

**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: 4/14/98
Site Identifier: S-320L-02	WRIA: 20.0320 C (P)
River Mile Location: 0.85 mi (hip chained)	RB/LB: LB
Local Name: Unnamed	Trib. to: Bockman Cr (20.0320)
Legal Description: NW¼ Sec06 T29N R12W	County: Clallam

Habitat Type: Lower valley wall tributary

Landowner: (X) Federal () State () County () Other Government () Private
- National Forest

Directions to site:

There is no direct access, an aerial photo will help in locating this channel. 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 mile and there is a road (FS 375) to the right with a Forest Service gate (key can be obtained from the Sol Duc Ranger Station office). Exact miles have not been determined for the following directions. Follow the road for ~ 1 mile and there will be a road to the right (the only road to the right at this time). Follow the road to the T and go to the left. Follow till the end of the road. Walk in a due south direction to Bockman Creek. S-320L-02 is across Bockman Creek ~110 m upstream from a large log jam that has been partially opened.

Site Overview:

This is a moderate to a high gradient channel that experiences flushing flows and offers limited rearing opportunities for coho. The substrate has gravel in the lower reach and then becomes rubble as the gradient climbs. This stream is more characteristically a cutthroat stream.

Habitat Information:

Water source: Terrace runoff and springs

Intermittent/year-around:

- Probably intermittent

Estimated flows (cfs): ~ 0.25

Water temperatures: 7.0° C

Adjacent stream temperature: 7.0° C (20.0320)

Other water observations:

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

Widths: Channel- 0.5 m - 1 m Ponds- NA Wetlands- NA

Depths: Channel- 5 cm - 12 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 210+ m (limited trout habitat above end point)

Total existing habitat area (est.): 157+ m²

Spawning area: 50 m²

Impounded area: 0

Other rearing area: 107 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Some spawning gravel but with a large component fine sediment.
- Spawning habitat is more conducive to cutthroat trout.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This channel experiences flushing flows.
- The overhead cover is alder, conifer and some brush.
- There is instream cover of old LOD.

Describe unaccessible habitat:

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

Fish Information:

Site entry condition to (Bockman Cr. 20.0320): Poor Fair Good

- The channel flows through a pile of old LWD in a gradient drop near the egress.

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

- Observed salmonids (no ID) and salmonid fry in the lower reach - assumed they were trout.

Habitat Improvements:

Enhancement opportunities:

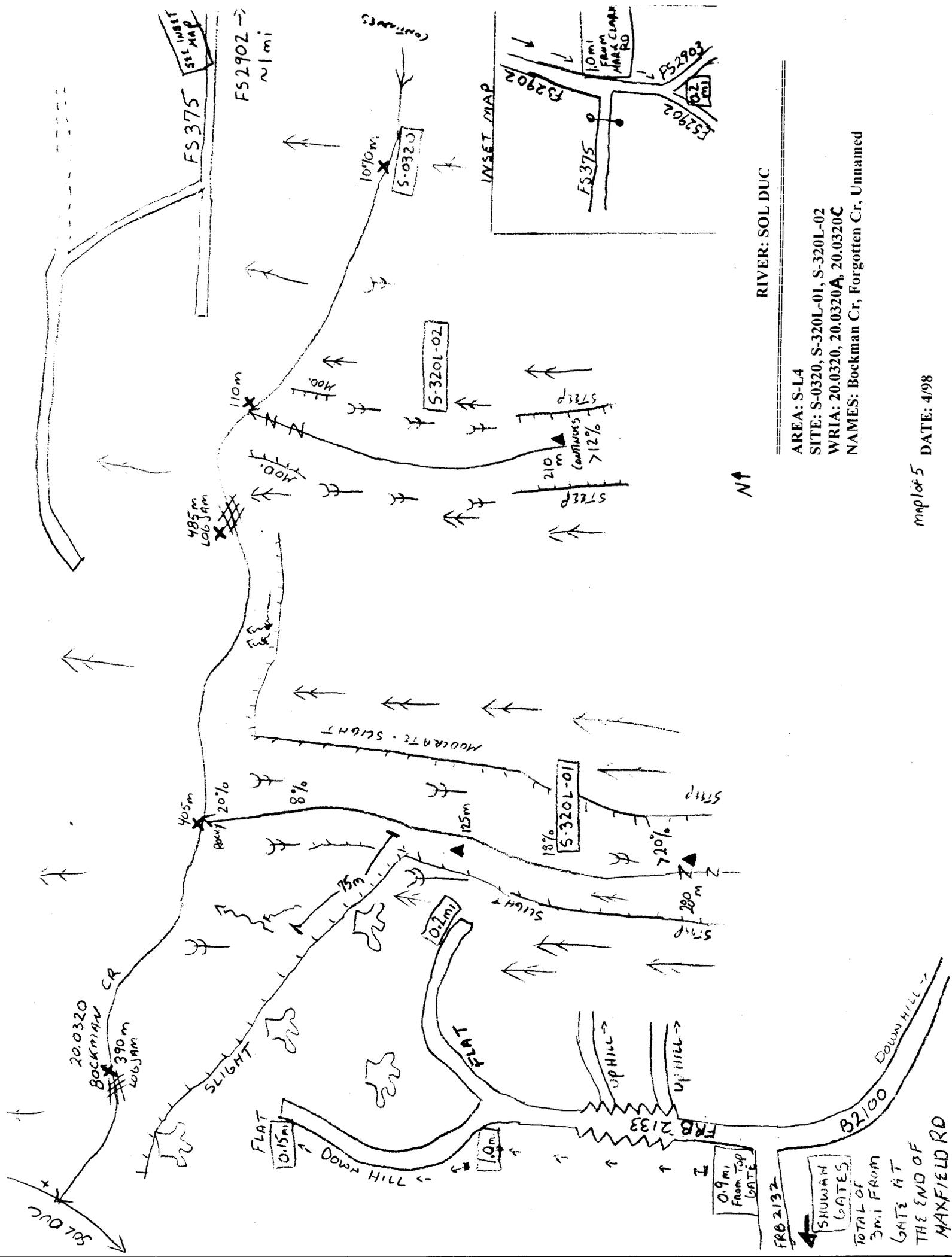
- No recommendations.

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

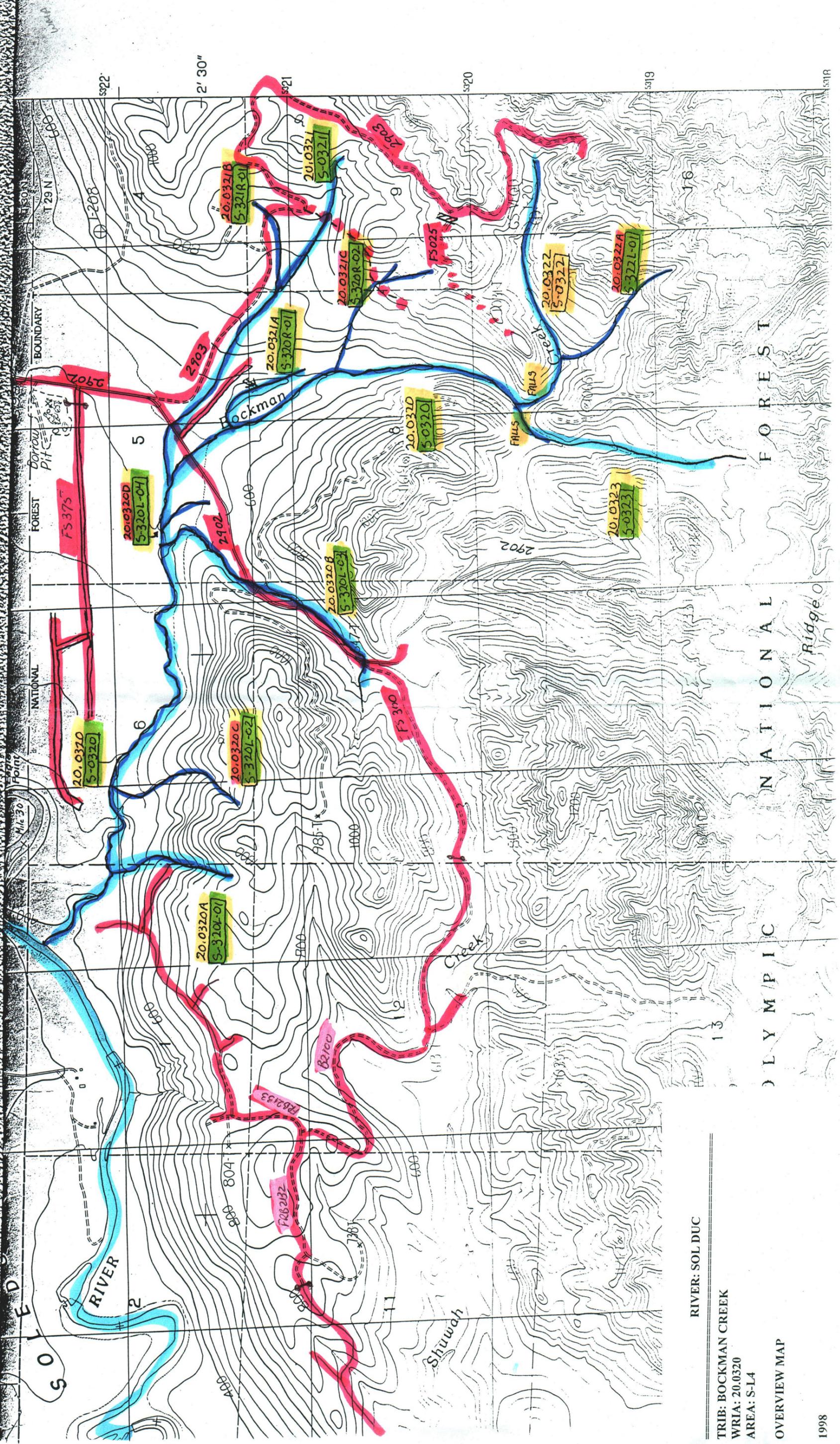
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|---|--|--|---|
| <input checked="" type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |



RIVER: SOL DUC

AREA: S-L4
 SITE: S-0320, S-320L-01, S-320L-02
 WRIA: 20.0320, 20.0320A, 20.0320C
 NAMES: Bockman Cr, Forgotten Cr, Unnamed

map of 5 DATE: 4/98



RIVER: SOL DUC

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

OVERVIEW MAP

OLYMPIC NATIONAL FOREST

Ridge

Creek

Falls

Falls

Falls

SOL DUC RIVER

BOCKMAN CREEK

SHUWAH CREEK

Point

NATIONAL FOREST

Borrow Pit

BOUNDARY

T 29 N

5922

2' 30"

5920

5919

5918

5

6

2

11

12

2402

2402

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2402

2402

2703

2703

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20.0320D
S-320L-04

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S-0320

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S-320L-01

20.0320C
S-320L-02

20.0320B
S-320L-03

20.0321B
S-321R-01

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20.0321A
S-320R-01

20.0321C
S-320R-02

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RIVER: SOL DUC RIVER

AREA: S-L4

AREA MAP

9/96

