

**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:**

<b>Region:</b> North Coast	<b>Observer(s):</b> Powell
<b>River System:</b> Sol Duc	<b>Date:</b> 1/27/98
<b>Site Identifier:</b> S-307L-01	<b>WRIA:</b> 20.0307 A (P)
<b>River Mile Location:</b> 0.47 mi (hip chained)	<b>RB/LB:</b> LB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> Shuwah Cr (20.0307)
<b>Legal Description:</b> NW¼ Sec22 T29N R13W	<b>County:</b> Clallam
<b>Habitat Type:</b> Terrace tributary	
<b>Landowner:</b> <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Bloedel Timber	

**Directions to site:**

Access to this channel has not been directly explored. It is a left bank channel that is ~0.5 miles upstream of the Shuwah egress. Starting at Forks (Tillicum Park) drive north on Highway 101 for 1.8 miles to Whitcomb-Diimmel Road. Take a right on this road and follow for ~0.7 miles to a logging road gate on the right (key can be obtain through Bloedel Timber). The following directions (for Bloedel logging roads) are estimated using aerial photos. Go straight (east) through the gate for 0.65 miles. At this point the road goes to the left (north) and there is a culvert crossing (Tassel Creek). Follow this main road (to the north) for ~3.6 miles and there will be an old grade to the left. The grade crosses the lower end of the channel and the main road crosses ~ 150 m upstream. If you travel to an obvious Y in the road (north & east), you have gone ~0.3 miles too far.

**Site Overview:**

This is a small channel with a moderated gradient that flows through an alder/conifer forest. It experiences flushing flows and offers limited rearing opportunities for coho. The substrate is mostly rock with patches of gravel. This stream is more characteristically a cutthroat stream.

**Habitat Information:**

**Water source:** Tributaries and terrace runoff

**Intermittent/year-around:**

- Probably intermittent

**Estimated flows (cfs):** 0.75

**Water temperatures:** Did not take

**Adjacent stream temperature:** 7.0° C (20.0307)

**Other water observations:**

- The whole river system has high flows due to recent rainfall.

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 0.6 m - 1.0 m Ponds- NA Wetlands- NA

Depths: Channel- 5 cm - 10 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 100 +m (limited trout habitat above end point)

**Total existing habitat area (est.):** 80+ m<sup>2</sup>

Spawning area: 0

Impounded area: 0

Other rearing area: 80 m<sup>2</sup>

**Spawning Habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe spawning habitat:**

- Some spawning gravel in patches amongst rubble.
- Spawning habitat is more conducive to cutthroat trout.

**Rearing habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe pond and other rearing habitat:**

- This is a moderate gradient channel that experiences flushing flows.
- The overhead cover is alder, conifer and brush.
- There is instream cover of small woody debris and overhang.
- This channel may be dry during periods of little precipitation.

**Describe unaccessible habitat:**

- There is ~10 foot plunge from an old, rotten culvert on an old road grade. There is possible trout habitat above the culvert.

**Describe wetland:**  Bog  Marsh  Scrub-shrub Wetland  Forested Wetland

**Flooding potential:**  Low  Medium  High

**Fish Information:**

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

- The channel has an open egress into Shuwah Cr.

**Coho access and use:**

Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

**Other species access and use:**  Chum  Pink  Sockeye  Chinook  Trout

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

**Habitat Improvements:**

**Enhancement opportunities:**

- Pull culvert on old road grade.

**Additional Comments:**

**Attachments Available:**

**Contact respective SSHEAR habitat biologist for the following checked items:**

Aerials

Sketch

Maps

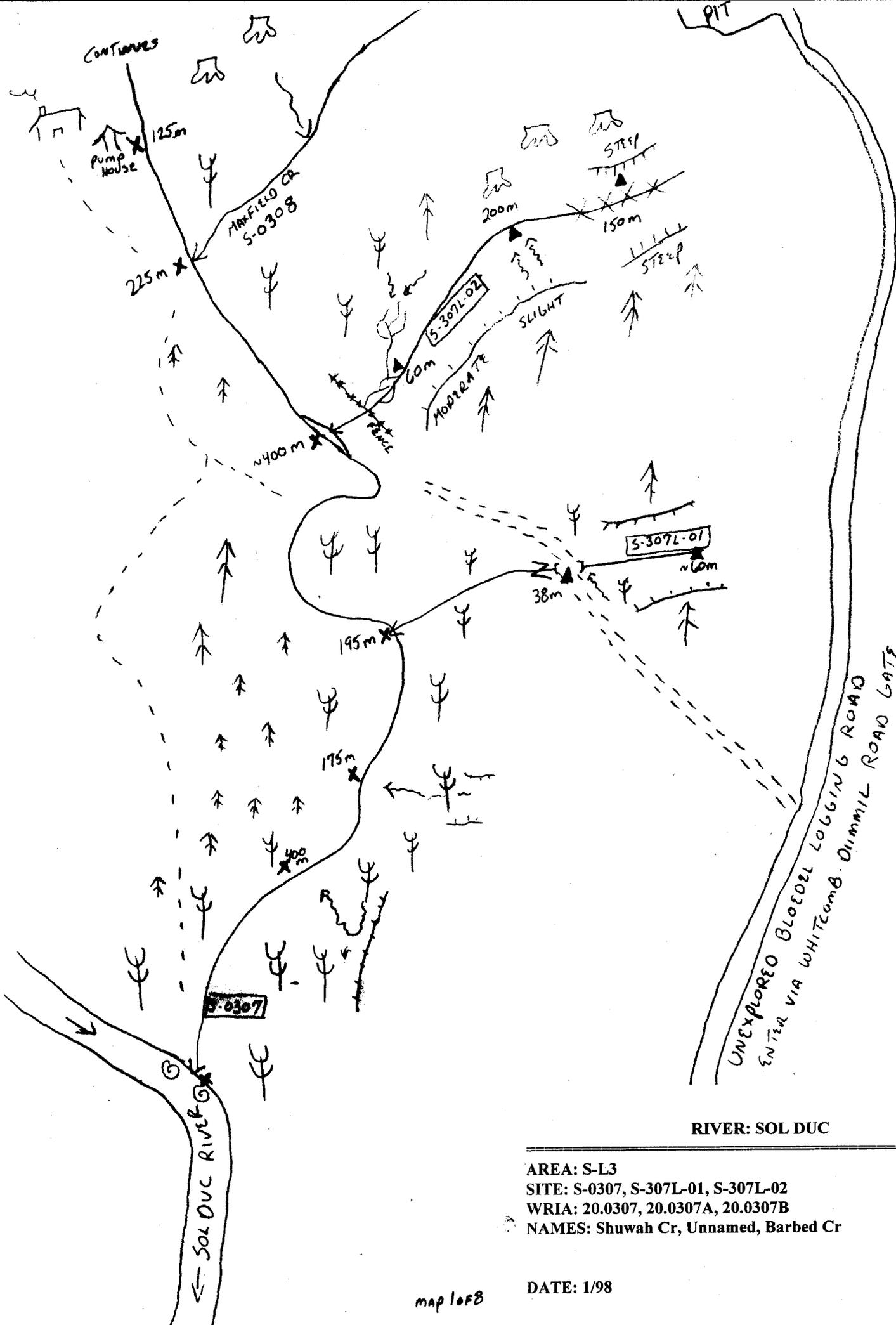
Culvert Report

Other references

Spawning surveys

Juvenile trapping

Fishway Report

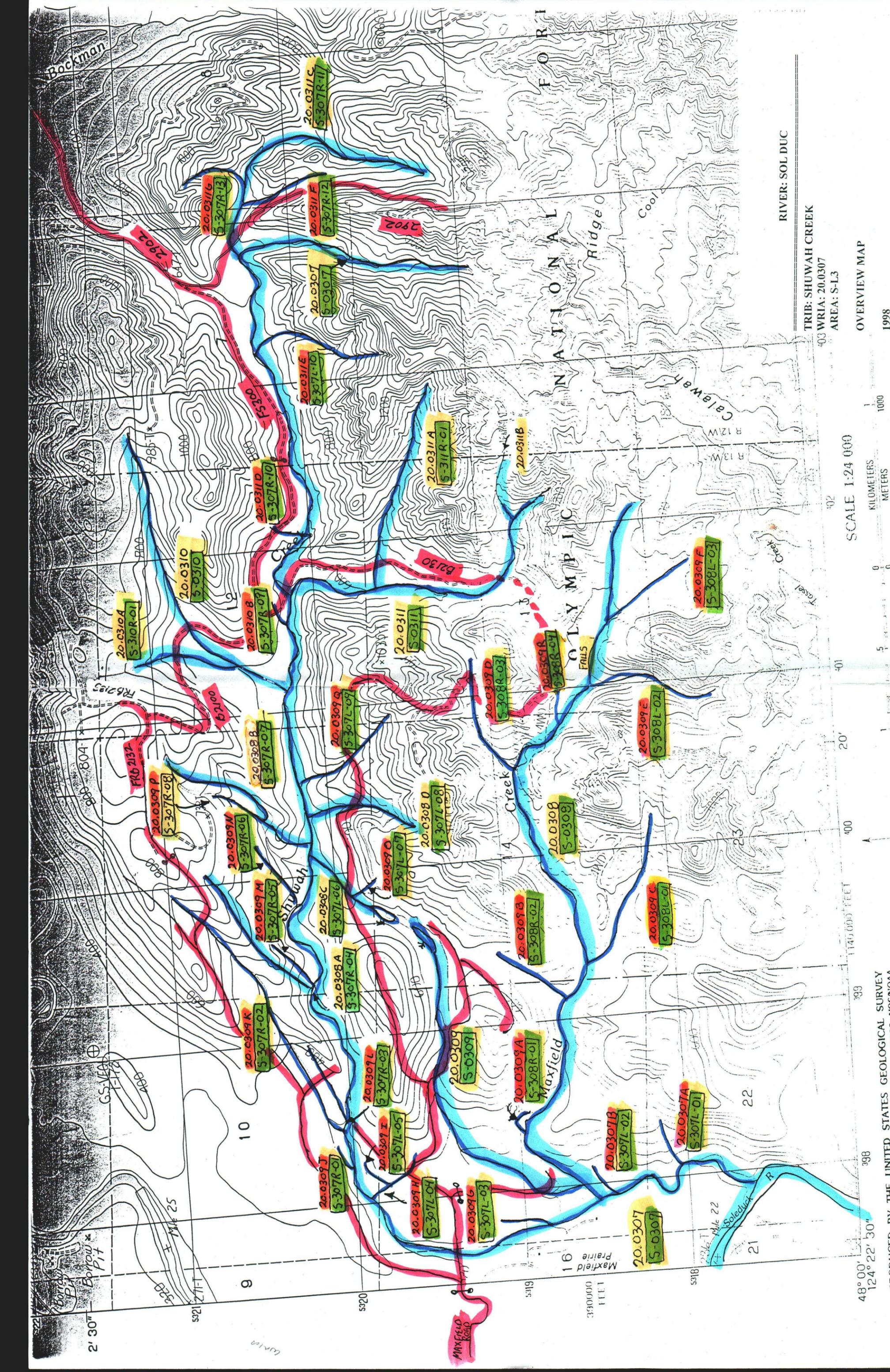


RIVER: SOL DUC

AREA: S-L3  
 SITE: S-0307, S-307L-01, S-307L-02  
 WRIA: 20.0307, 20.0307A, 20.0307B  
 NAMES: Shuwah Cr, Unnamed, Barbed Cr

map 1 of 8

DATE: 1/98



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

UNITED STATES GEOLOGICAL SURVEY

48° 00' 124° 22' 30"

2' 30"

Mile 25

9

10

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23

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Borrow Pit

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# RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96

