

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 77-7310

Exam Date: 9/6/1995

1. Current Owner: CSC MINING CO
502 N 3RD NO 187
MC CALL ID 83638
(208)634-3700
2. Accompanied by: James Striken
Phone No: Same
Address: Same
Relationship to Permit Holder: President

3. SOURCE TRIBUTARY
UNNAMED STREAM WARREN CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: **None** (77-7331 was cancelled 12/2/96. 77-13849 mining use at Rescue mine with recorded P/U in NESW Section 12 only, not same QQ recommended for this license).
2. Other water rights with the same point of diversion: **None**

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

UNNAMED STREAM SE1/4SW1/4 Sec. 12, Twp 22N, Rge 06E, B.M.
IDAHO County

Method of Determination: USGS 7 1/2' Topo

2.

PLACE OF USE: MINING

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
22N	06E	12												X					

Method of Determination:

USGS 7 1/2' Topo

3. X Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- X Aerial Photo Attached (required for irrigation of 10+ acres).
- X Photo of Diversion and System Attached

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
None – Gravity System					

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
5 gallon bucket & stopwatch						

2. Measurements:

Could not measure inflow to storage tank. Outflow from tank with bigger pipe so not reflective of diversion from source. Allow 0.01 cfs (~4.5 gpm) since is minimum WR can have.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

None. See Flow Measurement section notes above.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses:

$$V_R = 0.01 \text{ cfs} \times 448.83 \text{ gpm/cfs} \times 8 \text{ hr/day} \times 120 \text{ days/yr} \times 60 \text{ min/hr} \times 1 \text{ ac-ft}/325,850 \text{ gal} = 0.8 \text{ AFA}$$

$$V_D = 0.01 \text{ cfs} \times 365 \text{ days/yr} \times 1.9835 = 7.2 \text{ AFA}$$

$$V = \text{Smaller of } V_R \text{ and } V_D = V_R = 0.8 \text{ AFA}$$

G. NARRATIVE/REMARKS/COMMENTS

A 1" black plastic pipe diverts water (gravity flow) from unnamed stream (locally aka Troll Gulch) near old Troll Tunnel. Pipe runs to old storage tank set in old road. 1 1/2" outlet pipe from tank runs down to mine site (P/U). Total distance P/D to P/U ~ 900 ft. Used at mine for washing products, panning, other milling needs (for gold mine). Water is recycled for additional use. Owner estimates water system runs @ 8 hrs/day @ 120 days/yr. Settling ponds (1 primary one and several smaller secondary ones) found on site (not storage, is "waste water" that is recycled).

Primary water source is mine tunnel above mill. This water diverted via larger pipe(s) & tank and is used then recycled. Need to i.d. water right (AJ claim?) for this 1 source that is different than one examined today. [AJ claim filed after this field exam conducted. WR 77-13849 decreed 3/20/2008 with a 1935 priority for primary water source use from the mine tunnel described here. This right decreed with P/U in NESW only, not same QQ as recommended for this license.]

This exam report largely based on notes of Steve Lester's exam of this site on 9/6/1995 (attached). His notes were supplemented with; 1. Analysis of aerial photography to create maps and confirm P/D and P/U legal descriptions and 2. Review of current water right records for overlap analysis in writing this final exam report. Rescue mine is currently (as of 2/28/2012) operated by Shoshone Silver Gold Mining Co. Shoshone Silver Gold Mining Co. have a plan of operations in place with the USDA Forest Service (Payette National Forest) per documentation on file for water right application 77-14340 currently being processed for the same P/U (Rescue Mine).

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MINING	1/01 to 12/31	0.010 CFS	0.8 AFA
<u>Totals:</u>		0.010 CFS	0.8 AFA

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

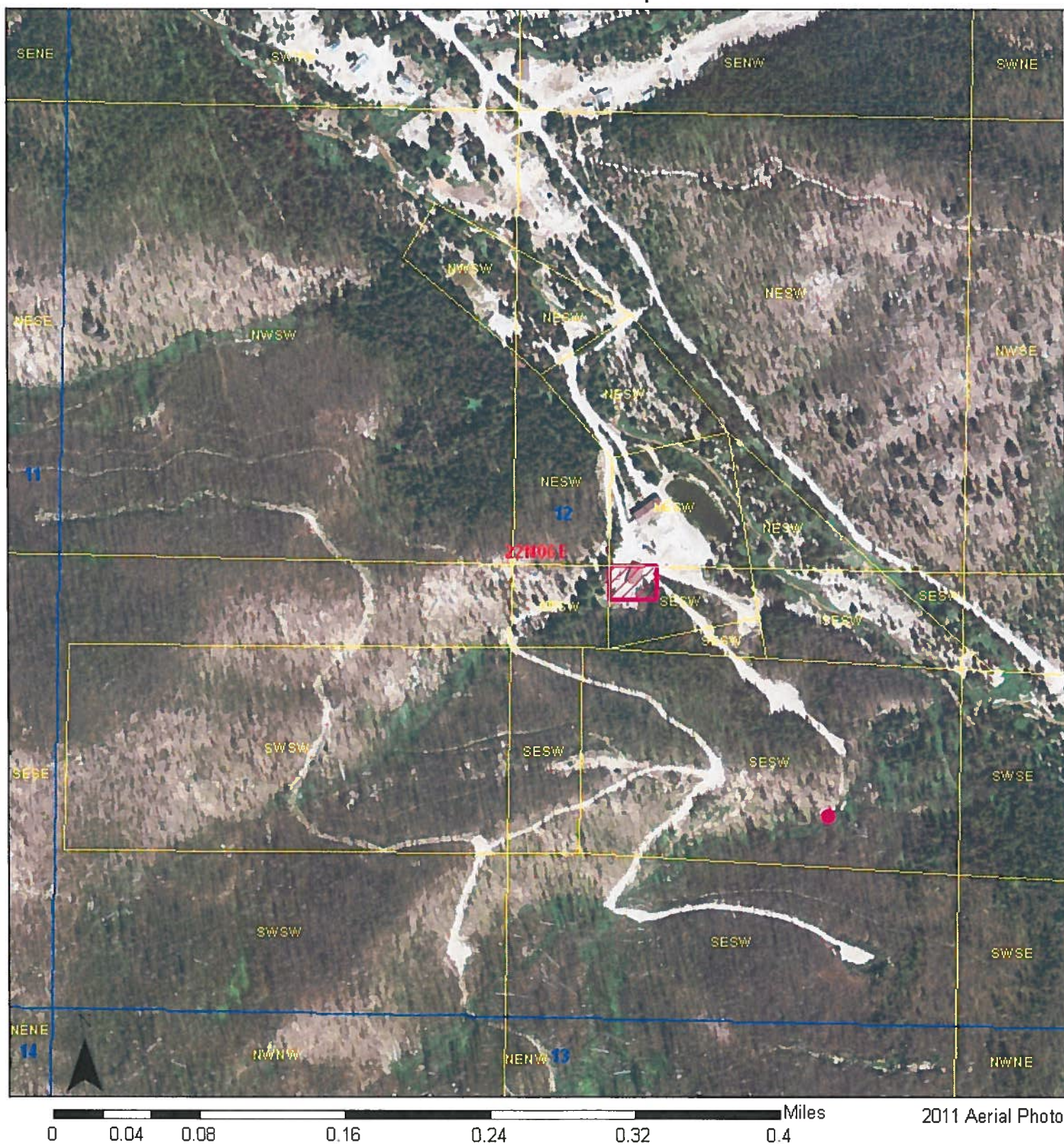
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Angela M. Quinn Date 2/28/2012

Reviewer _____ Date _____

77-7310 Field Report



2011 Aerial Photo

Legend

-  Township/Range  POD
 Sections  POU
 QQ

Angela Grimm IDWR 2/28/2012

77-7310 Field Report
Photos of P/D and P/U



77-7310 Field Exam 9/6/1995 Photo #1: P/D pipe emerging from heavy brush at “Troll Tunnel”.



77-7310 Field Exam 9/6/1995 Photo #2: Mill Site (P/U).

Notes per 9/6/1995 site visit
(from exam docs)

JK
1/13/2012

RATE

could not measure inflow to storage tank
outflow from tank with bigger pipe so not
reflective of div. from source

Allow .01 cfs since is minimum we can have
(~ 4.5 gpm)

VOLUME

4.5 gpm
8 hr/day
120 days/yr

} to calculate Volume required

vs.

Volume diverted

.01 cfs $\times 365 \times 19835$

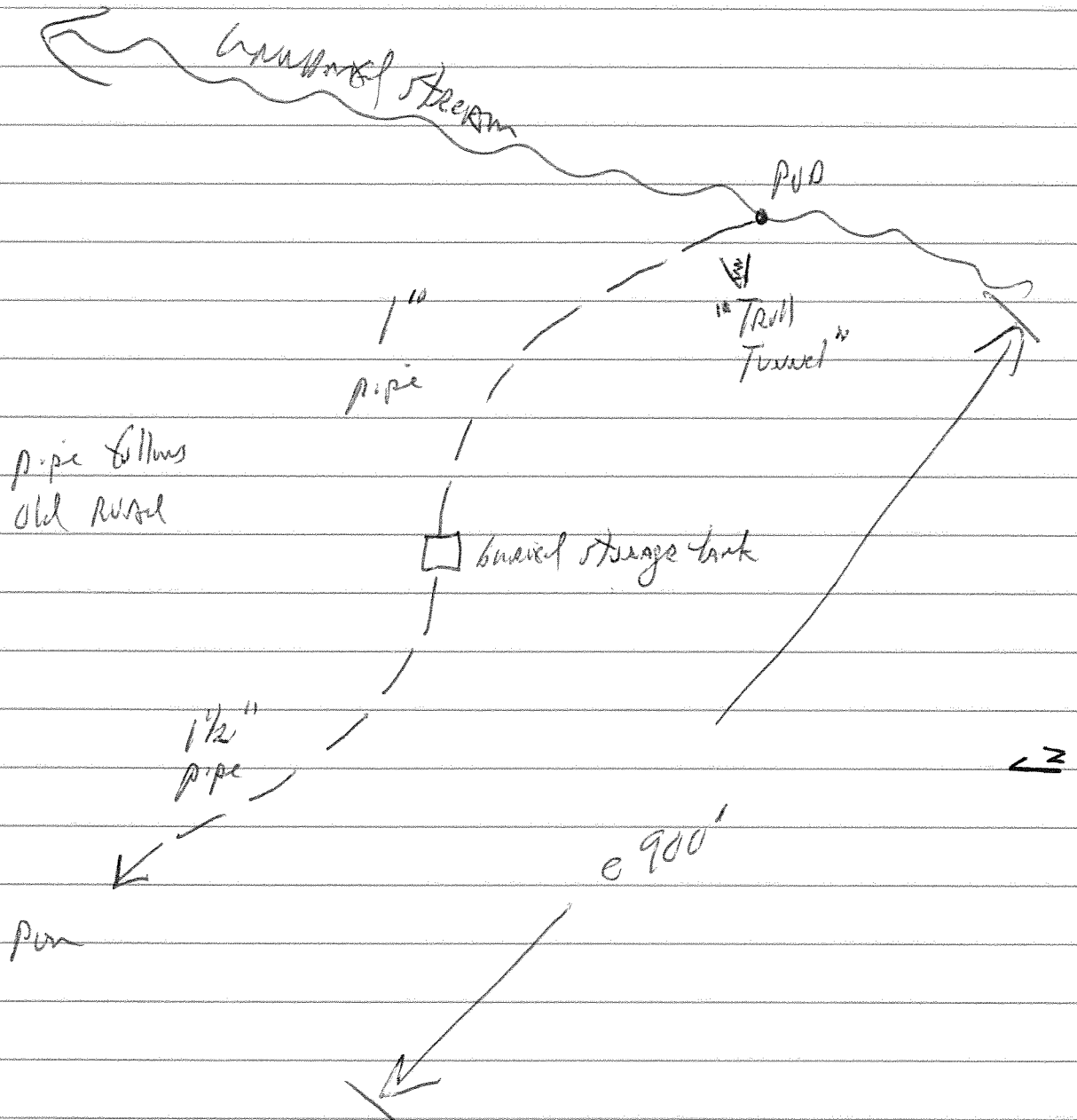
"Troll Tunnel & Troll Gulch"

Permit diverts from stream (Aka Troll gulch)

- 1" black plastic pipe (photo #1)
- gravity flow to tank in old road
- 1 1/2" outflow pipe from tank to Pan (photo #2)

c 900 ft. ASD to Pan

Diagram



[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

Scale: 1" = N/A

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

N/A Aerial Photo Attached
(required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	<u>None - gravity</u>		<u>system</u>		

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
<u>5g. bucket + stopwatch</u>						

2. Measurements:

5g / s.

E. NARRATIVE/REMARKS/COMMENTS

A 1" black plastic pipe directs water from
unw. stream (locally aka Troll Gulch) near old
Troll Tunnel. Pipe runs ~~to~~ to old
storage tank set on old road. Outlet from tank
(c garden hose size) runs down to mine site.

Total distance pld to plu $\approx$ 900 ft.

Used c mine for washing products, panning,
other milling needs (for gold mine). Water is
recycled for add'l use.

Owner estimates water system runs c 8 hrs/day,
c @ 120 days/yr.

Settling ponds (1 primary one & several smaller
secondary ones) found on site.
(not storage, is "work water" that is recycled)

NOTE - Primary water source is mine tunnel ~~above~~
above mill. This water directed via larger pipe(s)
to tank & used, then recycled.

Need to i.d. water right (AJ claim?) for
this 1^o source that is different than one
examined today.

Have conditions of permit approval been met? ☐ yes ☐ no

photos ① pld pipe emerging from heavy brush c
"Troll Tunnel"
② mill site

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

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:

Mining

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Mining</i>	<i>1/1</i>	<i>12/31</i>	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			_____	_____

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

I. AUTHENTICATION

STEVE LESTER

Field Examiner's Name

Steve Lester

Date

9/6/95

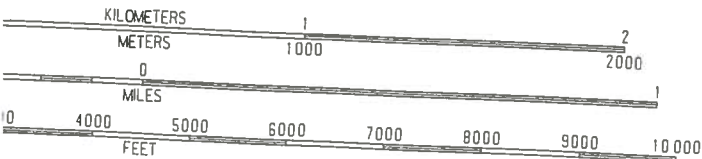
Reviewer

Date

SEAL



SCALE 1:24 000



TOUR INTERVAL 40 FEET
 convert feet to meters multiply by .3048
 convert meters to feet multiply by 3.2808

WITH NATIONAL MAP ACCURACY STANDARDS
 GEOLOGICAL SURVEY, DENVER, COLORADO 80225
 RESTON, VIRGINIA 22092

gov't lots N 1/2 only



QUADRANGLE LOCATION

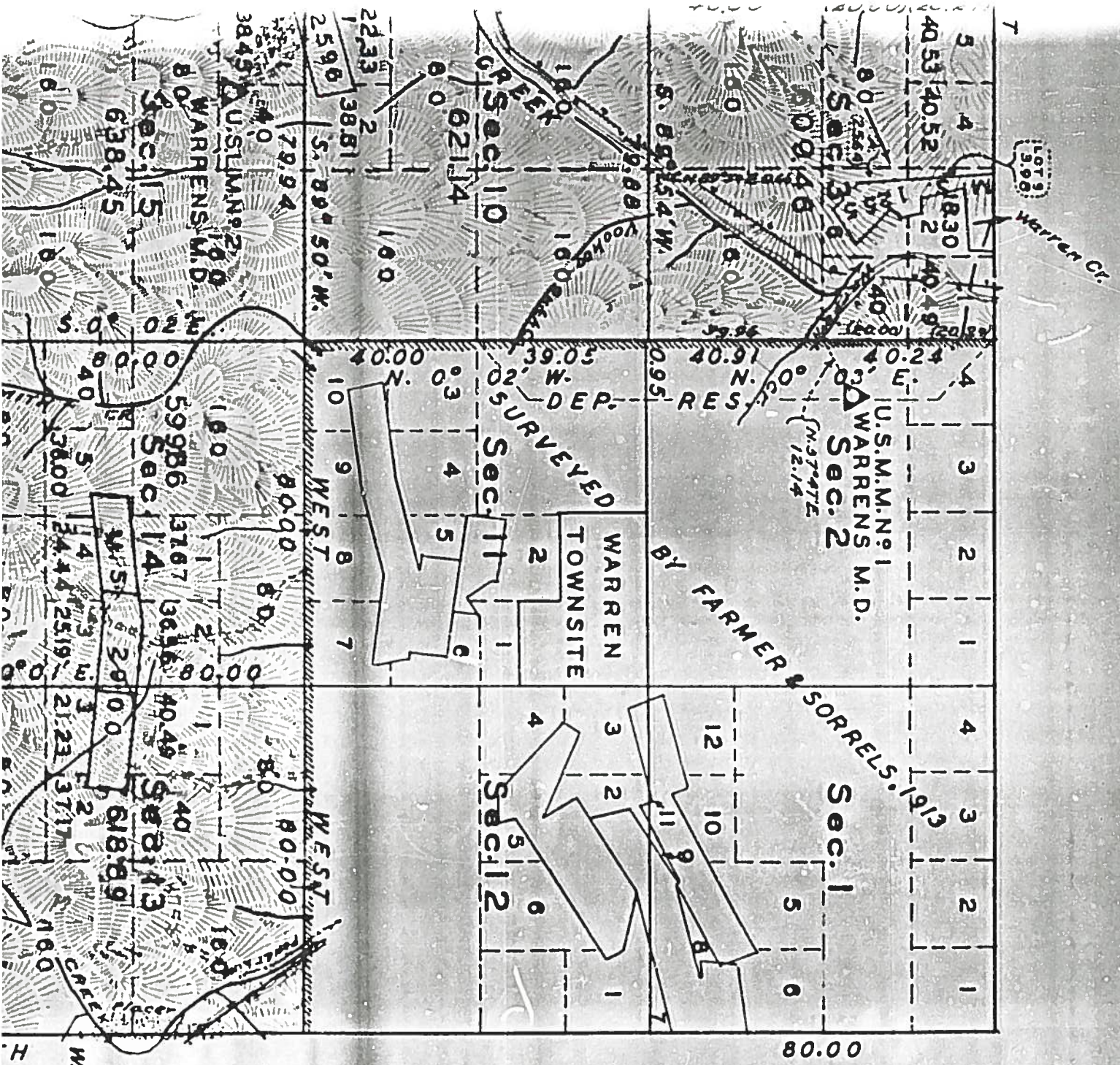
1	2	3	1 Johnson Butte
			2 Cottontail Point
			3 Mackay Bar
4		5	4 War Eagle Mountain
			5 Burgdorf Summit
			6 Loon Lake
			7 Pony Meadows
6	7	8	8 Pilot Peak

77-07310

ROAD LEGEND

Improved Road
 Unimproved Road
 Trail
 Interstate Route U.S. Route

WARREN
 PROVISIONAL



T22N
R6E
S.12
1938 Survey

W.C. 13.17 S.



State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
FAX (208) 334-2348

December 23, 1996

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

ATTN MINERALS PROGRAM MANAGER
PAYETTE NATIONAL FOREST
PO BOX 1026
MCCALL ID 83638

RE: CSC MINING - RESCUE MINE EXPANSION OF A SETTLING POND

Dear Sir or Ms.:

This comment letter is in response to your November 25, 1996 letter regarding expansion of a settling pond at the Rescue Mine located in Section 12, T22N, R6E near Warren, Idaho. The mine is operated under the name of CSC Mining Company.

The mine currently has one water right for mining use, Permit No. 77-07310 for .01 cubic feet per second (cfs) from an unnamed stream tributary to Warren Creek (see enclosed copy). Idaho Department of Water Resources (IDWR) records indicate that this water system was inspected on September 6, 1995 for water right licensing now in progress.

The water right remains a permit until a license can be issued. The field exam indicated that .01 cfs from the unnamed stream, a diversion near the "Troll Tunnel" in "Troll Gulch", is diverted via a 1" pipe located southeast of the mine to a tank, thence to the mine site. Field details indicate that up to 0.8 acre-feet (af), or about 260,000 gallons, from this source can be used annually for mining activities, including a settling pond(s).

Expansion of the pond(s) served by this source would be authorized within the rate and volume limits already described. Any use from this diversion beyond these limits would require additional water right approval from this agency.

However, the field exam information also indicates that most of the water serving the site comes from a larger diversion from a mine tunnel uphill (more south or southwest rather than southeast) from the mine. Diversions from mining tunnels are normally classified as springs rather than streams. This "other water" apparently is diverted from a mine tunnel via a pipe(s) larger than the one used from the unnamed stream covered in right no. 77-07310. *

No water right record of this "other water" can be found in IDWR files. It appears that an additional water right filing is required for the larger system that is not considered part of Permit No. 77-07310.

Based on this summary, IDWR recommends that CSC Mining contact this office to explore the remaining water right questions. It appears that most of the water diverted for the mining use remains unprotected by any recorded water right. IDWR cannot provide a favorable recommendation to the Payette National Forest for the settling pond expansion until the water right issues are resolved. Likewise, Permit No. 77-07310 cannot be licensed until this issue is settled.

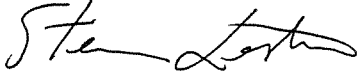
* Actually ground water, not surface water
BRANSON v. MINERALS, 107 Idaho 221, 687 P.2d 1348 (1984) -JL

~ Celebrating Our Centennial Year of Service to Idaho 1895-1995 ~

December 23, 1996
CSC Mining Co.
Page 2 of 2

I will be glad to provide whatever assistance I can to you or to CSC staff.
Please contact me at your convenience if you need additional information.

Sincerely,

A handwritten signature in cursive script, appearing to read "Steve Lester".

Steve Lester
Deputy Regional Manager

Enclosure

c: James Striker, President of CSC Mining Co.



United States
Department of
Agriculture

Forest
Service

Payette
National
Forest

McCall Ranger District
P.O. Box 1026
McCall, ID 83638

Gene
John
Steve
File
SCH
↓
Vicki

RECEIVED

Reply to: 2810

NOV 27 1996

Date: November 25, 1996

WATER RESOURCES
WESTERN REGION

Dear Interested Party:

The Payette National Forest has received a proposal from CSC Mining of Warren, Idaho to amend the approved Plan of Operations for the Rescue Mine and Mill Site. The company currently operates an underground mine on the unpatented Rescue Mining Claim. The Rescue Mine has operated intermittently for nearly a century, with production records dating back to at least 1900. In 1990, the Forest Service approved a Plan of Operations for the mine surface facilities, including a mill site, settling pond, waste dump, and associated roads.

The proposed Operating Plan Amendment includes reconstruction of approximately 100 feet of existing road to access a new portal, and would expand the existing settling pond. The pond expansion would increase the capacity of the current pond by adding an area approximately 60' X 240' to the existing pond. The settling pond expansion is needed to manage excess water from the underground workings and mill. Both of these proposals would take place on lands administered by the Payette National Forest.

The Rescue Mine is located approximately 1/4 mile east of Warren, Idaho and about 40 miles northeast of McCall, Idaho, in Section 12, T22N, R6E, Boise Meridian.

The Forest Service is evaluating this proposal under the National Environmental Policy Act (NEPA) and public comments should be sent to the McCall Ranger District before December 20, 1996. Written responses should be sent to Payette National Forest, PO Box 1026, McCall, ID 83638, Attn: Minerals Program Manager. For additional information please contact Jim Egnew, Minerals Program Manager, Krassel Ranger District, McCall, ID 83638, or phone (208)634-0614.

Sincerely,

Cynthia Grunde

Joe RANDALL G. SWICK
District Ranger

