

**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:** 5/12/98
Site Identifier: S-322L-01 **WRIA:** 20.0321 C (P)
River Mile Location: 0.23 mi (hip chained) **RB/LB:** LB
Local Name: Unnamed **Trib. to:** Upper Creek (20.0322)
Legal Description: NE¼ Sec17 T29N R12W **County:** Clallam
Habitat Type: Lower valley wall tributary
Landowner: (X) Federal () State () County () Other Government () Private
- National Forest

Directions to site:

Starting at Forks (Tillicum Park), drive north on Highway 101 for 11.4 miles (mp 203) to Mary Clark Road. Take a right on this road and follow for 1 mile and there will be a road to the right. Take a right on this road (FS 2902). Follow this road for 1.2 miles, the road to the left is the FS 2903. Follow FS 2903 for 2.3 miles and there will be a ditched grade to the right (there is an unditched grade 0.1 miles before this grade). There is no direct access to this channel. An aerial photo will help pinpoint its location. Walk this grade (~ 1 mile) - it turns into a trail when the south forest turns into a young plantation (may be difficult to locate but it is in a SW direction). This trail eventually leads to the bedrock fall on S-0322 which is near its egress into Bockman Creek. Follow S-0322 upstream for ~380 m. S-322L-01 is a noticeable channel on the left bank.

Site Overview:

This is a moderate to a high gradient channel that flushing flows and offers limited rearing opportunities. The channel flows through a mature conifer stand. It has a rubble/boulder substrate with patches of gravel. This stream is more characteristically a cutthroat stream.

Habitat Information:

Water source: Terrace runoff
Intermittent/year-around:
-Probably intermittent
Estimated flows (cfs): 0.25
Water temperatures: 8.5° C
Adjacent stream temperature: 8.5° C (20.0322)

Other water observations:

Site area measurements: () Indirect (X) Direct () Combination

Widths: Channel- 1 m - 1.5 m Ponds- NA Wetlands- NA
Depths: Channel- 2.5 cm - 12 cm Ponds- NA Wetlands- NA
Total length (includes ponds and wetlands): 300+ m (trout habitat above end point)

Total existing habitat area (est.): 375+ m²

Spawning area: 75 m²

Impounded area: 0

Other rearing area: 300 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The channel has some gravel patches amongst the rubble and boulders.
- Spawning habitat is more conducive to resident trout.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The channel has a canopy of conifer.
- The banks have brush.
- There is cover of LOD and overhang.
- This channel is more likely to be used by resident trout.

Describe unaccessible habitat:

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

Fish Information:

Site entry condition to (20.0322): Poor Fair Good

- The channel has an open egress.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- There is an anadromous blockage (bedrock fall) at the egress of 20.0322.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Observed trout during the survey

Habitat Improvements:

Enhancement opportunities:

- None

Additional Comments:

- The USFS manipulated the bedrock fall on 20.0322 in prior years but it failed to maintain its ability to provide anadromous access.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

Aerials

Sketch

Maps

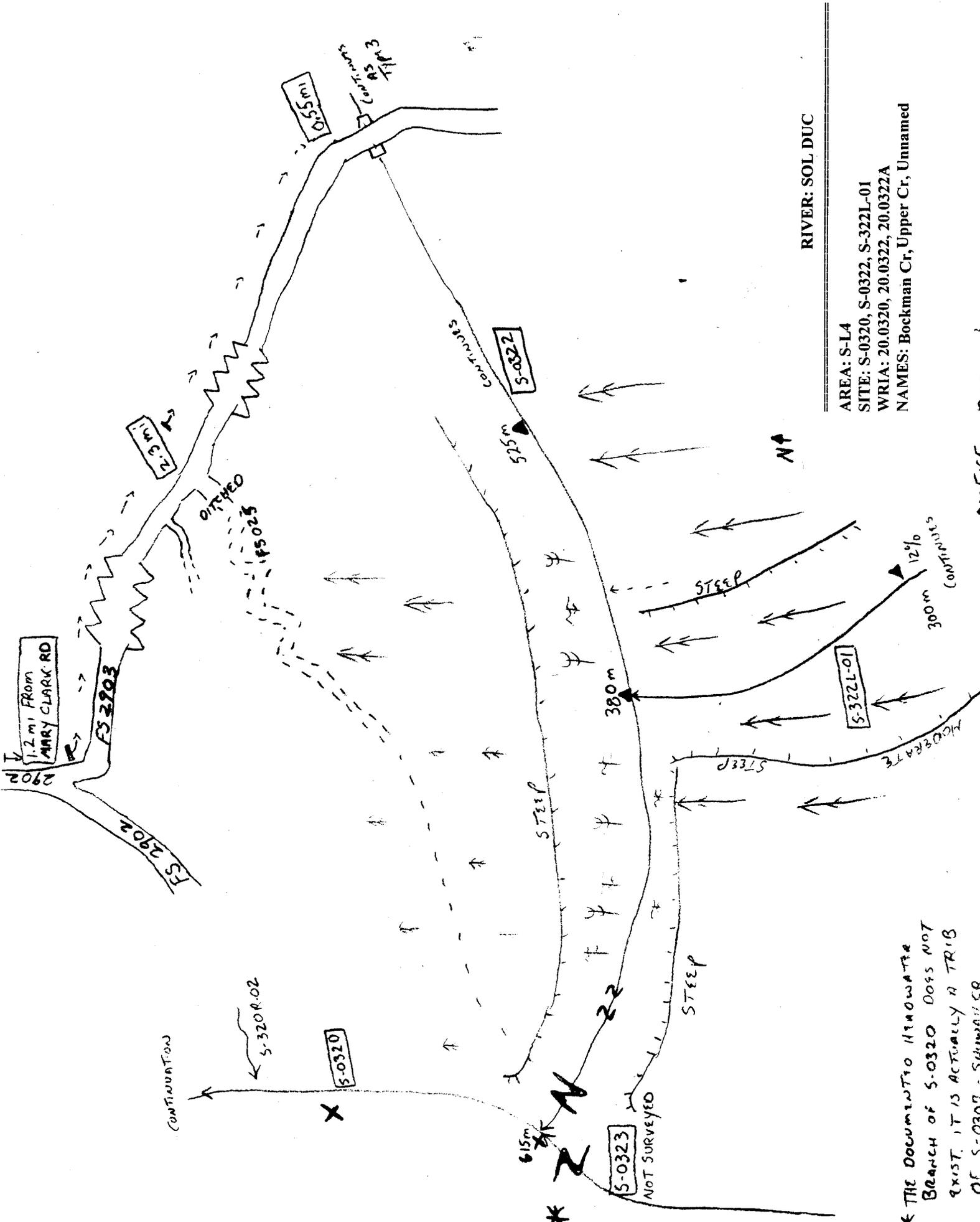
Culvert Report

Other references

Spawning surveys

Juvenile trapping

Fishway Report

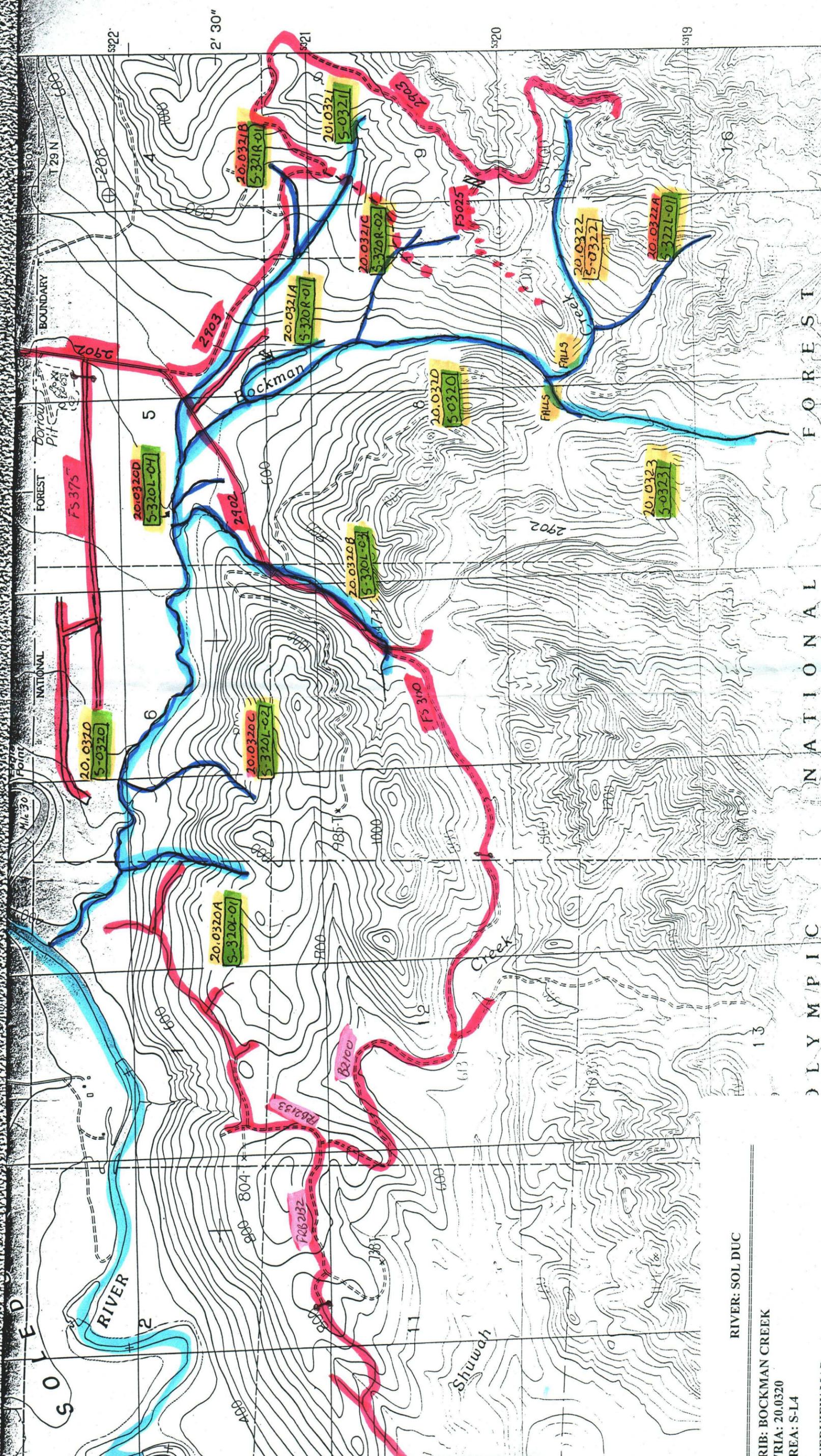


RIVER: SOL DUC

AREA: S-L4
 SITE: S-0320, S-0322, S-322L-01
 WRIA: 20.0320, 20.0322, 20.0322A
 NAMES: Bockman Cr, Upper Cr, Unnamed

DATE: 5/1/98

MAP 50F5



RIVER: SOL DUC

TRIB: BOCKMAN CREEK
 WRJA: 20.0320
 AREA: S-L4

OVERVIEW MAP

OLYMPIC NATIONAL FOREST

RIVER: SOL DUC RIVER

AREA: S-L4

AREA MAP

9/96

