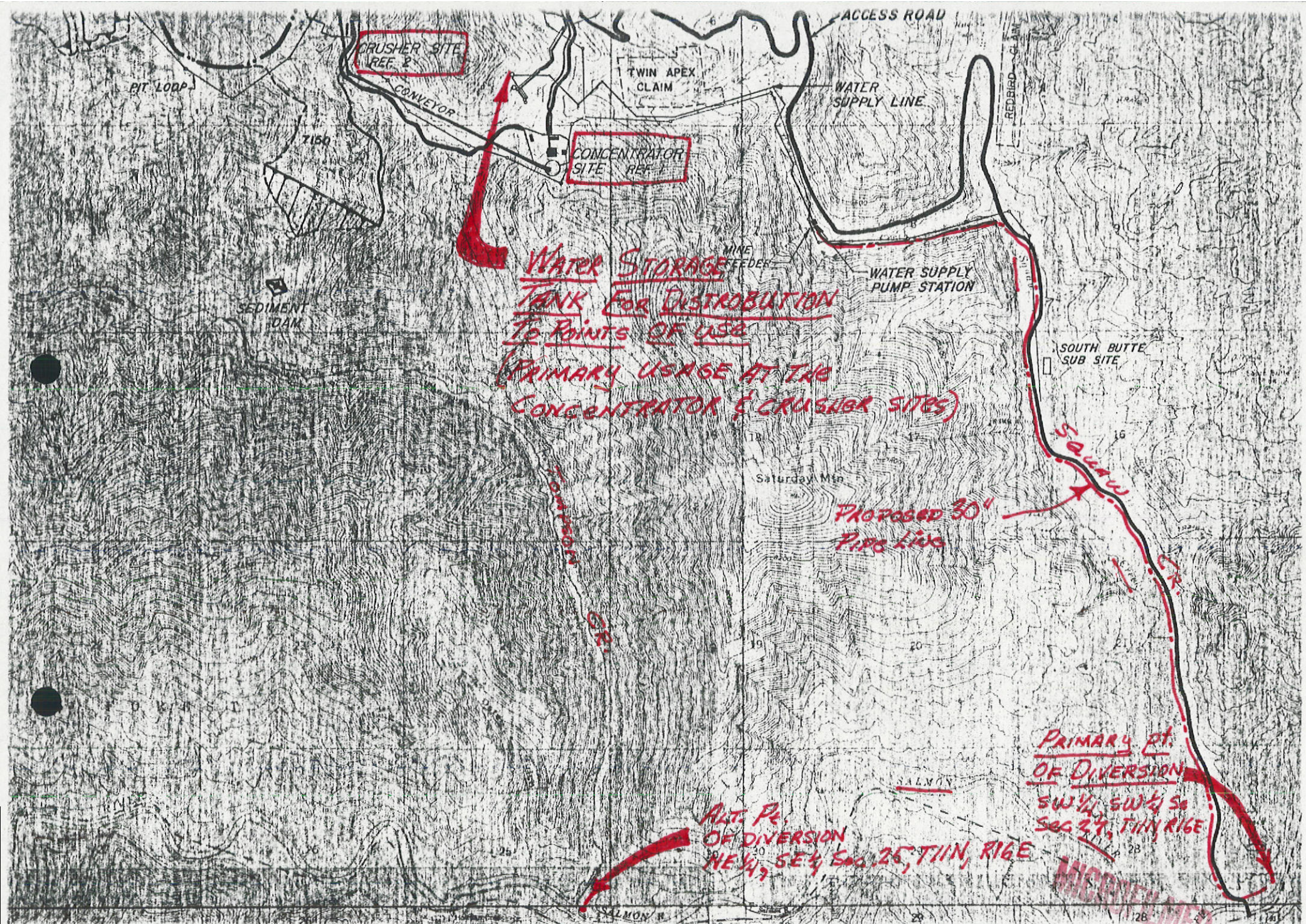
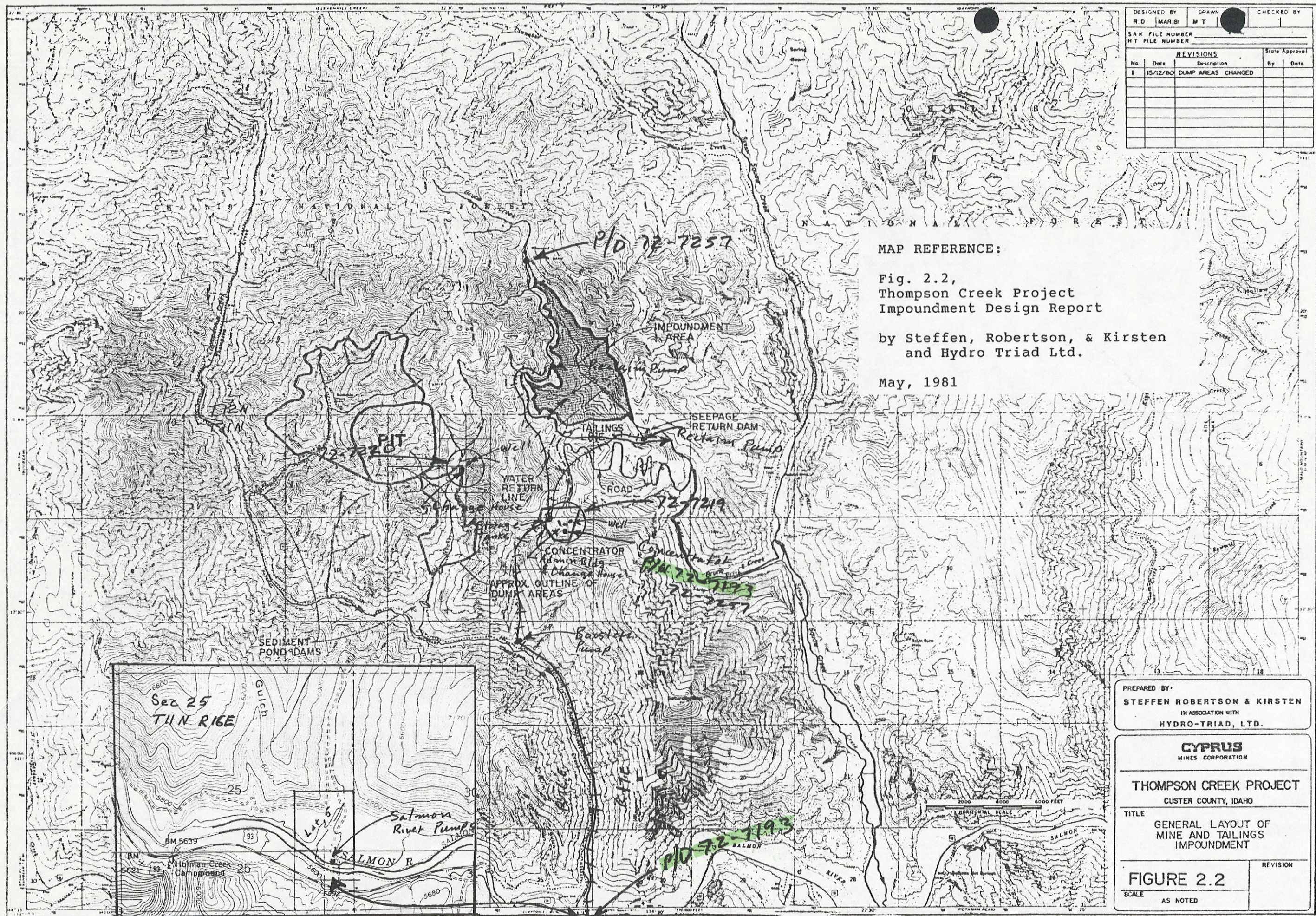








Sec. 23
640

Sec. 24
640

GUIDE

INDICATIONS OF
LEAD WERE NOT

SURVEYED BY
O. E. PETERSON
1910

Sec. 25

FOURTH

Sec. 35
640

Sec. 36
640

LAT. $44^{\circ} 14' 40''$ N.
LONG. $114^{\circ} 28'$ W.

UNITED STATES

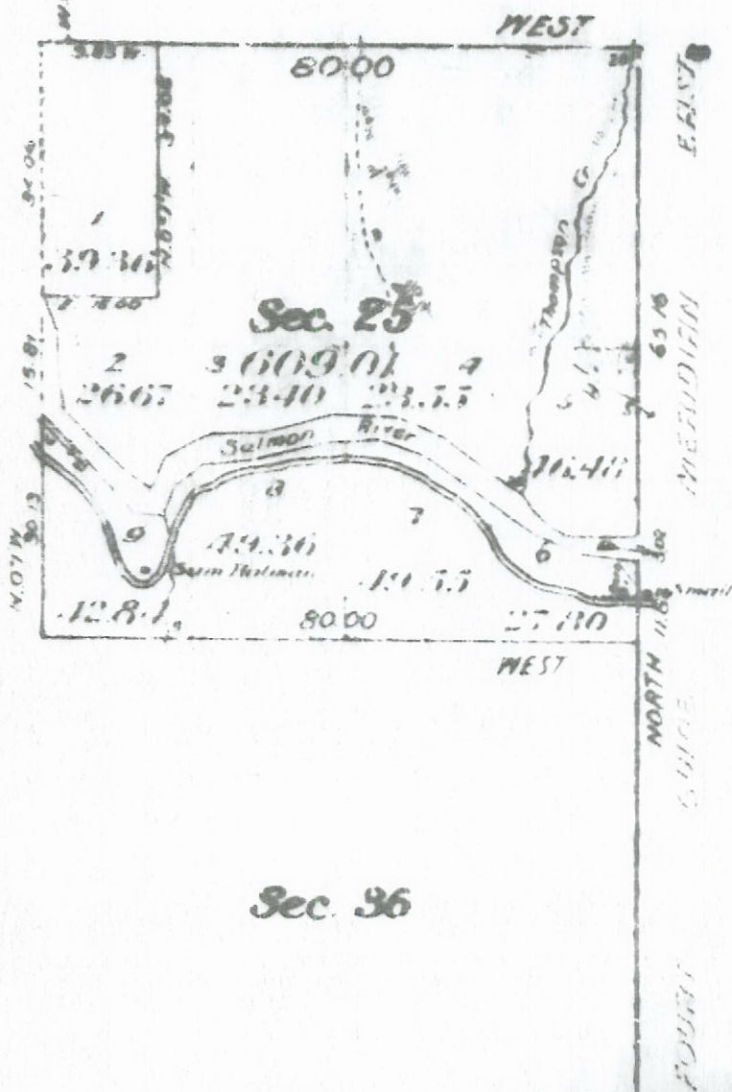
DEPARTMENT OF THE

GENERAL LAND OFFICE

Washington, D.C.

RECORDS

March 27, 1939



V

22

U

t

Areas in Acres	
Public Land	6009.01
Indian Reservation	
Indian Allotments	
Mineral Claims	
Water Surface	30.99
Total Area	6040.00

Det: 44 14 50 N

Long: 114°28' W.

Scale 40 Chains to an in.

Mean Magnetic Declination 1934

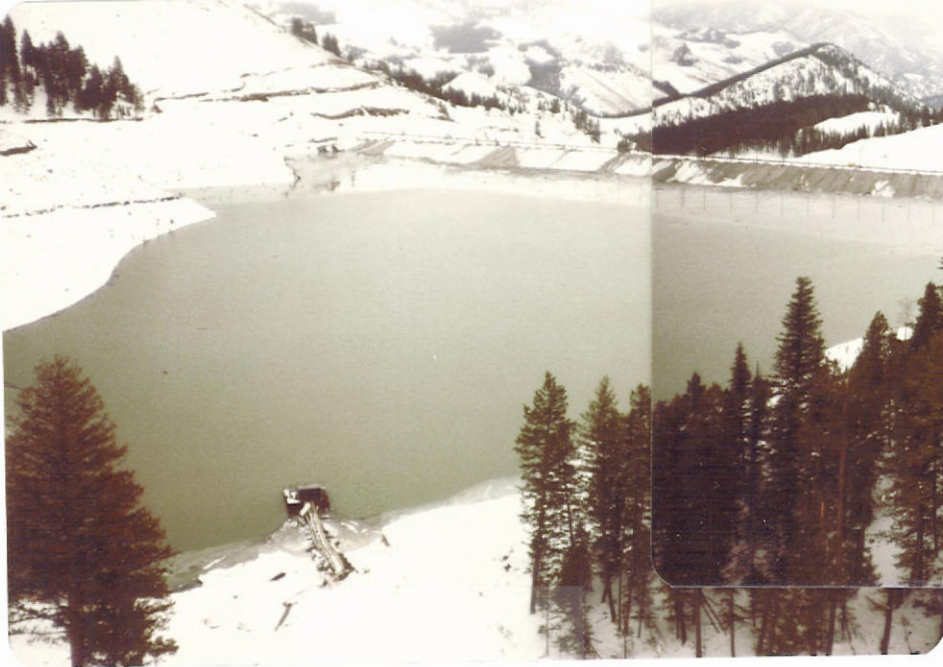
9

5

T

Township No. 11 North Range No 10 East of the Base

72-7193

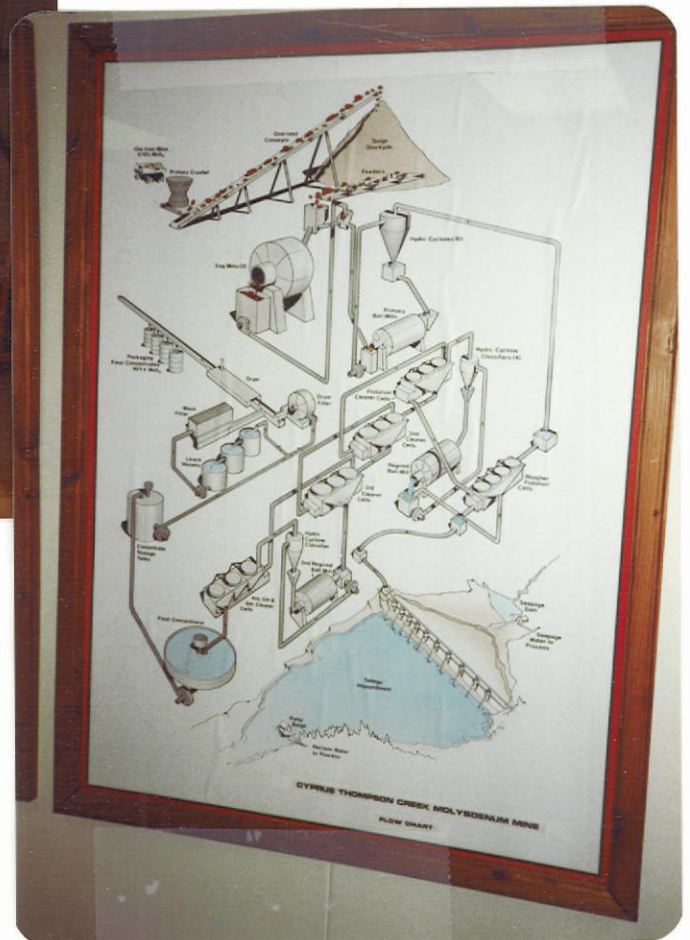


→ Tailings Pond from Reclaim Pumphouse



→ Interior of reclaim pumphouse

Diagram of Mill Process →



72-7193



Seepage return Pumphouse



Seepage return Pumps



Seepage return Pond

Tailings Dam in Background

SRD Pumphouse

72-7193

Seepage return Pumphouse



Seepage return Pumps



Seepage return Pond

Tailings Dam in Backcountry

72-7193

Seepage return Pumphouse

SRD Pumphouse

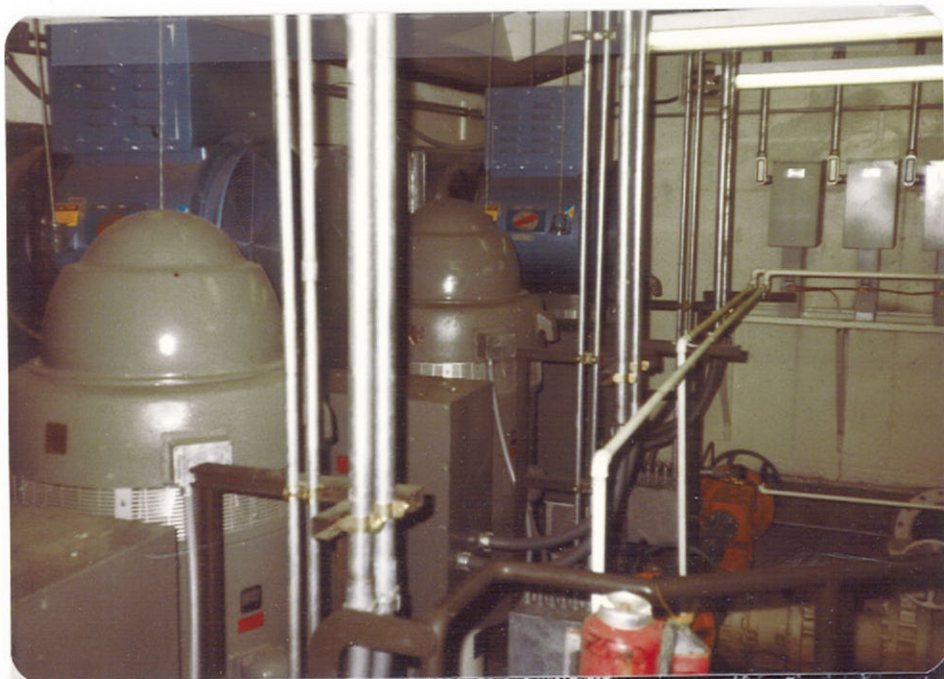
Seepage return Pumps



Seepage return Pond

Tailings Dam in Background

72-7193



Interior of Salmon
River Pump House



Access doors to sub-
surface collectors.

Pump house & Compressor
house for back flushing
in background



Flow rate &
Totalizing readout
Panel in Pump House

Salmon R. Pumps

72-7193

Interior of Salmon
River Pumphouse



Access doors to sub-
surface collectors.

Pumphouse & Compressor
house for back flushing
in background



Flow rate &
Totalizing readout
Panel in Pumphouse

72-7193

Interior of Salmon
River Pumphouse

Salmon R. Division
Underground collectors
Pumphouse & Compressor house
in background

Access doors to sub-
surface collectors.

Pumphouse & Compressor
house for back flushing
in background



Flow rate &
Totalizing readout
Panel in Pumphouse

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 72-07193

Priority: June 16, 1982 Amount: 20.89 CFS 1600.0 AFA

This is to certify, that CYPRUS THOMPSON CREEK MINING CO.

P.O. BOX 62

CLAYTON, ID 83227

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated June 16, 1982, and has submitted proof to the Department of Water Resources on November 13, 1984, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of 20.890 cfs of water from:

SALMON RIVER tributary to SNAKE RIVER

source and that a water right has been established as follow:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
INDUSTRIAL	01/01 to 12/31	20.89 CFS	
INDUSTRIAL STORAGE	01/01 to 12/31		1600.0 AFA
INDUSTRIAL FROM STORAGE	01/01 to 12/31		1600.0 AFA
	Totals	20.89 CFS	1600.0 AFA

LOCATION OF POINT OF DIVERSION(S): LOT 5(SESE), Sec. 25, Township 11N, Range 16E
CUSTER County

PLACE OF USE: INDUSTRIAL

TWN RGE SEC

11N 16E 12 NENE NWNE

PLACE OF USE: INDUSTRIAL STORAGE, same as INDUSTRIAL use

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

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

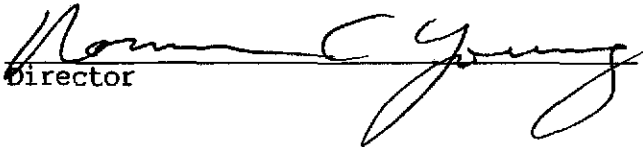
WATER RIGHT NO. 72-07193

CONDITIONS/REMARKS:

4. Return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.
5. The maximum combined annual volume of water under this right & Right 72-7257 shall not exceed 2916.0 acre feet.
6. Industrial use is for processing ore.

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 6th day of JANUARY, 1987.

Acting for the Director



State of Idaho
Department of Water Resources

RECEIVED
NOV 16 1988

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 72-07193

Department of Water Resources

Date of Priority: June 16, 1982

Comes now CYPRUS THOMPSON CREEK MINING CO.
P.O. BOX 62
CLAYTON, ID 83227

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. 72-07193, and requests that the permit be changed as follows:

Source: SALMON RIVER tributary to SNAKE RIVER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
INDUSTRIAL STORAGE FOR INDUSTRIAL	01/01 to 12/31	20.89 CFS	1600 AF SLC
<u>LOCATION OF POINT OF DIVERSION(S):</u>			
Industrial From Storage	01/01 to 12/31	SESE, Sec. 25, Township 11N, Range 16E CUSTER County	1600 AF SLC

PLACE OF USE: INDUSTRIAL

TWN RGE SEC

11N 16E 12

NWNE and NENE
SLC

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 Cyprus Thompson Creek, this 11th day of November, 19 88.

Patrick J. Fales
(Signature)

General Manager

Scott L. Campbell, attorney-in-fact, for Cyprus Thompson Creek Mining Company.

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 72-07193

FOR DEPARTMENT USE ONLY

Preliminary check by KW Fee = \$20.00 ✓ Received by CP Date 11/17/88 #C003423

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. 72-07193 with the following;

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. Return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.
5. The maximum combined annual volume of water under this right & Right 72-7257 shall not exceed 2916.0 acre feet.
6. Industrial use is for processing ore.

Witness my hand this 6TH day of JANUARY, 1989.


Acting for the (Director)

RECEIVED
JUN 16 1982
Department of Water Resources
Southern District Office

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

RECEIVED
APPROVED
JUN 16 1982
Department of Water Resources
Southern District Office

To appropriate the public waters of the State of Idaho

1. Name of applicant Cyprus Thompson Creek Mining Co. Phone 838-2200

Post office address P. O. Box 755, Challis, Idaho 83226

2. Source of water supply Salmon River which is a tributary of Snake River

3. Location of point of diversion is SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 27 Township 11N

Range 17E B.M. of Custer County, additional points of diversion if any: _____

See remarks b

An alternative point of diversion would be: NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 25T 11N R16E

4. Water will be used for the following purposes:

Amount 30 cfs for Industrial purposes from Jan. 01 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 30 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Ditch to pump station -

See attached design, "Proposed Salmon River Pump Diversion"

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

Period of year when water will be diverted to storage _____ to _____ 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 five 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 SE $\frac{1}{4}$ of Section 1 Township 11N

Range 16E B.M. See Remarks

(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 _____.

(5) If water is to be used for other purposes describe: Open pit mine, crusher,
Concentrator and ancillary facilities to process some 25,000 tons
of ore per day.

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 No.

72-7084 is pending (groundwater wells)

Application No. 72-7099 is pending (10cfs from Thompson Creek).

9. a. Who owns the property at the point of diversion Applicant

b. Who owns the land to be irrigated or place of use Applicant, BLM, USFS

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing Active minerals claims on BLM and USFS lands.

10. Remarks a. The place of use as described in 8 (1) is the storage tank at the concentrator site and will act as a distribution point to mine facilities located in all or parts of the following sections:

Township 11N Range 17E - Sec. 5, 6, 8, 9, 16, 21, 28, and 27

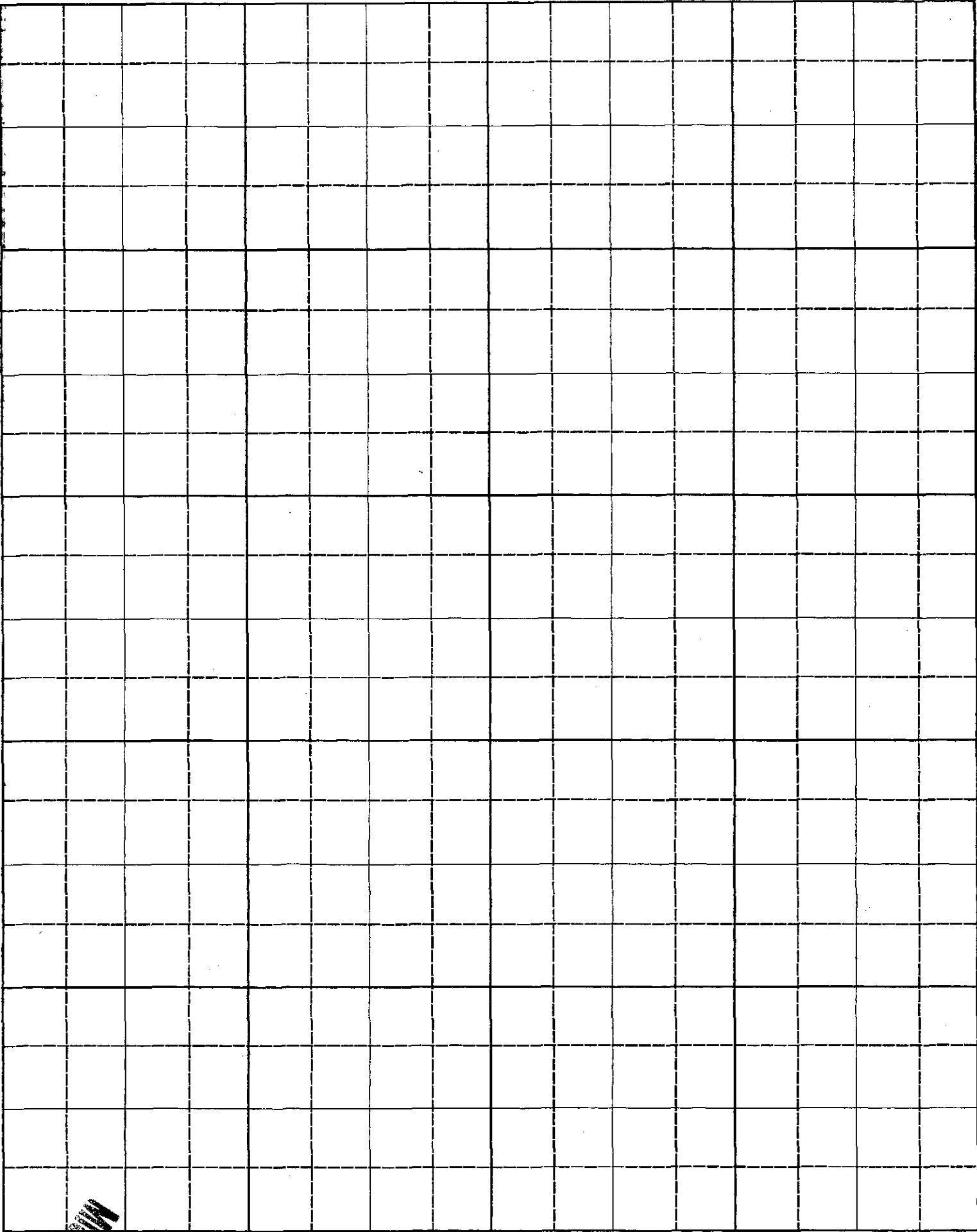
Township 11N Range 16E - Sec. 1, 2, 3, 4, 11, and 12

Township 12N Range 17E - Sec. 31

Township 12N Range 16E - Sec. 25, 33, 34, 35 and 36

Remark b. - Engineering feasibility studies are still underway. A final determination of the diversion point is pending. Only one will be selected.

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number. See Drawing No. 1182-40-52-201, Rev. 6



Scale: 1 inch equals 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.

Handwritten signature of the applicant.

(Applicant)

Proposed Priority 6/16/1982

Received by marpa Date 6/16/82 Time 3:00 p
Preliminary check by LH Fee \$ 525.00
Receipted by marpa Date 6/16/82 # 20830
Publication prepared by marpa Date 6/29/82
Published in Custer Publishing Co.
Publication dates 7/8 + 7/15/82
Publication approved marpa Date 7/8/82
Protests filed by: none

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by LH RC

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. 72-7193, 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 August 1, 19 87.
- 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:

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

The permit holder shall either install a measuring device or provide a certified measurement by a professional engineer or install an access port or other device as specified by the Department.

Water used under this permit if discharged into a natural channel shall meet Idaho Water Quality Standards.

If the diversion will require construction below the ordinary high water mark, an easement from the Idaho Dept. of Lands and a Section 404 Permit from the U.S. Army Corps of Engineers will be required.

Dated this 23rd day of August, 1982.

L. Glen Saxton
L. Glen Saxton
Chief, Operations Bureau

ACCESS ROAD

TWIN APEX CLAIM

WATER SUPPLY LINE

CONDENSATE SITE

WATER STORAGE TANK

WATER SUPPLY PUMP STATION

SOUTH BUTTE SUB SITE

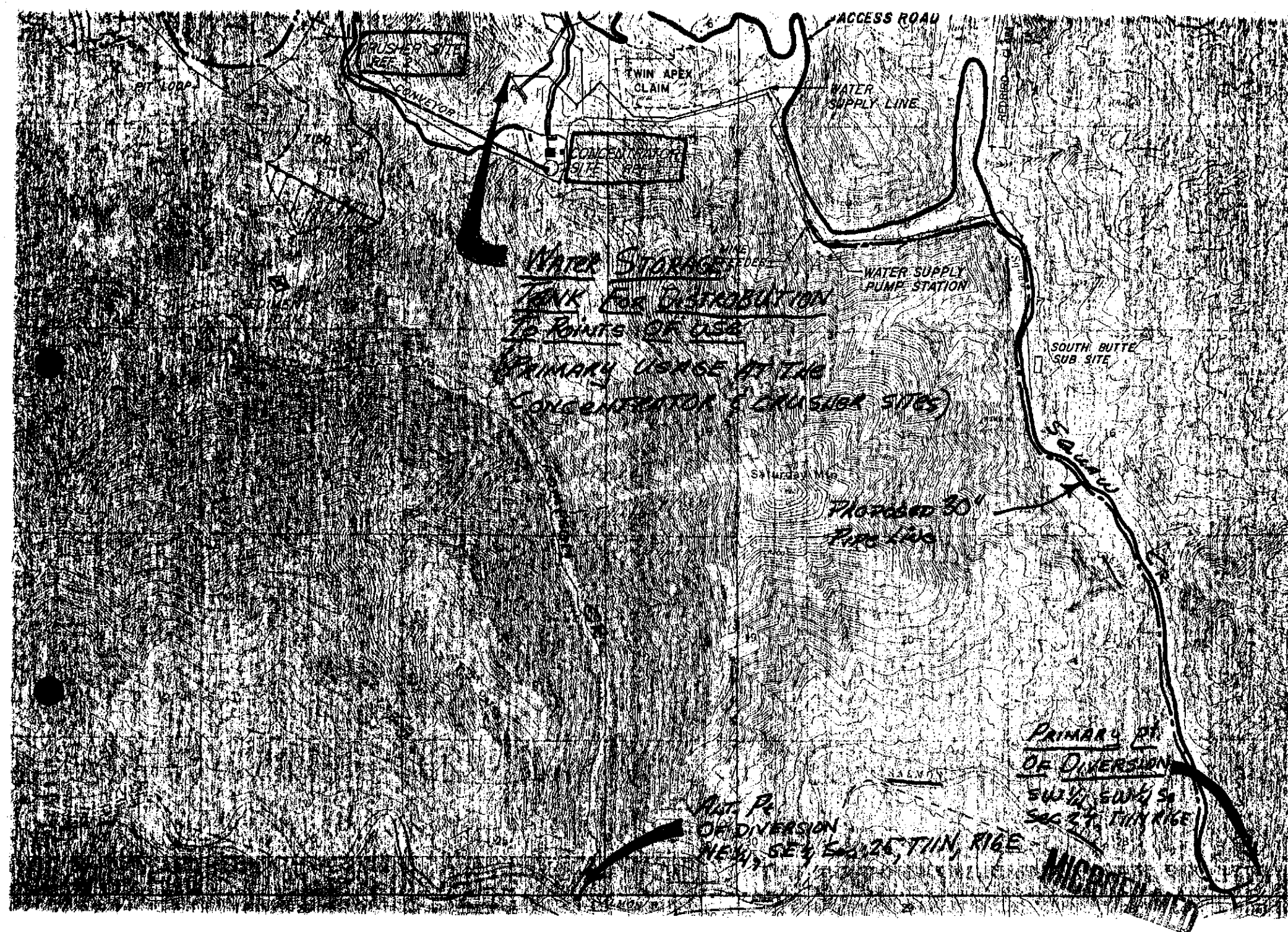
FOR DISTRIBUTION TO PLS OF USE (PRIMARY USAGE AT THE CONDENSATOR AND CRACKER SITES)

PROPOSED 30" PIPELINE

PRIMARY PL OF DIVERSION
SW 1/4, S10 1/4
Sec 27, T11N, R16E

ALT PL OF DIVERSION
NE 1/4, SE 1/4
Sec 25, T11N, R16E

MICROFILMED



M.G.

6-13-82

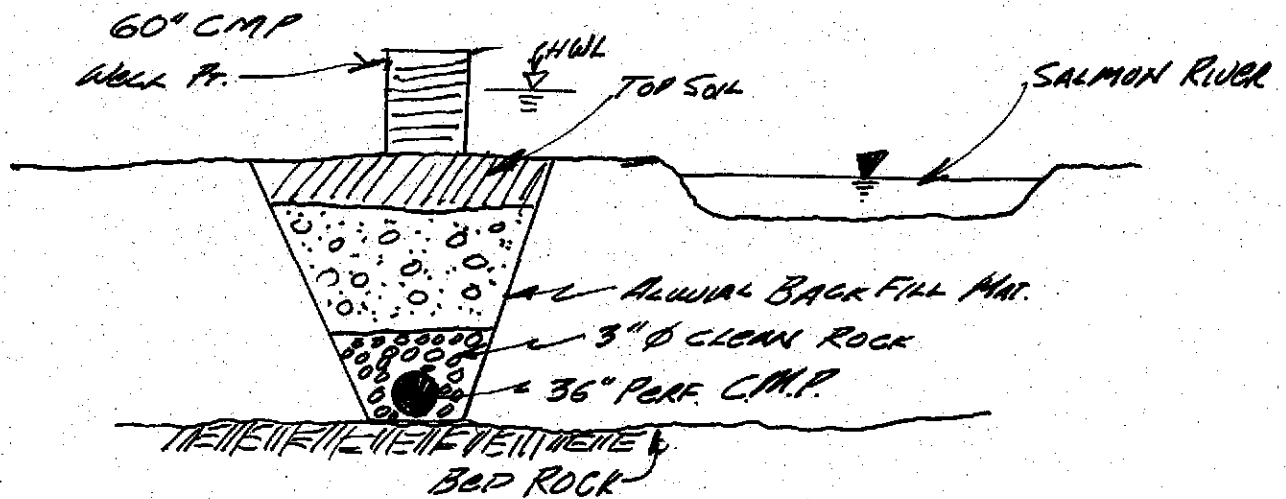
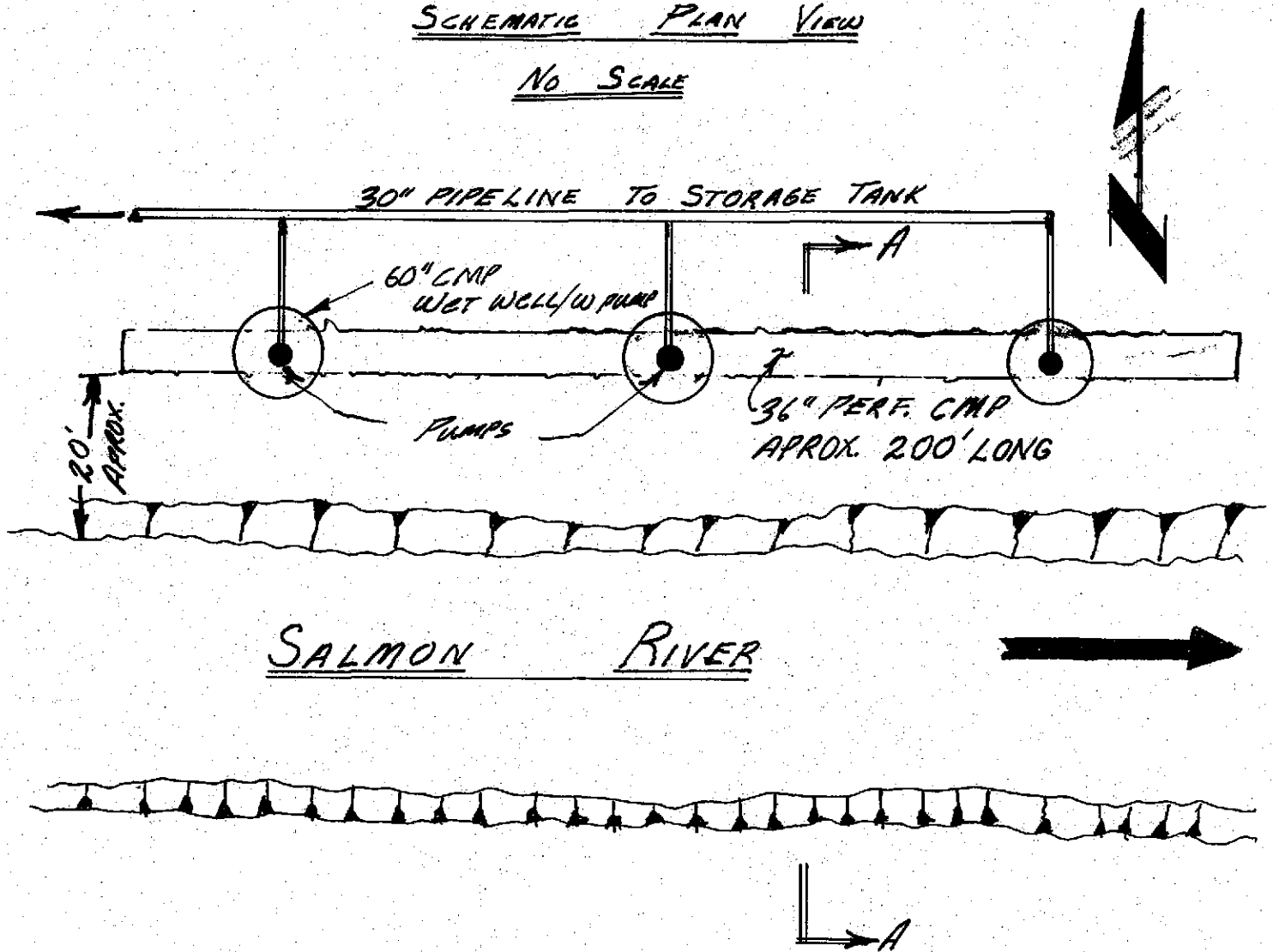
CYPRUS TOMPSON CR. PROJECT
PROPOSED ALTERNATE SALMON RIVER
PUMP DIVERSION

1

1

SCHEMATIC PLAN VIEW

NO SCALE

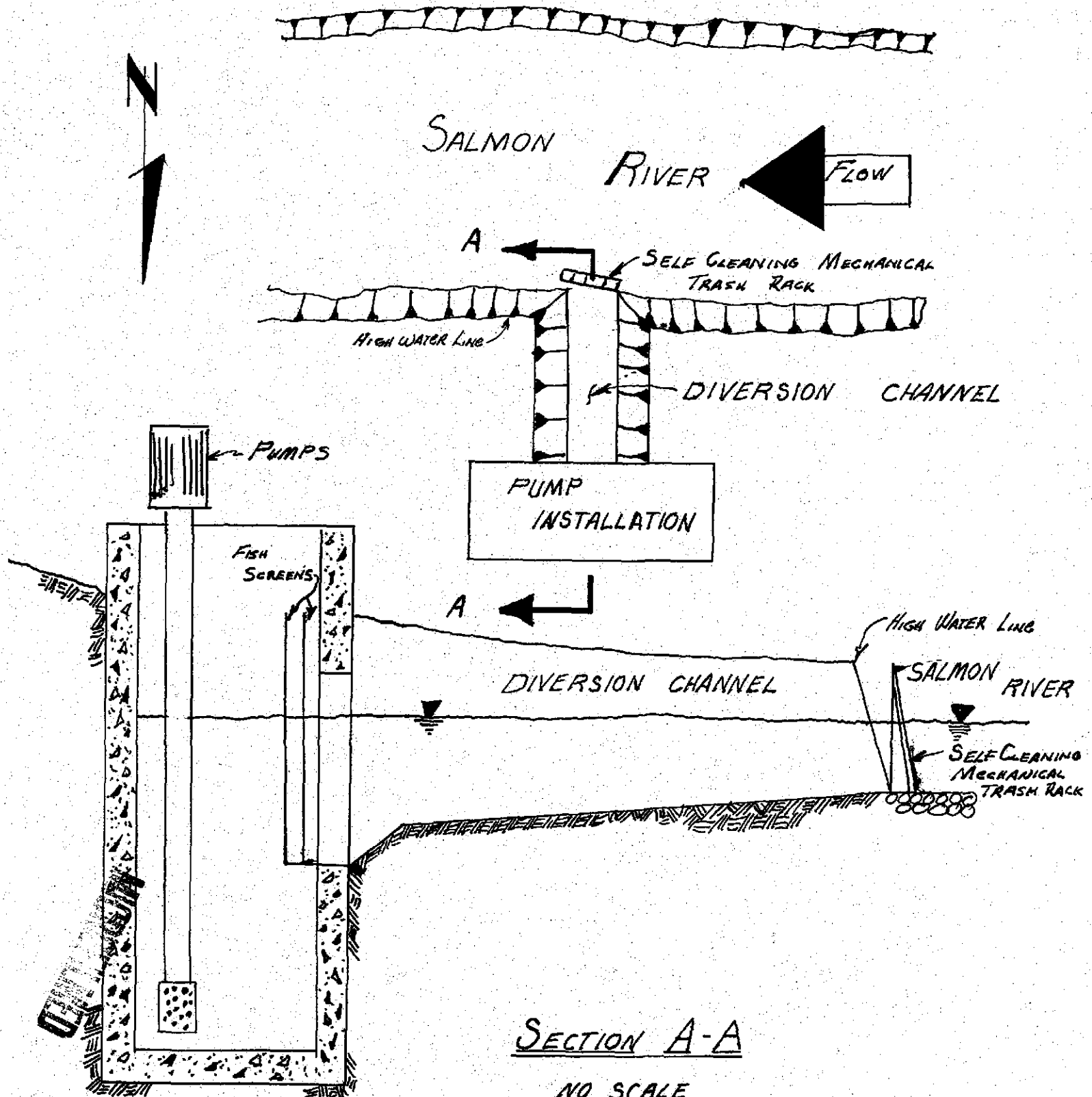


SECTION A-A
NO SCALE

CYPRUS TOMPSON CREEK
PROPOSED SALMON RIVER PUMP
DIVERSION

1 1

SCHEMATIC PLAN VIEW
NO SCALE



AFFIDAVIT OF PUBLICATION

State of Idaho, County of Custer, ss:

I, MARGARET M. PARKS

Publisher of the Challis Messenger,
a weekly newspaper, published at
Challis, Idaho, do solemnly swear
that the notice hereto attached and
made a part hereof, was published
in the regular and entire issue of
the Challis Messenger for ... 2

consecutive weeks, commencing with
the issue dated July 8

19. 82 and ending with the issued
dated July 15, 19. 82

Margaret Parks

Subscribed and sworn to before
me this 21st day of July

19. 82.

Ethel M. Beck

Notary Public, residing at Challis,
Idaho. My commission expires on

Life

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:

72-7193

CYPRUS THOMPSON
CREEK MINING CO.
P.O. BOX 755, CHALLIS,
ID 83226

Source: SALMON RIVER
tributary to SNAKE RIVER

Date Filed: 06/10/1982

Amount: 30.00 CFS

Diversion Point: SWSW
Sec 27 T 11N R 17E NESE Sec
25 T 11N R 16E, CUSTER Co.

Use: INDUSTRIAL (30.00
CFS) from 01/01 to 12/31

Place of Use: Sec 05 T 11N
R 17E Sec 06 T 11N R 17E Sec
08 T 11N R 17E Sec 09 T 11N R
17E Sec 16 T 11N R 17E Sec 21
T 11N R 17E Sec 23 T 11N R
17E Sec 27 T 11N R 17E Sec 01
T 11N R 16E Sec 02 T 11N R
16E Sec 03 T 11N R 16E Sec 04
T 11N R 16E Sec 11 T 11N R
16E Sec 12 T 11N R 16E Sec 31
T 12N R 17E Sec 25 T 12N R
16E Sec 33 T 12N R 16E Sec 34
T 12N R 16E Sec 35 T 12N R
16E Sec 36 T 12N R 16E

Diversion Means: DITCH,
PUMP

RECEIVED

JUL 25 1982

Department of Water Resources
Southern District Office

41844
RECEIVED

NOV 09 2000

ELAM & BURKE
A Professional Association
ATTORNEYS AND COUNSELORS AT LAW
Established in 1928

KEY FINANCIAL CENTER
702 WEST IDAHO
POST OFFICE BOX 1539
BOISE, IDAHO 83701

Department of Water Resources

TELEPHONE
208-343-5454

FACSIMILE
208-384-5844

ANGELA D. SCHAER

E-mail: ads@elamburke.com

November 8, 2000

Mr. Norman C. Young
Idaho Department of Water Resources
1301 North Orchard
Boise, ID 83706

*Re: Thompson Creek Mining Company
Motion to Amend Licence No. 72-07414*

Dear Norm:

The purpose of this letter is to set forth my understanding of the conclusions we reached during our meeting on Friday, November 3, 2000. If any of my understandings are incorrect, please let me know at your earliest possible convenience.

First, I would like to thank you for your assurance that it is the Department's intent to ensure that Thompson Creek Mining Company continues to have sufficient water to run its operations. We certainly appreciate that attitude and spirit of cooperation. We also agreed that I would set up a conference call between you, Shelly, Bert Doughty, and me to discuss the practical issues related to Thompson Creek Mining Company's motion to amend their license. You should know that Scott Campbell may also participate in that conference call, which we are currently in the process of arranging.

As you know, Thompson Creek Mining Company filed its motion to amend license no. 72-07414 in order to remove the combined annual diversion volume limitation which is on that license only, but which governs water right nos. 72-07414, 72-07257, and 72-07193. Our research has indicated that the licenses for 72-07193 and 72-07257 do not contain an annual diversion volume limitation, although they do contain an annual volume limitation. Our research has further indicated, based upon Department notes, that the volume limitation was intended to be a consumptive use limitation.

When Thompson Creek Mining Company filed its motion to amend the license, we asked that the combined annual volume limitation be amended to make it clear that it pertains to consumptive use rather than to diversion volume. During our meeting on November 3, you stated that the Department actually does not care about a consumptive use limitation, and that it is more concerned about diversion volume. You also assured me that it would be the Department's intent to ensure that Thompson Creek Mining Company has a sufficient diversion rate and volume to operate the mine.

Letter to Norman C. Young
November 8, 2000
Page 2

Thompson Creek Mining Company does remain very concerned about the combined annual diversion volume limitation. As I indicated to you, it may be that at some point in the future Thompson Creek would wish to transfer one of those rights to another use (although there is currently no plan to do so), and a diversion volume limitation could significantly limit what could be done with the right. However, we are certainly willing to sit down and speak with you regarding the possibility of resolving Thompson Creek's motion to amend its license informally. This is particularly important given that SRBA proceedings regarding three of Thompson Creek's rights are currently on hold pending outcome of this matter. I indicated to the Special Master that we would continue to work to resolve Thompson Creek's motion to amend as soon as possible.

Once again, if I have incorrectly stated any of my understandings, please do not hesitate to correct those errors as soon as possible. I look forward to meeting with you in the near future.

Very truly yours,

ELAM & BURKE
A Professional Association

for 
Angela D. Schaer

ADS:dap G:\Dap\WPDATA\0016\00156-Young ltr.wpd

cc: Shelly Keen
Bert Doughty
Kevin Loughrey

Young, Norm

From: Denniston, Sara
Sent: Tuesday, January 18, 2000 4:18 PM
To: Young, Norm; Clelland, Steve
Cc: Spencer, Nick
Subject: Thompson Creek Mining

Just wanted to give you a heads up that Angela Schaer from Elam Burke informed me that Thompson Creek Mining intends to request an amendment of their licenses (72-07193, 72-07257, 72-07414) to delete the annual diversion volume limitations. Apparently they plan to file something with the Department in the next couple of weeks. They are going to base their request on the fact that the license was originally issued in the name of one of Thompson Creek Mining's creditors. The argument is that since it wasn't issued in Thompson Creek's name, the company did not get notice of the license and thus didn't have the opportunity to contest the volume limitation. They don't appear to be arguing that it was incorrect for the Department to issue the license in the name of their creditors.

This is absolutely not a legitimate argument and I would strongly advise the Department against issuing a license amendment on this basis. Granting these license amendments would set a very bad precedent and open every license that has been owned by more than one person to demands for amendment. Under their argument, anyone who purchased a license from the original licensee would then be entitled to demand that the licensing process be reopened and they would be entitled to contest any element of the license. Licenses are binding on claimants under the principle of administrative res judicata. Res judicata means that a decision is binding on the parties *and* their successor's in interest. Thompson Creek's attorneys are quite adept at talking tough, but this is one that I would highly recommend that the Department dig its heels in on.

FROM Sharla

DATE 2/27/89

TO File 72-7193

SUBJECT Cover Letter for License

All copies of Cyprus Thompson Creek Mining Co. were sent to Scott Campbell and he forwarded a copy on to the company. On this date, Scott was in the office and I sent the copy for this right with him. Therefore, there is no cover letter for sending the license.

SIGNATURE

MEMORANDUM

TO:FILES 72-7193, 72-7219, 72-7257 & 72-7220

FROM: JIM JOHNSON

RE: MEETING WITH SCOTT CAMPBELL

DATE: 28-NOV-1988

=====

On this day Scott Campbell, attorney for the permit holder met with me to discuss the recommendations made by the field examiner for licensing the above named permits.

PERMIT 72-7220

The place of use was changed to include the SWNE & SENE.

The field report describes the place of use for domestic to include only the change house located in NWSE, however, water is also used for domestic purposes in the shop, and at the crusher building.

PERMITS 72-7219, 72-7193 & 72-7219

The place of use was changed to include the NENE as well as the NWNE because the building straddles the 1/4 1/4 line.

The field report does confirm the close proximity of the building to the line therefore to be sure license was not in error the additional description was added.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

Permit No. _____

1. Measurement Calculations

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

b) Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

c) Volume Calculations for Other Uses:

2. Overlap Review

- a) Other water rights with same place of use: same as 72-7257 - (R/7a)
different source & system.
- b) Other water rights with same point of diversion: 72-7361 - no overlap.
- c) Analysis:

30 day
P/D

- Date 10/11/88

Date 10/11/88

October ²⁶18, 1988

CYPRUS THOMPSON CREEK MINING CO.
P.O. BOX 62
CLAYTON, ID 83227

RE: PERMIT NO. 72-07193

Dear Permit 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 30 days.

If you do not concur with these findings or if you have any questions, please contact us within the 30-day period.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 72-7193

1. Owner: CYPRUS Thompson Creek Mining Co. Phone No. _____
Current Address: P.O. Box 62 Clayton, ID 83227
2. Accompanied by: Jamie Sturgess EXAM. DATE: 11/13/84
Address: Above Phone No. _____
Relationship to Permit Holder: Environmental SUPPLY
3. Source: Salmon River tributary to Snake River

B. OVERLAP REVIEW

1. Other water rights with same place of use: 72-7257 - Examined at same time
_____ ☐ 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" = _____

Base maps from Tailings Impoundment design report

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

System Description (continued)

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

Pumps divert water from the Salmon River through a system of subsurface collectors. Water is pumped thru approximately 4.5 miles of pipeline to the ore concentrator & used to mill ore & transport Tailings Slurry. Used water is reclaimed from the Tailings Pond & Seepage Return Pond. All water diverted is eventually consumed.

☐ 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
Salmon R. South Pump	U.S. Motors	600	CJ 0470120	Goold	10X18 307931
Center Pump	"	"	"	"	1907931-3
North Pump	"	"	"	"	307931-2
					Pumps Nameplate Rated: 3300 gpm @ 650'

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	5	NE	SE	SE	25	11N	16E	Custer	USGS Quad/Township Plat

6. Place(s) of Use:

Indicate Method of Determination _____

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	
11 N	16 E	12		X															

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
<i>Installed</i> <i>Annubar / Panel Readout</i>	<i>75</i>	<i>Annubar</i>	<i>—</i>	<i>unknown</i>	<i>16"</i>	

2. Measurements:

Measurement by installed equipment.
Annubar is located 20 ft from Pump house in a manhole.
Electronic readout on operator's Panel shows Volume & Flow.
Panel registered 20,000 gal in 2 Min, 55 sec $\Rightarrow$ 20.89 cfs

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

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) $\div$ 3.6 = _____ (5)

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

Meter Input HP: (5) 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:

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

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9635 =$ _____

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

2. Volume Calculations for Other Uses:

See attached analysis

H. REMARKS AND OVERLAP REVIEW ANALYSIS

This Permit overlaps 72-7257

The license should be conditioned to allow
an annual volume of 2916 Acre-feet when combined

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Industrial	1/1	12/31	20.89	2916
Totals:			20.89	2916

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

Loren O. Holmes

Signature

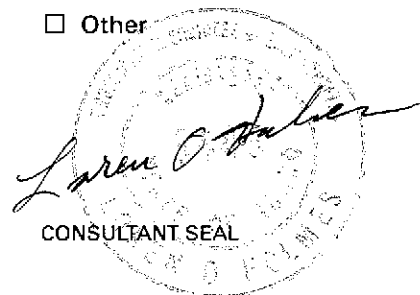
Loren O. Holmes

Certification Date

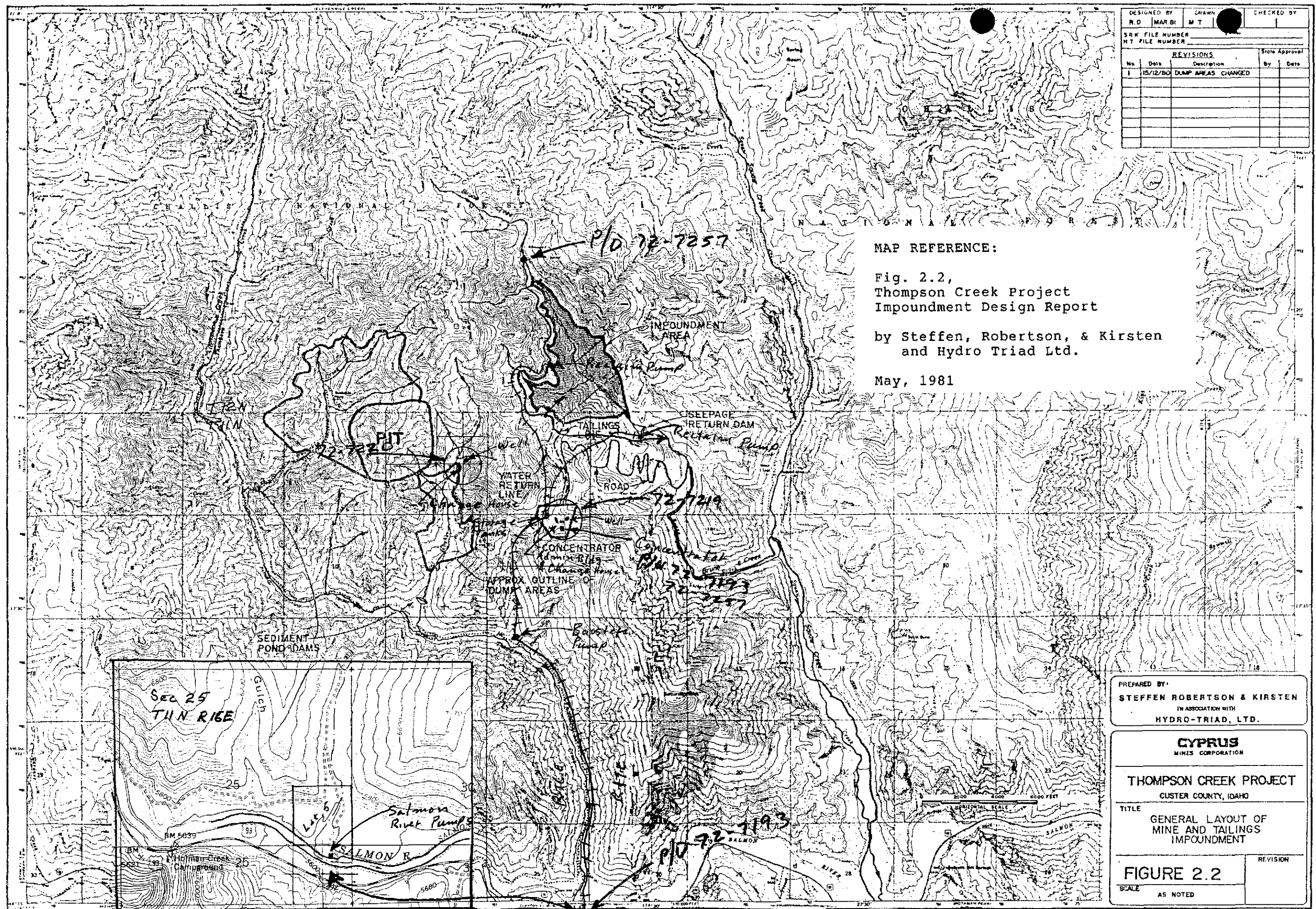
5/15/87

Field Report Preparation Date

8/17/88



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



ANALYSIS OF WATER REQUIREMENTS

PERMITS 72-7193 AND 72-7257

Flow and Consumptive use

The two permits represent the water supply for the operation of the ore concentrator. At its maximum capacity of 35,000 tons of ore per day (per Jamie Sturgess during exam) the concentrator requires a water flow of approximately 30 cfs. In normal operation, all flows of Bruno Creek are diverted into the tailings impoundment and the concentrator uses water reclaimed from the tailings and seepage return ponds. The Salmon River pumping plant supplies water to make up the difference between the process requirements and the water supplied from Bruno Creek. If no water is available from Bruno Creek or in a startup situation, the Salmon River pumps have the capacity to supply the entire operating requirement until sufficient water is stored in the impoundments to operate the plant on reclaimed water.

Water balance information developed during the design of the tailings impoundment is based on a capacity of 25,000 tons per day. Adjustment of the water amounts estimated to be absorbed by slimes and sands by a factor of 1.4 gives the following estimates of water consumption at an operating capacity of 35,000 tons of ore per day:

WINTER OPERATION (274 days)

Flow consumed: 1890 gpm (4.21 cfs)

Volume consumed: 2289 acre-feet

SUMMER OPERATION (91 days)

Flow consumed: 1558 gpm (3.47 cfs)

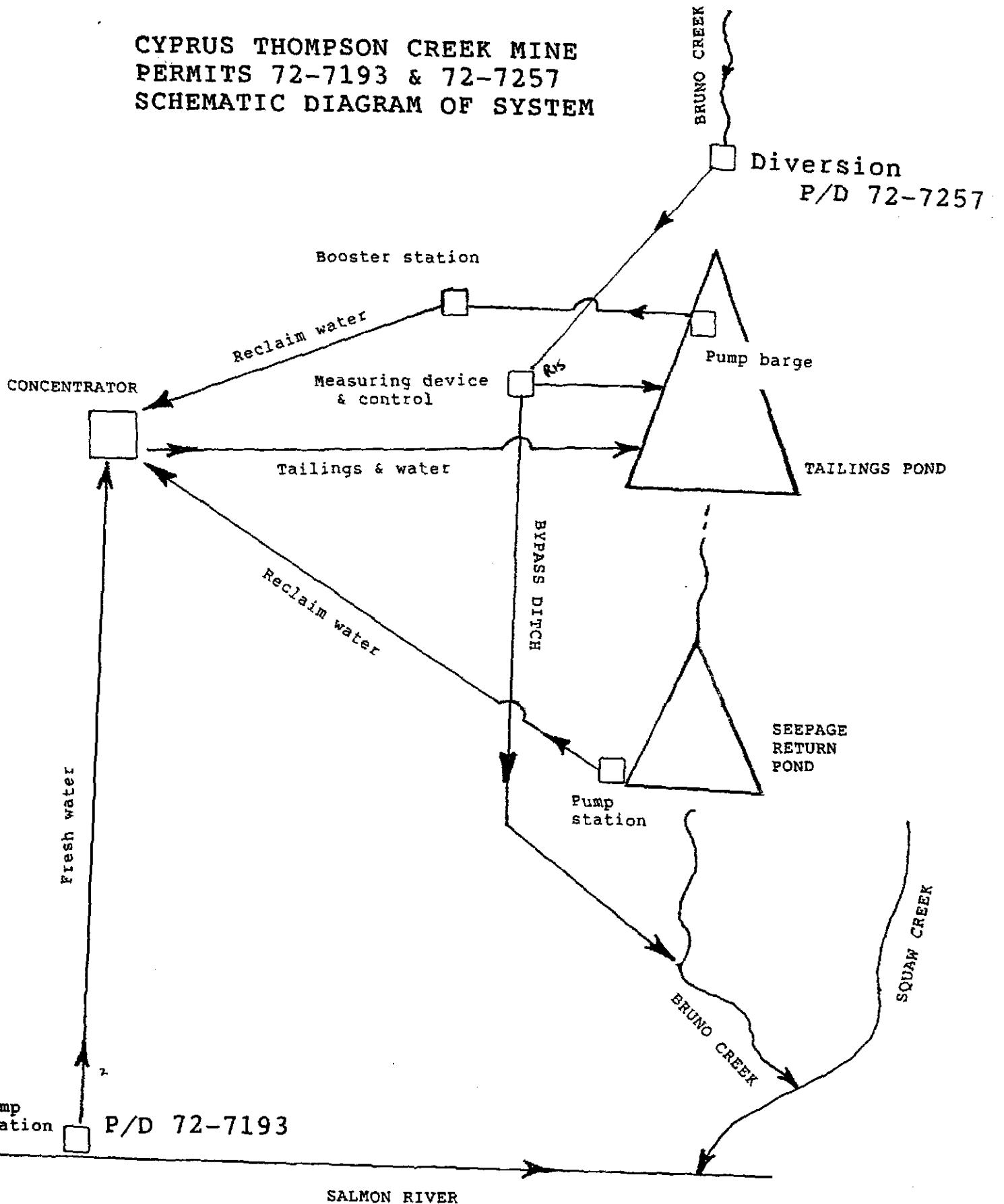
Volume consumed: 627 acre-feet

Total volume consumed per year: 2916 acre-feet

Stored volume

The tailings impoundment is designed to be able to store a probable maximum flood event (PMF). This is estimated to be 1530 acre-feet in the design report. Additionally, the impoundment has capacity to store 160 acre-feet over any 10-day period. The design storage quantities justify licensing a quantity of 1600 acre-feet for industrial storage.

CYPRUS THOMPSON CREEK MINE
 PERMITS 72-7193 & 72-7257
 SCHEMATIC DIAGRAM OF SYSTEM



With the runoff intercepting system operating the annual volume of flow reaching the impoundment can be maintained equal to, or less than, the average annual flow of Bruno Creek.

4.2.2 Flood Flows

During extreme flood events the capacity of the runoff intercepting system will be exceeded; the excess flow reaching the impoundment during a flood requires a reserve flood storage capacity in the impoundment. The estimated magnitudes of floods of various frequencies are described in Section 3.4 and Appendix 1.

All floods which reach the tailings impoundment will be temporarily stored on the impoundment surface. For this reason flood volumes are of more interest than flood discharge rates. Estimated flood volumes, without diversion by the runoff intercepting system, are shown below.

SUMMARY OF TAILINGS IMPOUNDMENT (2.8 mi²) FLOOD VOLUMES

<u>Return Period (Years)</u>	<u>Duration</u>	<u>Type</u>	<u>Volume (ac-ft)</u>	<u>Peak Discharge (cfs)</u>
50	10 day	Snowmelt	285	37
100	10 day	Snowmelt	310	39
1000	10 day	Snowmelt	380	45
10000	10 day	Snowmelt	440	51
PMF	1 day	Precipitation	1530	8800

With the exclusion of the PMF, all significant floods are long duration snowmelt events. These events can be predicted (see Section 4.3). The runoff interceptor system has the capacity to divert approximately 160 acre-ft over any 10 day period, substantially reducing even the 10000 year event. Flood volumes which do reach the impoundment surface can be stored until they are absorbed by normal impoundment operation. This can be achieved by diverting all flow collected by the runoff interceptor in the period following the flood event. The inflow to the system will be reduced until the required return water pond storage is reached.

The impoundment simulation studies show that the reserve flood storage capacity may drop to about 1,100 acre-ft during the first year of operation. This is 72 percent of the PMF volume; but, it is 2.5 times larger than the estimated volume of a 10-day 10,000-year frequency snowmelt flood. The reserve flood storage volume will be less than the PMF volume for approximately four months during the first year. Thereafter, the entire volume of a PMF can be safely stored in the impoundment at all times. (See Addendum 1 Appendix 6).

4.3 System Operation

The operation of the cyclones and the deposition sequence for tailings sand and slimes are discussed in Section 5.0. Operation of the runoff interceptor system and the water reclaim barge will be crucial in maintaining the water balance of the impoundment system. A general layout plan of the interceptor system is shown on Figure 4.3. Details of the system are discussed in SRK-HT report "Runoff Interception System Final Design". Sufficient capacity to compensate for deficits in the volume of water required for operation is available from the production wells located in lower Bruno Creek.

The runoff intercepting system provides operating flexibility which allows the volume of stored water in the impoundment to be controlled.

The runoff intercepting system capacity has been selected as 8 cfs. The system intercepts 1.35 square miles, 48 percent of the total drainage area. This 48 percent is estimated to contribute some 70% of snowmelt runoff, as the snow pack is primarily located on the west side of the impoundment. The system capacity is sufficient to divert all flow in excess of the average annual flow. If a 100-year frequency snowmelt event occurs in June, the diversion system will capture nearly all the water which reaches the inlets; some spill into the impoundment will occur. This spilled volume plus runoff from the area which is not intercepted will be approximately equal to the average June runoff from the entire basin.

Source:

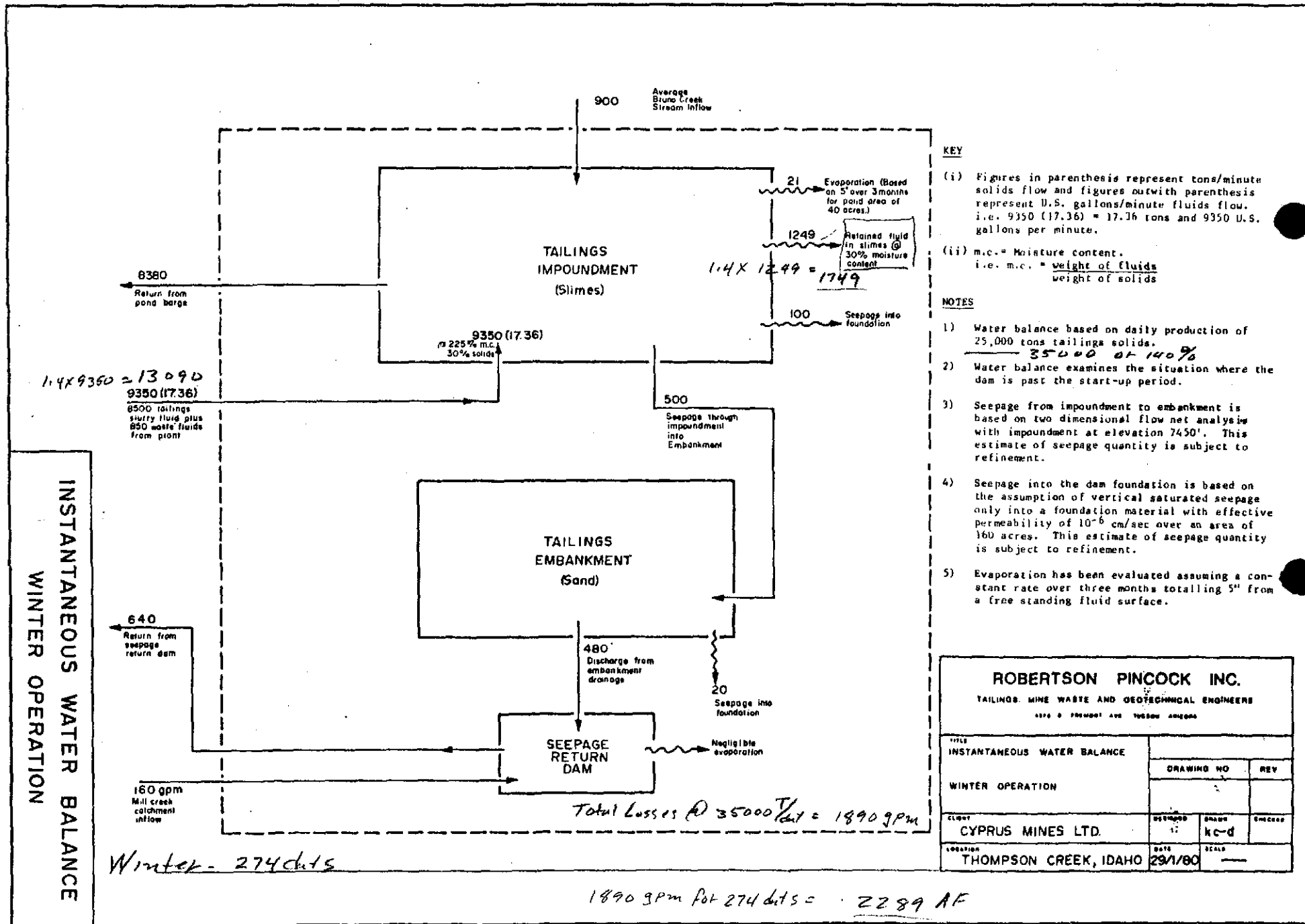
Tailings Impoundment
Design Report

May 1981

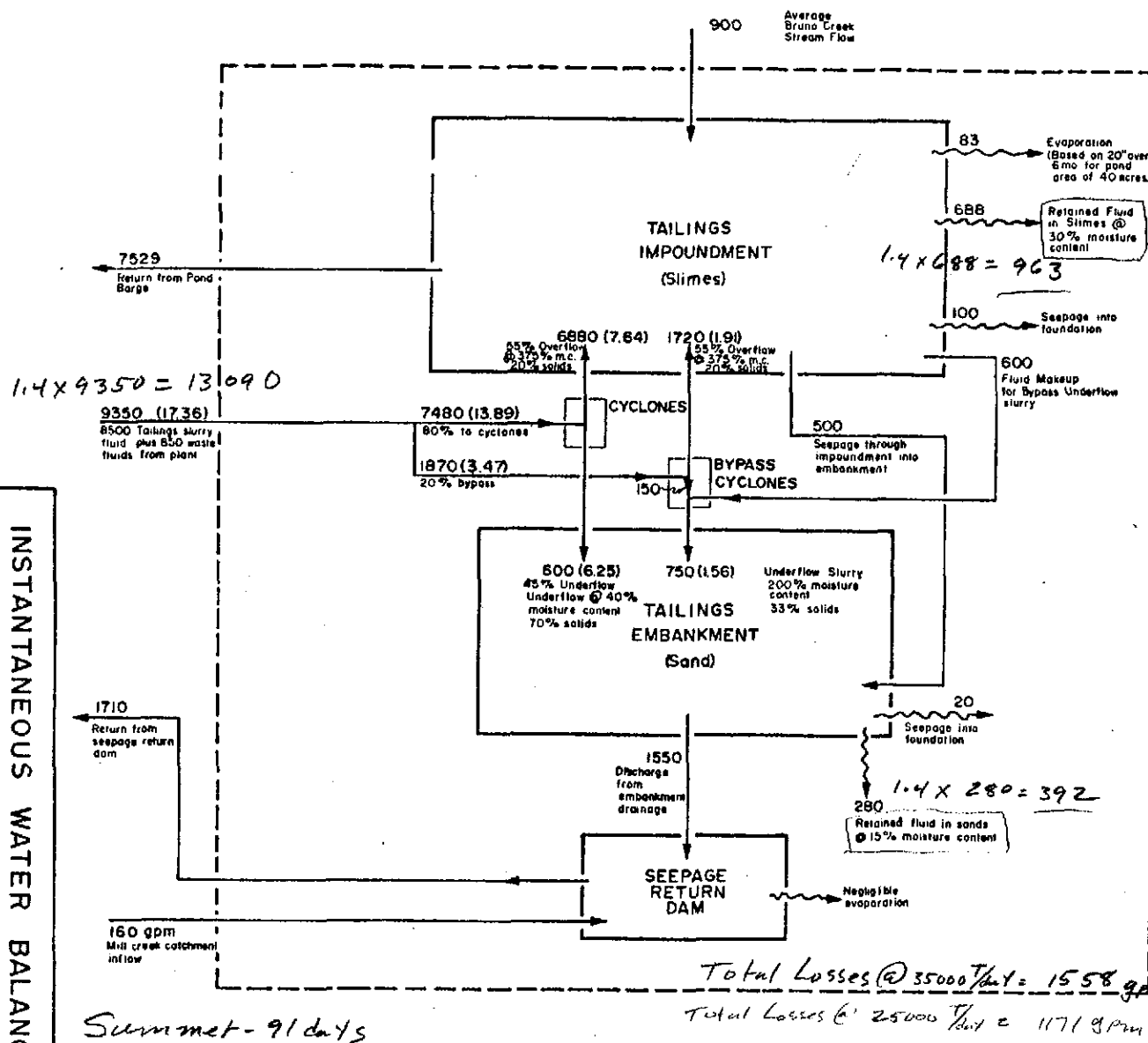
TABLE 3.1

AVERAGE MONTHLY SYNTHETIC STREAM FLOWS
UPPER BRUNO CREEK AT THE TAILINGS EMBANKMENT AXIS

<u>MONTH</u>	<u>cfs</u>	<u>Acre-ft.</u>	<u>Equivalent Depth in.</u>
October	.5	31	.20
November	.5	29	.19
December	.4	27	.18
January	.4	25	.17
February	.4	22	.15
March	.4	25	.16
April	2.8	168	1.12
May	6.7	411	2.75
June	8.0	478	3.20
July	1.8	108	.72
August	.6	37	.24
September	<u>.5</u>	<u>29</u>	<u>.19</u>
Annual	1.9	1392	9.32



INSTANTANEOUS WATER BALANCE SUMMER OPERATION



KEY

(i) Figures in parenthesis represent tons/minute solids flow and figures outwith parenthesis represent U.S. gallons/minute fluids flow. i.e. 9350 (17.36) = 17.36 tons and 9350 U.S. gallons per minute.

(ii) m.c. = Moisture content. i.e. m.c. = $\frac{\text{weight of fluids}}{\text{weight of solids}}$

NOTES

- 1) Water balance based on daily production of 25,000 tons tailings solids. $\frac{35000}{25000} = 140\%$
- 2) Analysis assumes a split of underflow to overflow of 45% to 55% at the cyclones.
- 3) Water balance examines the situation where the dam is past the start-up period.
- 4) Seepage from impoundment to embankment is based on two dimensional flow net analysis with impoundment at elevation 7450'. This estimate of seepage quantity is subject to refinement.
- 5) Seepage into the dam foundation is based on the assumption of vertical saturated seepage only into a foundation material with effective permeability of 10^{-6} cm/sec over an area of 160 acres. This estimate of seepage quantity is subject to refinement.
- 6) Evaporation has been evaluated assuming a constant rate over six months totalling 20" from a free standing fluid surface.
- 7) Bypass cyclones are assumed to produce a split of underflow/overflow of 45%/55% with underflow hydraulically placed in embankment.

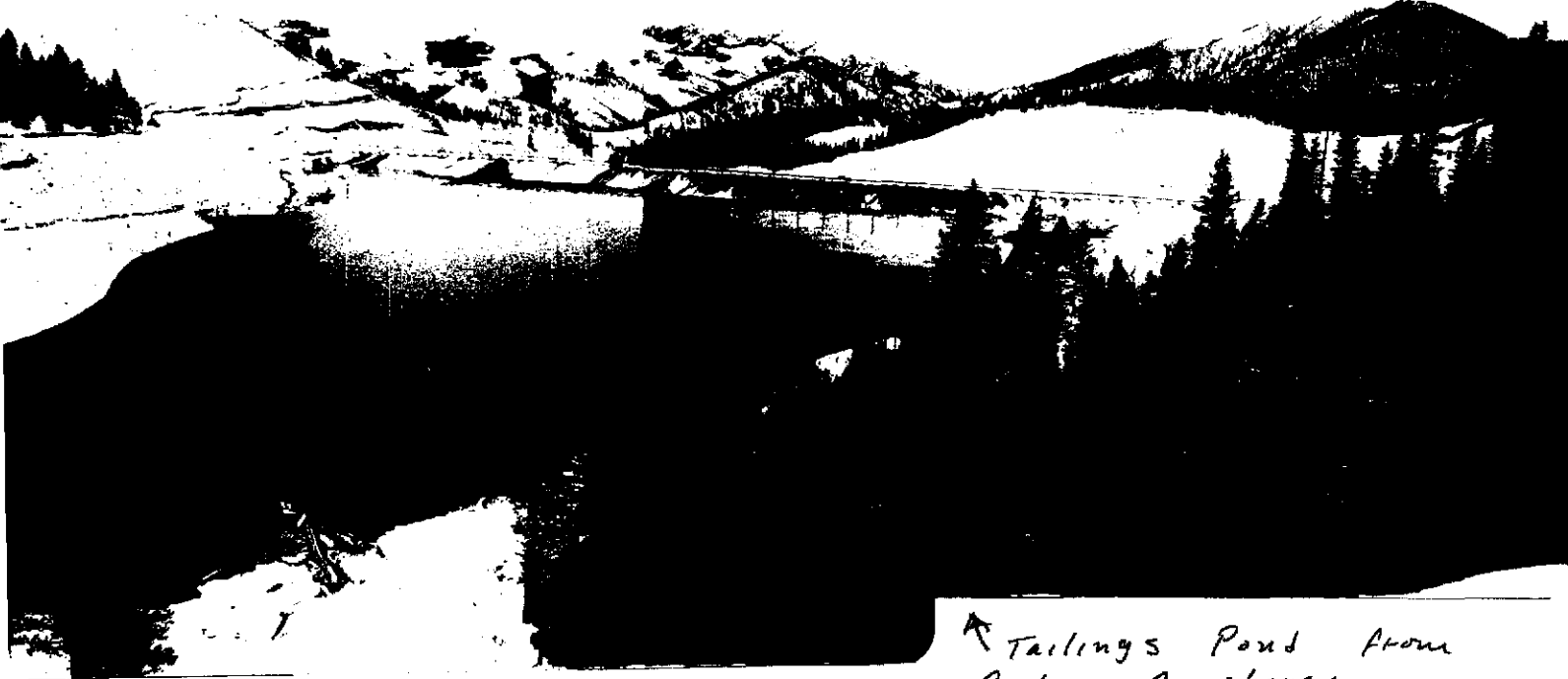
ROBERTSON PINCOCK INC.

TAILINGS, MINE WASTE AND GEOTECHNICAL ENGINEERS

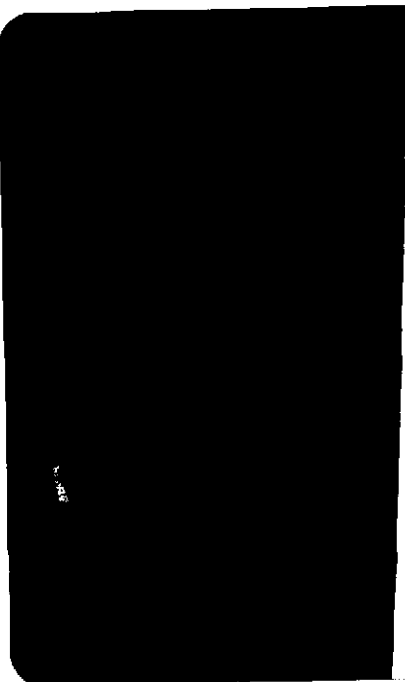
400 E. FARMWAY AVE. TUCSON, ARIZONA

TITLE			
INSTANTANEOUS WATER BALANCE -			
BASED ON ANNUAL UNDERFLOW CYCLONE SPLIT OF 34% TAILINGS PRODUCED WITH BYPASS CYCLONING AND SLURRY			
CLIENT	DESIGNED	DRAWN	CHECKED
CYPRUS MINES LTD.		KC-d	
LOCATION	DATE	SCALE	
THOMPSON CREEK, IDAHO	29/1/80		

72-7193

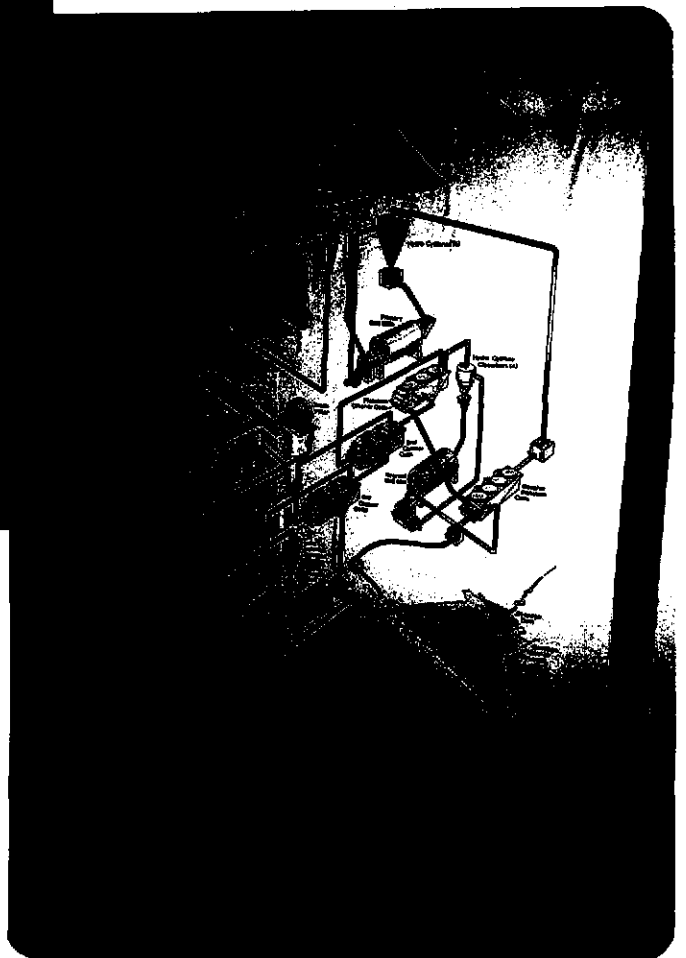


↑ Tailings Pond from
Reclaim Pumphouse

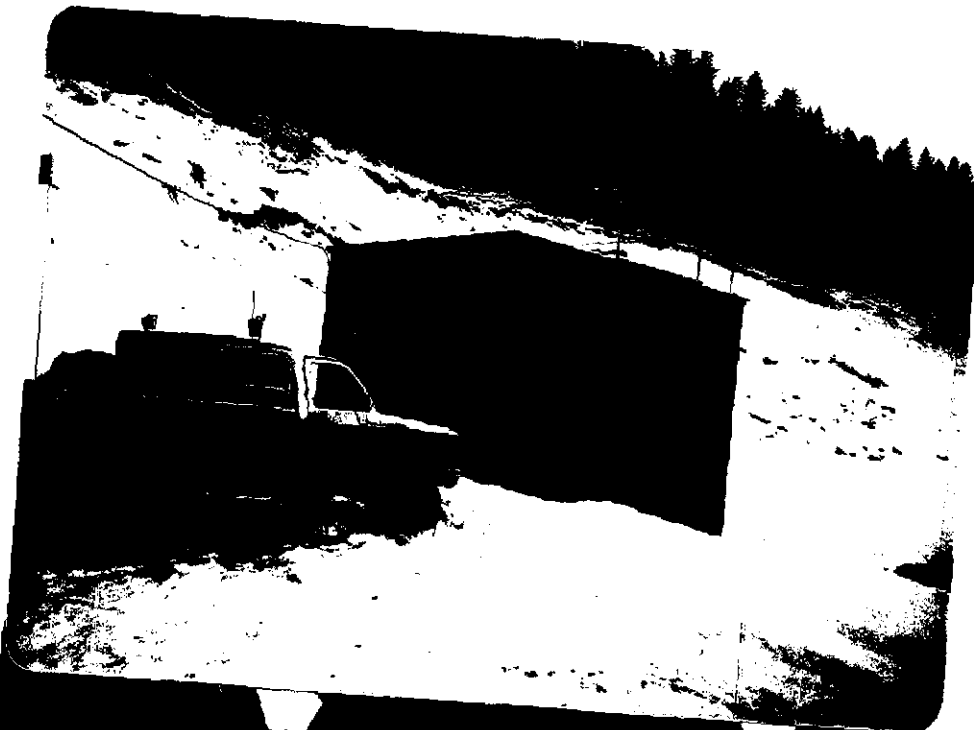


↑ Interior of Reclaim Pumphouse

Diagram of
Mill Process →



72-7193



Seepage Return Pumphouse



Seepage Return Pumps

Seepage Return Pond

Tailings Dam in Background

SRD Pumphouse

72-7193

Seepage return Pumphouse



Seepage return Pumps

Seepage return Pond

Tailings Dam in Background

72-7193

Seepage return Pumphouse

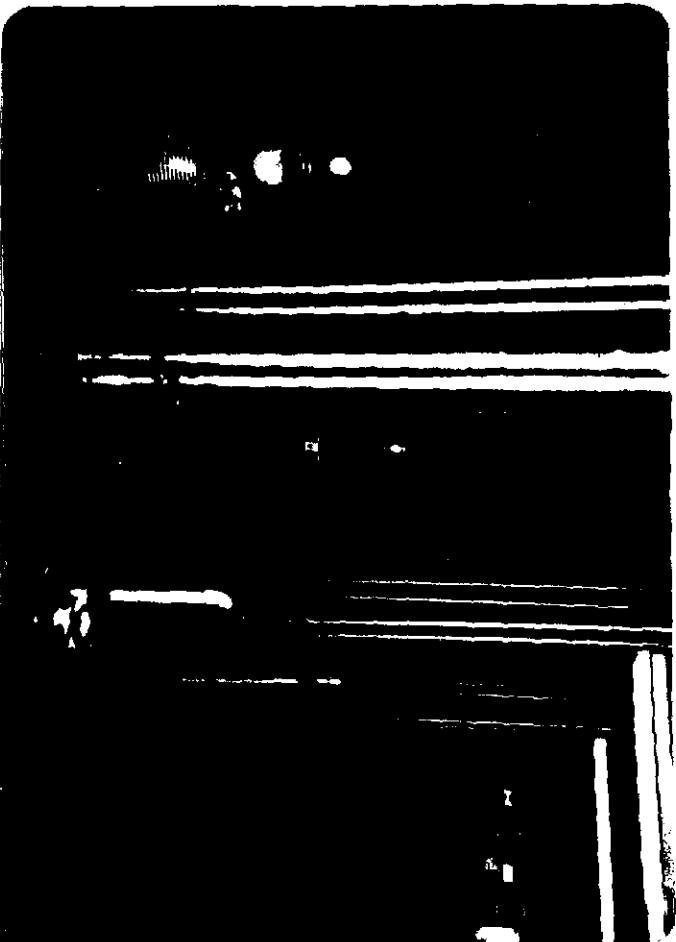
SRD Pumphouse

Seepage return Pumps



Seepage return Pond
Tailings Dam in Background

72-7193



Interior of Salmon
River Pumphouse



Access doors to sub-
surface collectors.

Pump house & compressor
house for back flushing
in background

Flow rate &
totalizing readout
panel in pump house

Salmon R. Pump

72-7193

Interior of Salmon
River Pumphouse



Access doors to sub-
surface collectors.

Pumphouse & compressor
house Air back flushing
in background

Flow rate &
totalizing readout
Panel in pumphouse

72-7193

Interior of Salmon
River Pumphouse

Salmon R. Diversion
Underground collectors
Pumphouse & Compressor house
to background

Access doors to Sub-
Surface Collectors.

Pumphouse & Compressor
house for back flushing
in background

Flow rate &
Totalizing readout
Panel in Pumphouse



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

72-7193

Permit No.

Staff Analysis Sheet
for
Beneficial Use Field Report

A. Prior to Conducting the Exam, the File Contains:

- ☐ Blank Field Report Form
- ☐ Copy of Permit
- ☐ Copies of any Amendments/Orders with conditions of approval
- ☐ Computer Data Proof Report
- ☐ Copy of U.S.G.S. Quad
- ☐ Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index _____ (Initial and date)

Overlap? ☐ yes ☐ no If yes: ☐ copy of exam(s) attached?

Type of Overlap? ☐ Add acres or uses to existing system

☐ Increase rate of flow or volume

☐ Other: _____

Check of P/U index _____ (Initial and date)

Overlap? ☐ yes ☐ no If yes: ☐ copy of water right(s) attached?

Type of Overlap? ☐ Increase rate of flow or volume

☐ Add P/D's

☐ Increase number of acres within tracts

☐ Other: _____

Aerial Photo

Required? ☐ yes ☐ no If yes: ☐ copy attached?

Scheduling Letter sent? _____ (Initial and date)

☐ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☒ Fully completed and signed Field Report Form
- ☒ Photographs of Point of Diversion and Place of Use
- ☒ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

Exam Completed Laura D. Nahua 11/13/84 (Signature of examiner and date)

Exam Reviewed by Senior Water Resource Agent - _____ (Initial and date)

Exam Reviewed by Manager of Regional Office - _____ (Initial and date)

Exam Date Entered in Computer _____ (Initial and date)

Exam sent to State Office _____ (Initial and date)

Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
Refiled in White File _____ (Initial and date)

ELAM, BURKE AND BOYD

ATTORNEYS AND COUNSELORS AT LAW

BOISE OFFICE

702 WEST IDAHO
POST OFFICE BOX 1559
BOISE, IDAHO 83701
TELEPHONE 208-343-5454

CANYON COUNTY OFFICE

1120 SIXTH STREET SOUTH
POST OFFICE DRAWER E
NAMPA, IDAHO 83653
TELEPHONE 208-466-9222

RECEIVED

AUG 11 1988

Department of Water Resources
Southern Region Office

BOISE OFFICE

LAUREL E. ELAM (1888-1974)	TODD J. WILCOX
CARL A. BURKE (1898-1961)	PETER C. K. MARSHALL
CARL P. BURKE	KENNETH M. SEBBY
PETER J. BOYD	TRUDY HANSON FOUSSER
J. RAY DURTSCHI	D. ALAN KOFOED
M. ALLYN DINGEL, JR.	SCOTT L. CAMPBELL
JACK S. GJORDING	BOBBY KILLIAN DOMINICK
JOHN MAGEL	W. DALLAS BURKHALTER
DAVID B. LINCOLN	ALAN CONILOGUE
RICHARD C. MELLON, JR.	ELAINE D. HANSON
ROBERT M. TYLER, JR.	JEFFERY J. VENTRELLA
JAMES D. LARUE	BRENDA G. MEIER
RANDALL A. PETERMAN	JOHN J. JANIS
WILLIAM J. RUSSELL	WENDY E.D. SMITH
KAYE L. O'RIORDAN	JAMES A. FORD
RYAN P. ARMSTRUSTER	STEVEN D. ERDAHL
DAVID E. COMSTOCK	SCOTT W. DAVIDSON
MELVILLE W. FISHER II	JEFFREY A. THOMSON
WILLIAM G. DRYDEN	

CANYON COUNTY OFFICE

WILLIAM F. YOST

August 10, 1988

Loren O. Holmes, P.E.
Southern Region Manager
State of Idaho
Department of Water Resources
2148 4th Avenue East
Twin Falls, Idaho 83301

Department of Water Resources

Re: Cyprus Thompson Creek Mining Company Water Permits
Nos. 72-7193, 72-7219, 72-7220, and 72-7257

Dear Loren:

This will confirm our telephone conversation of August 8, 1988, regarding the above-referenced water permits. You indicated to me that, in view of the formal request for expedited treatment of these permits for licensing purposes, you would exercise your best efforts to complete the examination of the field examination information and other documentation so that the Region recommendation for licensing could be issued within 30 days of this correspondence.

You also indicated that expedited treatment of these permits for licensing purposes could be requested of the Central Office of the Idaho Department of Water Resources. Your assistance in obtaining such expedited treatment from the Central Office will be appreciated. Additionally, I would like to thank you for your cooperation and consideration of these permits.

Very truly yours,

ELAM, BURKE & BOYD

Scott L. Campbell
Scott L. Campbell

SLC:jc
cc Pat Fitch
Craig Gardiner
Bert Doughty
Carl Burke



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 2148 4th Ave. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

July 11, 1988

Scott L. Campbell
P.O. Box 1559
Boise, ID 83701

Re: Cyprus Thompson Creek Mining Co. Permits 72-7101, 72-7192,
72-7219, 72-7220, 72-7257, and 72-7267

Dear Mr. Campbell:

I have researched our files on the above water permits and can report the following:

72-7101 Source: Groundwater Proof Filed: 5/12/82

This permit is for water supply to the construction camp near the mouth of Squaw Creek. The water system was installed and proof was filed. At the end of the construction phase of the mine, the camp was dismantled and the system abandoned. At this point, our file indicates that there is no beneficial use of water under the permit. This office has recommended that Cyprus relinquish the permit.

72-7193 Source: Salmon River Proof Filed: 11/9/84

This permit is for industrial process water diverted from the Salmon River. A field examination was made on 11/13/84. Licensing is pending completion of analysis of field data.

72-7219 Source: Groundwater Proof Filed: 1/10/84

This permit is for potable water supply to the administration building and ore concentrator. a field examination was made on 11/13/84. licensing is pending completion of analysis of field data.

72-7220 Source: Groundwater Proof Filed: 6/28/83

this permit is for potable water supply to facilities at the primary crusher. a field examination was made on 11/13/84. licensing is pending completion of analysis of field data.

72-7257 Source: Bruno Creek Proof Filed: 7/1/83

This permit is for industrial process water from Bruno Creek. The right includes storage of water in the tailings pond and seepage return pond. A field examination was made on 11/13/84. Licensing is pending completion of analysis of field data.

July 11, 1988
Scott L. Campbell
Page 2

72-7267 Source: Thompson Creek

This permit is for irrigation of 32.9 acres (Gettysburg agricultural land). Proof is due 3/1/89 and has not yet been filed. No field examination has been made.

We will strive to have the licenses issued prior to the date waterusers in Custer County will be given notice to file claims in the Snake River Basin Adjudication. At the present time, notice to Custer County is scheduled for September, 1989.

If I can be of any further assistance, please let me know.

Very Truly yours,

Loren O. Holmes, P. E.
Southern Region Manager

LH

ELAM, BURKE AND BOYD

ATTORNEYS AND COUNSELORS AT LAW

BOISE OFFICE

702 WEST IDAHO
POST OFFICE BOX 1559
BOISE, IDAHO 83701
TELEPHONE 208-343-5454

CANYON COUNTY OFFICE

1120 SIXTH STREET SOUTH
POST OFFICE DRAWER E
NAMPA, IDAHO 83653
TELEPHONE 208-466-9222

BOISE OFFICE

LAUREL E. ELAM (1888-1974)	TODD J. WILCOX
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MELVILLE W. FISHER II	JEFFREY A. THOMSON
WILLIAM G. DRYDEN	

CANYON COUNTY OFFICE

WILLIAM F. YOST

May 26, 1988

RECEIVED

JUN 3 1988

Department of Water Resources
Southern Region Office

Allen Merritt, P.E.
Water Resource Engineer
Idaho Department of Water Resources
Southern Region Office
2148 4th Avenue East
Twin Falls, Idaho 83301-7451

Re: Water Permits Nos. 72-7101, 72-7193, 72-7219, 72-7220,
72-7257, and 72-7267

Dear Allen:

This is to confirm our telephone conversation of May 25, 1988, regarding the water permits held by Cyprus Thompson Creek Mining Company, this firm's client.

The main focus of our discussion was the June 1, 1988, deadline for submission of proof of beneficial use, contained on Water Permit No. 72-7257. I indicated to you that my copy of the permit, as well as the water rights proof reading computer printout generated by your Department, indicated that the proof of beneficial use deadline was June 1, 1988. I indicated to you, upon your request, that the computer printout listed the proof made date as January 1, 1900. You informed to me that this apparently incorrect date was provided when the transition was made to computer records by the Department. You indicated that this date demonstrated to you that the required proof of beneficial use had been made for Water Permit No. 72-7257. You also indicated that no additional action would be required prior to the June 1, 1988, deadline.

We also discussed the fact that several water permits owned by Cyprus have not yet been converted into water licenses. Upon my request, you offered to verify the status of each of those pending permits so that I can take any additional required steps to assure that water licenses are issued.

Allen Merritt, P.E.
May 26, 1988
Page 2

In this regard, I would like to receive a status report regarding the following water permits: 72-7101, 72-7193, 72-7219, 72-7220, 72-7257, and 72-7267.

According to the information provided to me, a field exam was conducted on all of the above-referenced water permits, except for Permit No. 72-7267, on November 13, 1984. I assume that the required proof of beneficial use affidavit was submitted prior to the field exam with respect to each water permit. Please notify me if this assumption is incorrect.

Water Permit No. 72-7267 indicates that the proof of beneficial use deadline is March 1, 1989. Additionally, I have no indication that a field exam has been conducted with respect to this permit or that proof of beneficial use has been submitted to the Department.

As I indicated during our telephone conversation, I desire to resolve all outstanding issues regarding the above-referenced permits so that licenses can be issued for these water rights prior to the preparation of the required claim filing in the Snake River Basin Adjudication. I appreciate your assistance and cooperation to accomplish this task.

Please provide me with a written response at your earliest convenience.

Very truly yours,

ELAM, BURKE & BOYD


Scott L. Campbell

SLC:jc
cc Pat Fitch
Carl Burke
Craig Gardner
Bert Doughty



State of Idaho

DEPARTMENT OF WATER RESOURCES

SOUTHERN REGION

CECIL D. ANDRUS
Governor

2148 4th Ave. E.
Twin Falls, Idaho 83301
(208) 734-3578

A. KENNETH DUNN
Director

April 23, 1987

Cyprus Thompson Creek Mining Co.
Attn: Barbara Metz
P.O. Box 62
Clayton, Idaho 83227

RE: Status of Water Rights

Dear Barbara:

As we discussed in our meeting on April 16, 1987 I have checked our records against the index of water rights your company has kept. Our records indicate the following:

<u>Water Right</u>	<u>Status</u>
72-7117	Assigned to City/Exam complete/License Pending
72-7118	Relinquished or Withdrawn
72-7134	Relinquished or Withdrawn
72-7193	Field exam complete/License Pending
72-7219	Field exam complete/License Pending
72-7220	Field exam complete/License Pending
72-7257	Field exam complete/License Pending
72-7267	Permit proof due 3/1/1989
72-7984	Lapsed
72-7083	Lapsed
72-7084	Lapsed
72-7099	Relinquished or Withdrawn
72-7100	Lapsed
72-7101	No relinquishment on file/No beneficial use found 11/84

As can be seen our records give except for 72-7101. Please find enclosed a relinquishment form which I suggest you complete and return to our office to clear up this discrepancy.

Please also find enclosed the proof reports on the above described rights. Please note that the above listing does not include decreed or claimed rights which Cyprus owns.

I hope this listing helps you in your record keeping. I still plan to again visit the mine around May 20, 1987 so if you have further questions we might talk then.

Sincerely,


Allen Merritt, P.E.
Water Resource Engineer

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. 72-7193

Name(s) of Permit Holder(s): Cyrus Thompson Creek Mining Co.

Post Office Address: P.O. Box 755
Challis, Idaho 83226 Tel. No. 208-838-2200

☒ I hereby certify that construction of diversion works for the above referenced permit began on Feb 1, 1983 (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.

Date

 Signature of Permit Holder

PLACE
STAMP
HERE

RECEIVED

MAY 5 1983

Department of Water Resources
Southern District Office



IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd. N
Twin Falls, Idaho 83301
(208) 734-3578

DECEMBER 20, 1984

CYPRUS THOMPSON CREEK MINING COMPANY
P.O. BOX 62
CLAYTON ID 83227

RE: Permit No. 72-7193

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of 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 by phone at 734-3578 or in person at our office at 1041 Blue Lakes Blvd. N. Twin Falls, Idaho.

Sincerely,
s/Mary A. Newby
Secretary



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

November 5, 1984

Jamie Sturgess, Environmental Supervisor
Cyprus Thompson Creek
P.O. Box 755
Challis, ID 83326

Dear Jamie:

Below is a list of current water permits in the name of Cyprus and their status:

NUMBER	SOURCE	STATUS	USE & LOCATION
72-7100	Groundwater (Pit sump)	Proof due 6/1/85	Industrial at mine
72-7101	Groundwater	Exam pending	Domestic at Squaw Cr. camp
72-7083	Groundwater	Lapsed 9/1/84 May reinstate until 11/16/84	Mining & Domestic at mine
72-7084	Groundwater	Lapsed 9/1/84 May reinstate until 11/16/84	Mining & Domestic at mine
72-7117	Groundwater	Exam pending	Irrig., Domestic, Commercial; 800 units at Challis
72-7193	Salmon River	Proof due 8/1/87	Industrial at mine
72-7219	Groundwater	Exam pending	Industrial at mine
72-7220	Groundwater	Exam pending	Industrial, Dom. at mine
72-7257	Bruno Cr.	Exam pending	Storage in tailings & seepage dams

Please note that permits 72-7083 and 72-7084 have lapsed, but may be reinstated if proof of beneficial use or applications for extension of time are filed by Nov. 16, 1984. Proof cards and extension of time forms are enclosed.

November 5, 1984
Jamie Sturgess
Page 2

We plan to be at the mine to do licensing exams on existing development on Nov. 13. Any additional proofs that need to be filed will be accepted at that time.

I will call at the end of the week to confirm time and place.

If you have questions, or if this office can be of assistance, please contact us.

Very truly yours,

Loren O. Holmes
Southern Region Supervisor

LDH:marya

Encl:

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 72-7193.

Name(s) of Permit Holder: Cyrus Thompson Creek Mining Company

Post Office Address: PO Box 62

Clayton ID 83227 Tel. No. 838-2200

Source of Water: Salmon River

Extent of Use:

☐ Domestic	_____	(number of households)
☐ Stockwater	_____	(number and type of stock)
☐ Irrigation	_____	(acres)
☒ Other	<u>Industrial</u>	

Measuring Device:	Required?	☒ Yes ☐ No	Installed?	☒ Yes ☐ No
Access Port:	Required?	☐ Yes ☐ No	Installed?	☐ Yes ☐ No

The above information is a true statement of the extent to which the above numbered permit has been developed.

9 Nov. 1984
Date

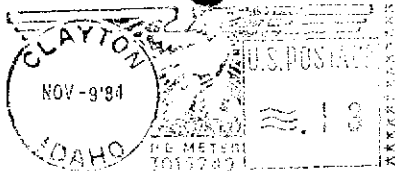
MICROFILMED

J. Astingers
Signature of Permit Holder

Cypress Thompson Creek M^{tn} Sta

PO Box 62

Clayton, Id. 83227



RECEIVED

NOV 13 1984

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

Department of Water Resources

MICROFILMED

June 9, 1983

Cyprus Thompson Creek
P.O. Box 755
Challis, Idaho 83226

RE: Permits 72-7083, 72-7084, 72-7099, 72-7100, 72-7118,
72-7134, 72-7193, 72-7219, & 72-7220

Dear Mr. McGee,

This office acknowledges relinquishment of Permits 72-7099, 72-7118, 72-7134 as set forth in your letter dated April 29, 1983.

We also acknowledge receipt of Commencement of works postcard on Permits 72-7193, 72-7100, 72-7084, & 72-7219.

In your letter you stated that Commencement of works had begun on Permits 72-7220 & 72-7083, however a postcard for those permits were not included. I have enclosed two more blue Commencement of works postcards for your use in this matter. Please complete them and return to our office by June 30, 1983.

If you have any questions, please contact me at 334-4123.

Sincerely,

ROBYN CARLSON
Technical Records Specialist

RC:jvv
Enclosure

MICROFILMED

Cyprus Thompson Creek

Post Office Box 755
Challis, Idaho 83226
Telephone (208) 879-4299

April 29, 1983

Idaho Department of Water Resources
Southern Region
1041 Blue Lakes Boulevard, North
Twin Falls, Idaho 83301

Dear Sir:

As required by changes made in 1982 to section 42-204 of the Idaho Code, Cyprus Thompson Creek Mining Company hereby submits four (4) Commencement of Works blue cards (72-7193, 72-7100, 72-7084 and 72-7219).

Commencement of Works is also hereby documented for permits 72-7220 and 72-7083. Drilling for water under permit No. 72-7083 began on November 1, 1979 and was complete on March 10, 1980.

Drilling under permit No. 72-7220 began on March 8, 1983.

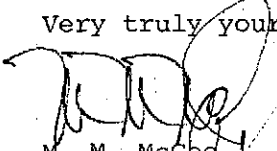
Cyprus hereby abandons any permit rights under permit No. 72-7134 (Maraffio Gravel Pit).

Cyprus hereby abandons rights under No. 72-7099 (Thompson Creek Surface Water for Industrial Use).

Cyprus hereby abandons rights under Permit No. 72-7118 (Advanced Construction Camp Well Permit).

If you have any questions or require further documentation, please advise.

Very truly yours,


M. M. McGee
General Manager

MMM:JAS:ns
9/IQ

cc: P-23-a Water Rights
P-23-b Approved Water Rights

RECEIVED

MAY 11 1983

Idaho Department of Water Resources
Challis, Idaho 83226

MICROFILMED

CYPRUS

Form 204-p
6/82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Salmon River Pump
Station

Permit No. 72-7193
Name(s) of Permit Holder(s): Cyrus Thompson Creek Mining Co.
Post Office Address: P.O. Box 755
Challis, Idaho 83226 Tel. No. 208-838-2200

☒ I hereby certify that construction of diversion works for the above referenced permit began on Feb 1, 1983 (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 permit holder must not be a

MICROFILMED

[Signature]
Signature of Permit Holder

August 26, 1982

RE: Permit No. 72-7193

Cyprus Thompson Creek Mining Co.
P.O. Box 755
Challis, ID 83226

Gentlemen:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the fourth page.

Be sure to note the special condition requiring you to install a measuring device, or an access port to provide for the installation of measuring equipment by the Department. Enclosed please find a list of measuring device options, and specifications for the installation of the access port.

We have enclosed a form entitled "Making Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a license.

Sincerely,

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

DRT:kw
Enclosures

cc: Jamie Sturgess, Cyprus Thompson Creek Mining Co.
Pat Green, Yankee Fork Ranger District
Enclosure

RECEIVED
AUG 29 1982
WATER RESOURCES
DIVISION
IDAHO DEPARTMENT OF
LAND



STATE OF IDAHO

DEPARTMENT OF LANDS

STATEHOUSE, BOISE, IDAHO 83720

GORDON C. TROMBLEY
DIRECTOR

STATE BOARD OF LAND COMMISSIONERS

JOHN V. EVANS
GOVERNOR AND PRESIDENT
PETE T. CENARRUSA
SECRETARY OF STATE
DAVID H. LEROY
ATTORNEY GENERAL
JOE R. WILLIAMS
STATE AUDITOR
JERRY L. EVANS
SUPT OF PUBLIC INSTRUCTION

July 19, 1982

Department of Water Resources
Southern Region
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301

RECEIVED

JUL 20 1982

Department of Water Resources
Southern District Office

RE: 72-7193

Gentlemen:

The Department of Lands has no objection to the diversion of water. Construction of a channel and installation of a trash rack below the ordinary high water mark will require an easement from the Department of Lands.

Very truly yours,

William A. Scribner
WILLIAM A. SCRIBNER, Chief
Bureau of Navigable Waters

WAS:bv

cc: Bureau of Minerals
Cyprus Mining Co.

MICROFILMED

SALMON RIVER BASIN

(TWO LAKE CREEK, WARM SPRINGS
AND SLATE CR ENTER BELOW THIS
GAGE AND ABOVE THOMPSON CR.)

13296500 Salmon River below Yankee Fork, near Clayton, ID

LOCATION.--Lat 44°16'06", long 114°43'55", in sec.20, T.11 N., R.15 E. (unsurveyed), Custer County, Challis National Forest, on left bank 700 ft (213 m) downstream from Yankee Fork, 18 mi (29 km) upstream from Clayton, and at mile 366.9 (590.3 km).

DRAINAGE AREA.--802 mi² (2,077 km²). Mean altitude, 7,790 ft (2,374 m);

PERIOD OF RECORD.--October 1921 to December 1971, April to September 1972, October 1973 to September 1975 (high-water discharges only). Monthly discharges only for some periods, published in WSP 1317.

GAGE.--Water-stage recorder. Altitude of gage is 5,900 ft or 1,798 m (by barometer). Sept. 3, 1927, to Nov. 5, 1934, at site 200 ft (61 m) downstream at approximately present datum. Oct. 3, 1926, to Sept. 2, 1927, at site 200 ft (61 m) downstream at approximately present datum. Prior to Oct. 3, 1926, nonrecording gage at site 200 ft (61 m) downstream at datum approximately 1.5 ft (0.5 m) higher.

REMARKS.--Records excellent. Diversion above station for irrigation of about 4,400 acres (1,780 km²), 1966 determination. Water-quality records are published in reports of the Geological Survey.

AVERAGE DISCHARGE.--50 years, 1,002 ft³/s (28.4 m³/s), 16.97 in/yr (431 mm/yr), 725,900 acre-ft/yr (895 km³/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum, 10,400 ft³/s (295 m³/s) June 17, 1974 (gage height, 11.86 ft or 3.615 m); minimum, 160 ft³/s or 4.53 m³/s (estimated) Nov. 25-30, 1929.

EXTREMES.--Maximums and minimums (discharge in cubic feet per second, gage height in feet).

Annual maximum discharge (*) and peak discharges above base of 1350 ft³/s (38.6 m³/s), water years 1971-75

Date	Time	Discharge (ft ³ /s) (m ³ /s)	Gage height (ft) (m)	Date	Time	Discharge (ft ³ /s) (m ³ /s)	Gage height (ft) (m)
May 14, 1971	0100	5340	8.34	June 8, 1972	2100	*8740	10.59
May 30, 1971	1700	6170	8.94	June 17, 1974	-	*10400	11.86 3.615
June 26, 1971	2000	*7470	9.78	June 7, 1975	-	*5950	8.55 2.606
May 17, 1972	0400	4350	7.43				

Annual minimum discharge, water years 1971-75

Water year	Date	Discharge (ft ³ /s) (m ³ /s)	Gage height (ft) (m)	Water year	Date	Discharge (ft ³ /s) (m ³ /s)	Gage height (ft) (m)
1971	Nov. 22, 1970	301	1.92	1974	-	-	-
1972	Dec. 2, 1971	440	2.11	1975	-	-	-

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	554	563	711	470	573	445	464	1540	5440	4030	1510	726
2	540	557	648	420	560	434	446	1950	4910	4000	1460	716
3	547	537	660	390	541	462	483	2280	4350	3930	1440	704
4	535	547	605	380	519	462	485	2470	3980	3810	1380	695
5	547	569	590	390	511	459	499	2530	3840	3690	1350	690
6	551	578	657	430	446	430	538	2650	3840	3600	1400	687
7	551	579	661	490	494	455	587	2830	4100	3470	1360	780
8	540	565	664	520	491	454	588	3120	4770	3320	1310	771
9	552	585	653	520	483	445	604	3290	5720	3290	1250	745
10	572	617	549	490	517	453	626	3680	5930	3310	1200	721
11	565	581	579	480	535	457	587	3770	6100	3250	1140	710
12	578	582	510	488	511	473	584	4400	6060	3090	1100	705
13	567	553	475	469	510	479	564	5080	6310	2930	1050	712
14	551	487	490	473	501	454	617	4950	6560	2850	1020	708
15	548	515	579	467	513	477	715	4580	6330	2780	988	698
16	550	561	566	460	507	449	748	5060	6090	2750	959	691
17	551	555	539	525	488	468	735	4340	6090	2790	943	695
18	549	542	504	586	506	429	714	3720	6000	2790	928	701
19	551	529	470	614	499	441	708	3380	5840	2740	894	706
20	547	531	475	642	477	450	851	3060	5750	2780	865	690
21	557	501	541	590	443	460	975	2780	6130	2650	837	687
22	571	409	533	567	446	465	1010	2570	6600	2510	821	680
23	572	521	500	584	471	469	1030	2430	6940	2390	800	678
24	605	839	520	583	487	469	980	2630	6870	2260	786	666
25	584	1450	504	581	476	465	930	2420	6550	2110	774	664
26	580	1030	504	571	465	487	910	3530	7050	1970	761	681
27	504	868	526	557	460	494	921	4390	6970	1870	736	712
28	535	801	530	538	458	480	940	5030	5880	1770	726	711
29	569	734	540	509	---	482	1050	5390	5010	1690	732	729
30	569	762	540	546	---	500	1240	5460	4340	1630	757	757
31	573	---	540	570	---	506	---	5730	---	1570	762	---
TOTAL	17263	19048	17433	15900	13928	14353	22169	112240	170320	87620	32039	21221
MEAN	557	635	562	513	497	463	739	3621	5677	2826	1034	707
MAX	605	1450	711	642	573	506	1240	5960	7050	4030	1510	780
MIN	504	409	470	380	443	429	464	1540	3840	1570	726	666
CFSM	.70	.79	.70	.64	.62	.58	.92	4.52	7.04	3.52	1.29	.88
IN.	.80	.88	.81	.74	.65	.67	1.03	5.21	7.90	4.06	1.49	.98
AC-FT	36240	37780	34580	31540	27630	28470	43970	222000	337800	173800	63550	42090

CAL YR 1970 TOTAL 419882 MEAN 1150 MAX 6200 MIN 355 CFSM 1.43 IN 19.48 AC-FT 832800
WTR YR 1971 TOTAL 543534 MEAN 1489 MAX 7050 MIN 380 CFSM 1.86 IN 25.21 AC-FT 1078000 ≈ 1500 cfs avg

MICROFILMED



STATE OF IDAHO

RECEIVED

DEPARTMENT OF HEALTH AND WELFARE

JUL 16 1982

DIVISION OF ENVIRONMENT
150 North 3rd Avenue
Pocatello, Idaho
83201

Department of Water Resources
Southern District Office

15 July 1982

Loren O. Holmes, Rgnl. Supervisor
Department of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301

Re: Application #72-7193
(Custer County)

Dear Loren:

With reference to the subject application submitted by Cyprus Mining Co., Thompson Creek, Challis, the Division of Environment is very interested in this proposed appropriation of State water.

In particular, we are concerned that the withdrawal of 30 cfs. during low flows (winter and late summer) may degrade water quality. Possible results are an increase in concentrations of inorganic compounds (particularly heavy metals), sediment deposition, benthic scouring by ice, and destruction of aquatic organisms.

Please keep us informed of all pertinent information.
Thank you.

Sincerely,

John R. Moeller
Sr. Environmental Specialist

JRM/md
CC: Gordon Hopson

MICROFILMED



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

July 2, 1982

Mr. Henry Moran
Idaho Department Health & Welfare
Division of Environment
Custer County
636 Pershing
Pocatello, Idaho 83201

Re: Application for Permit No. 72-7193

Dear Mr. Moran:

Enclosed is a copy of the above referenced application for your information and files.

Sincerely,

Mary A. Hill
Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

RECEIVED
JUL 14 1982
SOUTHERN REGION



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

July 2, 1982

Mr. Tom Reinecker, Supervisor
Idaho Department Fish & Game
Region #6
1515 Lincoln Road
Idaho Falls, Idaho 83401

Re: Application for Permit No. 72-7193

Dear Mr. Reinecker:

Enclosed please find a copy of the above referenced application for your information and files.

Sincerely,

Mary A. Hill
Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

MICROFILMED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Alfred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

July 2, 1982

Larry Jones
Department of Public Lands
Statehouse
Boise, Idaho 83720

Re: Application for Permit No. 72-7193

Dear Mr. Jones:

Enclosed is a copy of the above referenced application for permit for your information and files.

Sincerely,

Mary A. Hill
Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

MICROFILMED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

July 2, 1982

U. S. Department of Interior
Bureau of Land Management
P. O. Box 430
Salmon District
Salmon, Idaho 83467

Re: Application for Permit No. 72-7193

Gentlemen:

Enclosed is a copy of the above referenced application for permit
for your information and files.

Sincerely,

Mary A. Hill
Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

MICROFILMED



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

July 2, 1982

Mr. Jack Bills, Supervisor
Challis National Forest
Challis, Idaho 83226

Re: Application for Permit No. 72-7193

Dear Mr. Bills:

Enclosed is a copy of the above referenced application for permit
for your information and files.

Sincerely,

Mary A. Hill
Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

RECEIVED
JUL 10 1982



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

July 2, 1982

Glen Saxton
Chief Operations Bureau
Department of Water Resources
Statehouse
Boise, Idaho 83720

Re: Application for Permit No. 72-7193

Dear Mr. Saxton:

Enclosed is a copy of the above referenced application for permit for your information and files.

Sincerely,

Mary A. Hill
Secretary

for

Loren O. Holmes
Southern Region Supervisor

Encl:

RECEIVED
JUL 10 1982

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd N.
Twin Falls, Idaho 83301
(208) 734-3578

JUNE 29, 1982

Custer Publishing Company
P. O. Box 405
Challis, Idaho 83226

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JULY 26, 1982.

Yours truly,

Mary A. Hill

Mary A. Hill
Secretary

Encl.

MICROFILMED

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:

22-2192

CYPRUS THOMPSON CREEK MINING CO.

P.O. BOX 755, CHALLIS, ID 83226

Source: SALMON RIVER tributary to SNAKE RIVER

Date Filed: 06/10/1982

Amount: 30.00 CFS

Diversion Point: SWSW Sec 27 T 11N R 17E NESE Sec 25 T 11N R 16E,
CUSTER Co.

Use: INDUSTRIAL (30.00 CFS) from 01/01 to 12/31

Place of Use: Sec 05 T 11N R 17E Sec 06 T 11N R 17E Sec 08 T 11N R 17E
Sec 09 T 11N R 17E Sec 16 T 11N R 17E Sec 21 T 11N R 17E
Sec 28 T 11N R 17E Sec 27 T 11N R 17E Sec 01 T 11N R 16E
Sec 02 T 11N R 16E Sec 03 T 11N R 16E Sec 04 T 11N R 16E
Sec 11 T 11N R 16E Sec 12 T 11N R 16E Sec 31 T 12N R 17E
Sec 25 T 12N R 16E Sec 33 T 12N R 16E Sec 34 T 12N R 16E
Sec 35 T 12N R 16E Sec 36 T 12N R 16E

Diversion Means: DITCH, PUMP

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, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before JULY 26, 1982.

A. KENNETH DUNN

Director

Published 7/8 & 7/15/82.

RECEIVED

**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:

72-7193

CYPRUS THOMPSON
CREEK MINING CO.
P.O. BOX 755, CHALLIS,
ID 83226

Source: SALMON RIVER
tributary to SNAKE RIVER

Date Filed: 06/10/1982

Amount: 30.00 CFS

Diversion Point: SWSW

Sec 27 T 11N R 17E NESE Sec

25 T 11N R 16E, CUSTER Co.

Use: INDUSTRIAL (30.00
CFS) from 01/01 to 12/31

Place of Use: Sec 05 T 11N

R 17E Sec 06 T 11N R 17E Sec

08 T 11N R 17E Sec 09 T 11N R

17E Sec 16 T 11N R 17E Sec 21

T 11N R 17E Sec 28 T 11N R

17E Sec 27 T 11N R 17E Sec 01

T 11N R 16E Sec 02 T 11N R

16E Sec 03 T 11N R 16E Sec 04

T 11N R 16E Sec 11 T 11N R

16E Sec 12 T 11N R 16E Sec 31

T 12N R 17E Sec 25 T 12N R

16E Sec 33 T 12N R 16E Sec 34

T 12N R 16E Sec 35 T 12N R

16E Sec 36 T 12N R 16E

Diversion Means: DITCH,
PUMP

*OK
mayer
7/8/82*



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

C. Stephen Allred
Director

June 11, 1982

Cyprus Thompson Creek
P.O. Box 755
Challis, ID 83226

Attention: Jamie Sturgess

Dear Mr. Sturgess:

Returned herewith, per our discussion, is Cyprus Mines application to appropriate water from the Salmon River, Together with check 92-297/5000 for \$525.

A preliminary check of the application indicates that it is in form to receipt, except that the application document needs to be signed.

Also, as I mentioned, it would be helpful to have a small scale map which can be reproduced on an office copier to facilitate routing of the application.

If you have any questions, please feel free to contact me.

Very truly yours

Loren O. Holmes
Southern Region Supervisor

RECEIVED
JUN 14 1982

Cyprus Thompson Creek

Post Office Box 755
Challis, Idaho 83226
Telephone (208) 879-4299

June 8, 1982

RECEIVED

JUN 10 1982

**Department of Water Resources
Southern District Office**

Loren Holmes
District Supervisor
Department Water Resources
1041 Blue Lakes Boulevard North
Twin Falls, Idaho 83301

Dear Mr. Holmes:

The application and fee accompanying this letter request a 30 cubic feet per second (cfs) allocation from the Salmon River, to be diverted in the vicinity of the Cyprus Thompson Creek Mine in Custer County Idaho. The 30 cfs industrial allocation would be a maximum pumping rate approached only during mill start-up, after extended shut-down or when other project water sources fail to provide enough water to continue operations.

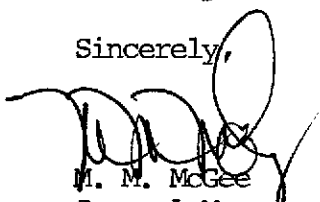
Until March of 1982, Cyprus Mines Corporation was confident that local groundwater sources could be developed to provide the start-up, surge and operating needs of the 25,000 ton ore/day Molybdenum mine and mill facility (producing 50,000 lbs/day Molybdenum). Formal production-well pumping tests were completed in March. Recharge data collected since these March tests document that the aquifer can only support a fraction of the facility water requirements.

Alternative water sources which have been considered include: Headwater storage, offchannel storage, Squaw Creek diversion, Thompson Creek diversion, Salmon River diversion, alluvial wells, full-field of deep-wells and tailing impoundment pumped storage. Of the options considered, only one can guarantee year round water at reasonable cost: The use of the Salmon River water.

A formal engineering study comparing alternatives is nearing completion. A copy of this study will be forwarded as soon as it is available.

Your cooperation is appreciated.

Sincerely,


M. M. McGee
General Manager

MM:JS:ns

CYPRUS