

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-01 **WRIA:** 20.0320A
River Mile Location: 0.5 mi (hip chained) **RB/LB:** LB
Local Name: Forgotten Creek **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:

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. Immediately (0.1mi) past the gate, there is a road to the left. Follow the left road for 1.5 miles and there will be a road to the right that goes up a steep hill. Follow this road up hill for 0.6 miles to the gate (same keys as the Maxfield Road gate). From the gate, stay on the most traveled appearing section of road (in the east direction) for 0.9 miles. The road will become a T, go to the left which is the FRB 2133 road. Follow this road for 1.0 miles - at this point, the road goes down the hill in a left direction or stays flat going straight (somewhat to the right). Stay on the flat stretch and follow to the end (0.2 mi). S-320L-01 is a short distance, directly east of the road end.

Site Overview:

This stable flowing channel is located in an alder/conifer forest. This channel has adequate LWD, and a fine sediment substrate. It appears to offer some rearing opportunities but the egress has a 20% gradient drop into Bockman Creek. There is a spring network on the left bank wall near the lower reach. It may be possible to improve access and enlarge rearing area by tying this channel into the spring area and making a new egress.

Habitat Information:

Water source: Terrace runoff and springs

Intermittent/year-around:
- 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): 405 m

Total existing habitat area (est.): 300 m²

Spawning area: 100 m²

Impounded area: 0

Other rearing area: ~~425~~ m² *200 m²*

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

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

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This channel has stable flows.
- The overhead cover is alder, conifer and 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 from a rocky, ~20% gradient drop into Bockman Creek.

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 to 18% gradient - assumed they were trout.

Habitat Improvements:

Enhancement opportunities:

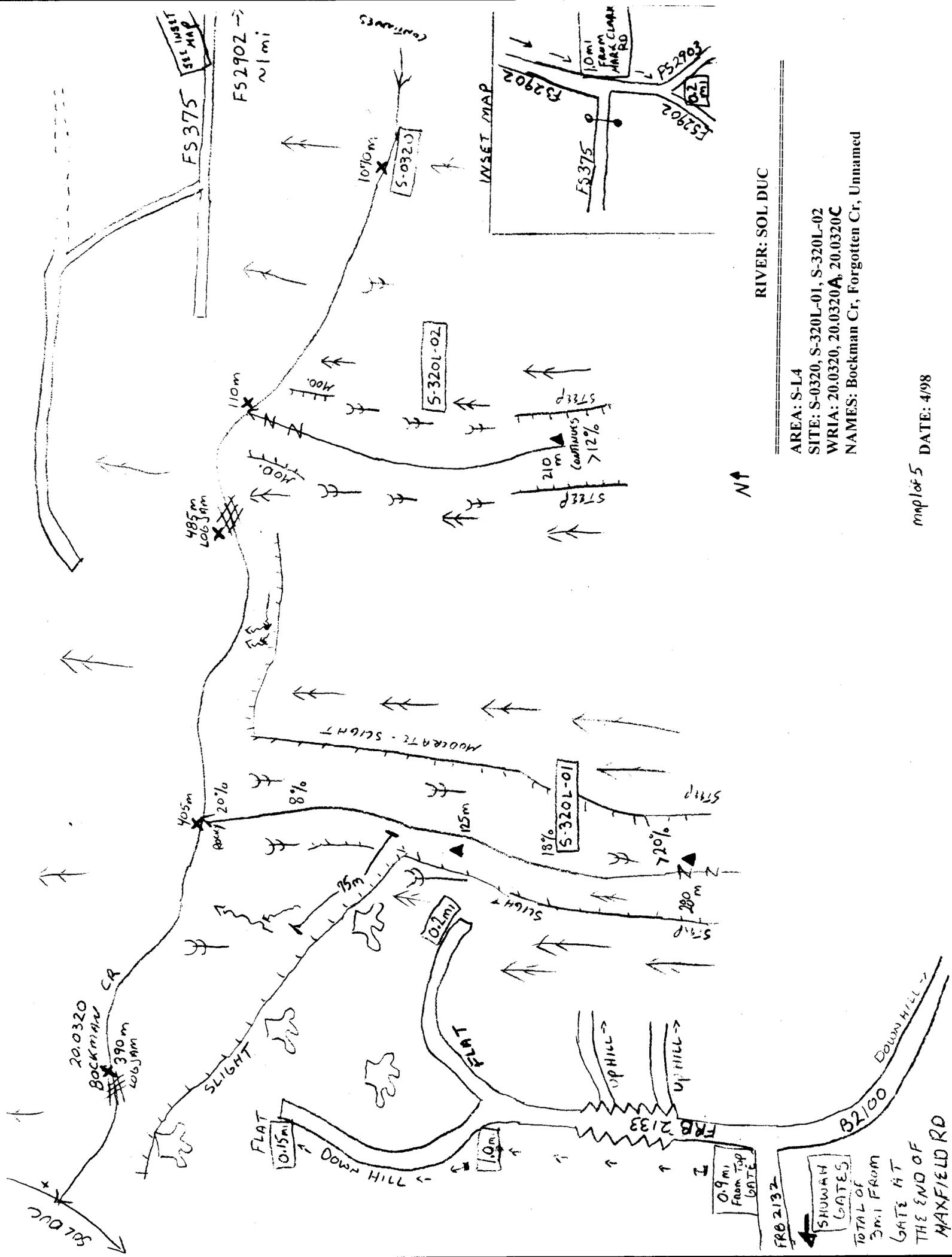
- Direct the egress to the left bank wall. On the left bank, (75 m from the channel) there are springs which feed into Bockman Creek. It would improve the entrance condition and possibly add better rearing habitat. There may be possible machine access from the clear-cut above the right bank wall.

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- | | | | |
|---|--|--|---|
| <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 |

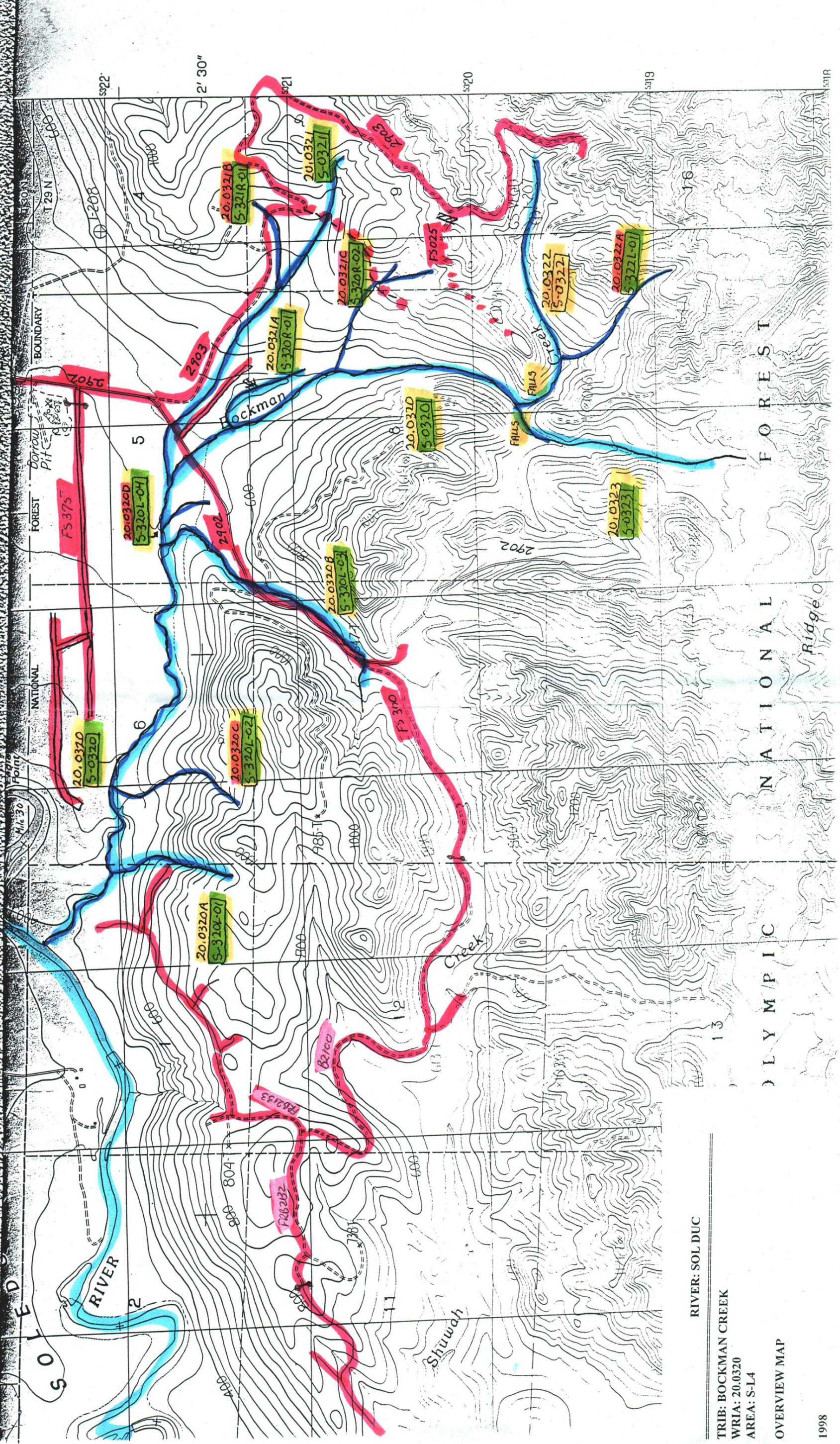


RIVER: SOL DUC

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 lot 5 DATE: 4/98

SHOWAW GATES
 TOTAL OF 3mi FROM GATE #1 AT THE END OF MAXFIELD RD



RIVER: SOL DUC

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

OVERVIEW MAP

OLYMPIC NATIONAL FOREST

Ridge

