

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast **Observer(s):** Powell
River System: Sol Duc **Date:** 2/3/98
Site Identifier: S-307L-04 **WRIA:** 20.0309 H (P)
River Mile Location: 2.0 mi (hip chained) **RB/LB:** LB
Local Name: Unnamed **Trib. to:** Shuwah Cr (20.0307)
Legal Description: NW¼ Sec15 T29N R13W **County:** Clallam
Habitat Type: Terrace Tributary
Landowner: Federal State County Other Government Private
- Rayonier Timber Operating Co.
- Washington Dept of Natural Resources

Directions to site:

Starting at Forks (Tillicum Park), drive north on Highway 101 for 5.3 miles (mp 197). Take a right on Maxfield Road and follow 0.65 mi to the logging road gate. A key to the gate can be obtained at the Rayonier Timber Office or DNR. Continue straight (crossing Shuwah Cr) for 0.4 mi. At this point, the road has a right turn. The culvert crossing at this junction is S-307L-04.

Site Overview:

This small, stable channel may offer high water refuge and some limited rearing opportunities. The channel originates in a spruce forested wetland and continue to flow through a conifer dominated forest. Numerous small springs along the left bank feed this channel.

Habitat Information:

Water source: Springs and terrace runoff

Intermittent/year-around:

- Intermittent

Estimated flows (gpm): 80 - 100

Water temperatures: Did not take

Adjacent stream temperature: Did not take (20.0307)

Other water observations:

Site area measurements: Indirect Direct Combination

Widths: Channel- 0.5 m - 3.0 m Ponds- NA Wetlands- NA

Depths: Channel- 2.5 cm - 8 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 215 m

Total existing habitat area (est.): 270 m²

Spawning area: 0

Impounded area: 0

Other rearing area: 270 m²

Spawning Habitat conditions: (X) None () Poor () Fair () Good () Excellent

Describe spawning habitat:

- The substrate is fine sediment with traces of gravel.

Rearing habitat conditions: () None () Poor (X) Fair () Good () Excellent

Describe pond and other rearing habitat:

- This stable, spring system may offer limited high water refuge.

- Depths in this channel are shallow.

- This channel has small woody and brush as cover.

- There is a dense over-story of conifer.

- Springs seep into this channel throughout the length.

Describe unaccessible habitat:

Describe wetland: () Bog () Marsh () Scrub-shrub Wetland (X) Forested Wetland

- This channel flows through a conifer forest with water parsley, skunk cabbage, salal and sedge.

Flooding potential: (X) Low () Medium () High

Fish Information:

Site entry condition to (Shuwah Cr. 20.0307): (X) Poor () Fair () Good

- The channel egresses under a pile of woody debris.

Coho access and use:

Juvenile- (X) Unknown () None () Poor () Fair () Good

Adult- (X) Unknown () None () Poor () Fair () Good

- Juveniles have been observed by others in this channel.

Other species access and use: () Chum () Pink () Sockeye () Chinook (X) Trout

- Resident trout would likely use this channel if low flow is not a problem.

Habitat Improvements:

Enhancement opportunities:

- Clear some of the wood debris at the egress.

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

(X) Aerials

(X) Sketch

(X) Maps

(X) Culvert Report

() Other references

() Spawning surveys

() Juvenile trapping

() Fishway Report

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Sol Duc

Site No.: S-307L-04
Site Name: Unnamed
WRIA: 20.0309 H

DATE: 6-4-98

OBSERVER: Powell

The flow is a minor trickle in the upper reach.

DATE: 8-20-98

OBSERVER: Powell

The flow is a minor trickle in the upper reach.

DATE: 3-2-99

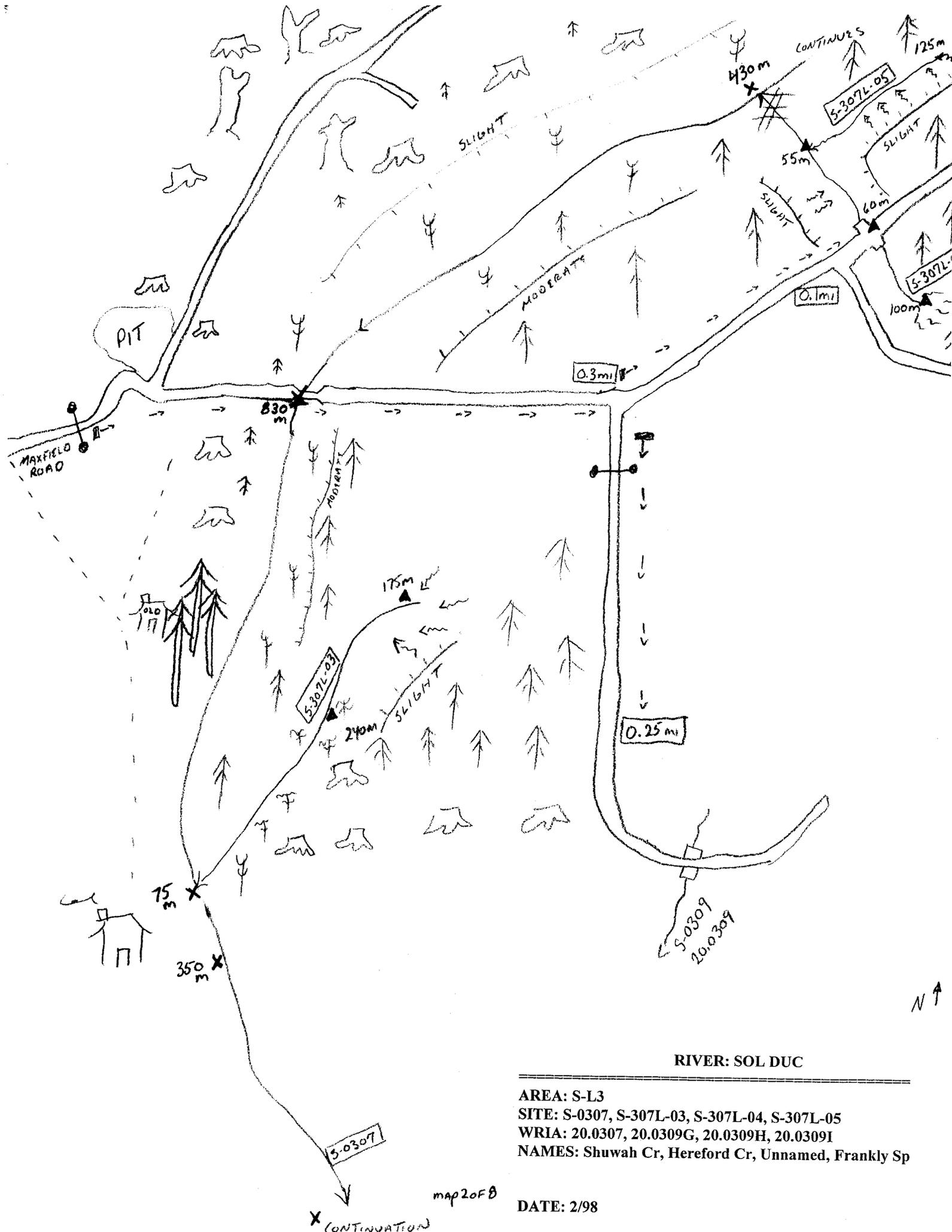
OBSERVER: Darrow

MINNOW TRAPPING REPORT

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	COHO	CATCH			COTTID
						RBT	CUTT	0+	
1	3/1	6.0°C	3/2	6.0°C	0	0	2	0	7
2	3/1	6.0°C	3/2	6.0°C	0	0	3	0	2
3	3/1	6.0°C	3/2	6.0°C	1	0	3	0	1
4	3/1	6.0°C	3/2	6.0°C	2	0	0	0	9
TOTALS:					3	0	8	0	18

COMMENTS:

- Trap 1 was placed ~ 20 m downstream of the culvert.
- Trap 2 was placed ~ 60 m downstream of the culvert.
- Trap 3 was placed ~ 85 m downstream of the culvert.
- Trap 4 was placed near the egress.



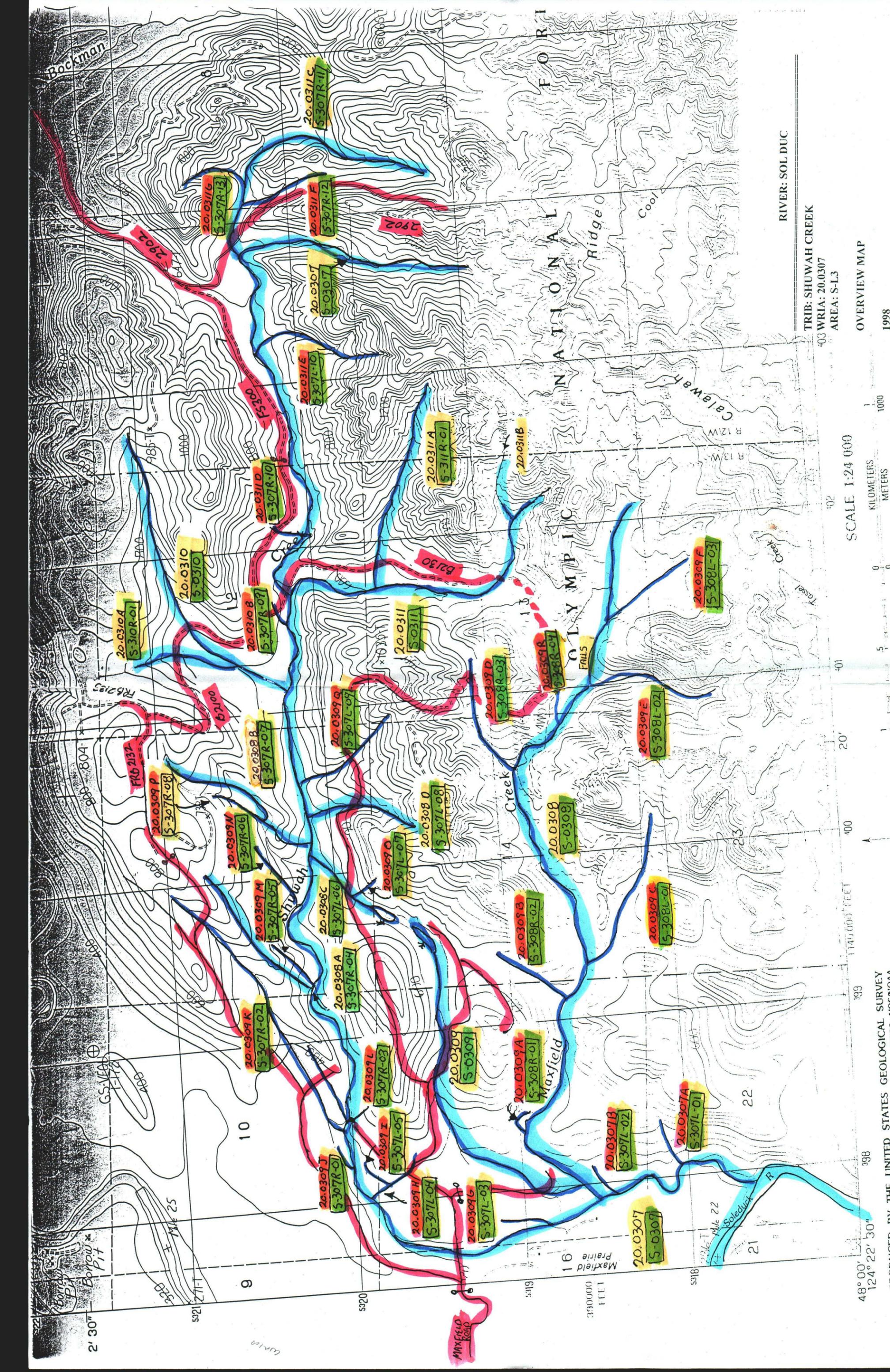
RIVER: SOL DUC

AREA: S-L3
 SITE: S-0307, S-307L-03, S-307L-04, S-307L-05
 WRIA: 20.0307, 20.0309G, 20.0309H, 20.0309I
 NAMES: Shuwah Cr, Hereford Cr, Unnamed, Frankly Sp

DATE: 2/98

map 2 of 8

X CONTINUATION



Bockman

FOR I

NATIONAL

Ridge

Cool

Calaway

RIVER: SOL DUC

TRIB: SHUWAH CREEK

WRIA: 20.0307

AREA: S-L3

OVERVIEW MAP

1998

SCALE 1:24 000

KILOMETERS

METERS

1140 000 FEET

399

UNITED STATES GEOLOGICAL SURVEY

48° 00' 124° 22' 30"

2' 30"

Mile 25

9

10

22

23

20'

400

800

1200

1600

2000

2400

2800

3200

3600

4000

398

399

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401

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RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96

