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: 2/27/97

Site Identifier: S-L8-03

WRIA: 20.0344 C (P)

River Mile Location: 52.0

RB/LB: LB

Local Name: Unnamed

Trib. to: Sol Duc (20.0096)

Legal Description: NE¼ Sec 33 T30N R10W

County: Clallam

Habitat Type: Wall base channel

Landowner: () Federal () State () County () Other Government (X) Private
- Possibly Merrill and Ring Timber Co.

Directions to site:
Starting at Forks (Tillicum Park) drive north on Highway 101 for 24.4 miles to F.S. 2918 and take a right on this road. Follow this road for 2 mi where S-0345 crosses the road. Follow this channel downstream to the river. S-L8-03 is across the river and downstream of S-0345 egress.

Site Overview:
This small channel with two egresses is feed by springs and runoff from an upper terrace. It appears to offer limited but good high water refuge and rearing opportunities.

Habitat Information:

Water source: Springs and terrace runoff.

Intermittent/year-around:
- Possibly year-around

Estimated flows (cfs): 1.25 - 1.5

Water temperatures: 5.0° C

Adjacent stream temperature: 4.5° C (20.0096)

Other water observations: Water is clear

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

Widths:	Channel- 0.5 - 1.5 m	Ponds- NA	Wetlands- 1.5 - 5.0 m
Depths:	Channel- 10 - 15 cm	Ponds- NA	Wetlands- 30 -45 cm

Total length (includes ponds and wetlands): 190 m

Total existing habitat area (est.): 450 m²

Spawning area: 0
Impounded area: 0
Other rearing area: 450 m²

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

Describe spawning habitat:

- There is traces of gravel in the mud substrate.

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

Describe pond and other rearing habitat:

- This channel parallels the river and flows through heavy brush and small alder in the lower 50 m.
- This lower reach has an abundance of LOD from high river water events.
- This channel has a split egress due to a large log jam but the majority of the outflow is the upstream egress.
- The mid and upper reaches (above 50 m) offer quality rearing in a small sedge wetland.
- This reach has some LOD, and there is a limited canopy from a few mature alders.

Describe unaccessible habitat:

- None

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

- The majority of the channel flows through a small sedge wetland.
- The channel braids throughout this area.

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

- The lower reach receives overbank storage from the river. The evidence is the large debris jam in the first 50 m of the channel.

Fish Information:

Site entry condition to (Sol Duc River 20.0096): () Poor () Fair (X) Good

- There are two egresses to this channel and both empty into a rocky river bend.

Coho access and use:

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

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

- It is unknown but likely that trout utilize this channel.

Habitat Improvements:

Enhancement opportunities:

- No equipment access.
- Maintain integrity of channel.

Attachments Available:

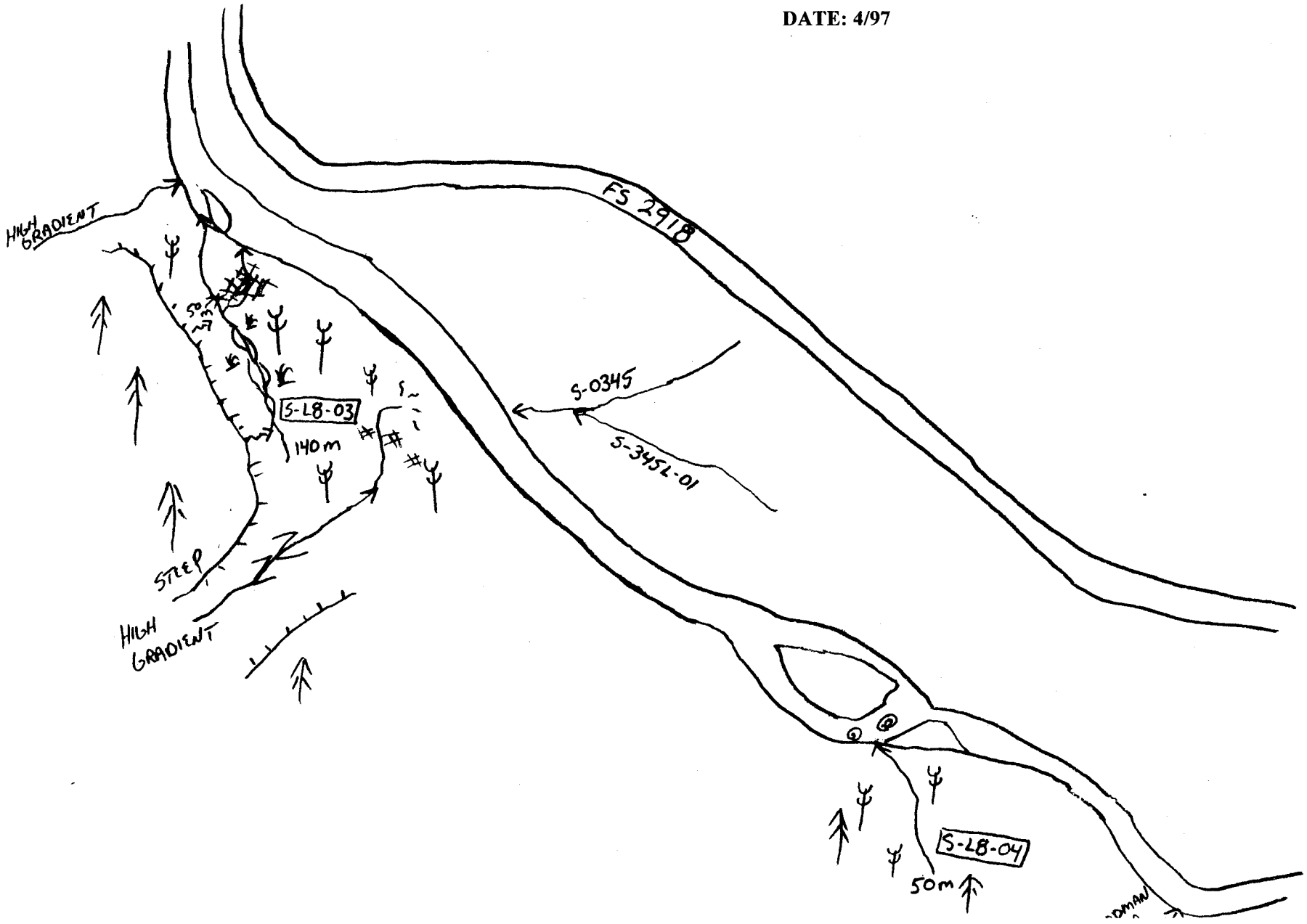
Contact respective SSHEAR habitat biologist for the following checked items:

(X) Aerials	(X) Sketch	(X) Maps	() Culvert Report
() Other references	() Spawning surveys	() Juvenile trapping	() Fishway Report

RIVER: SOL DUC

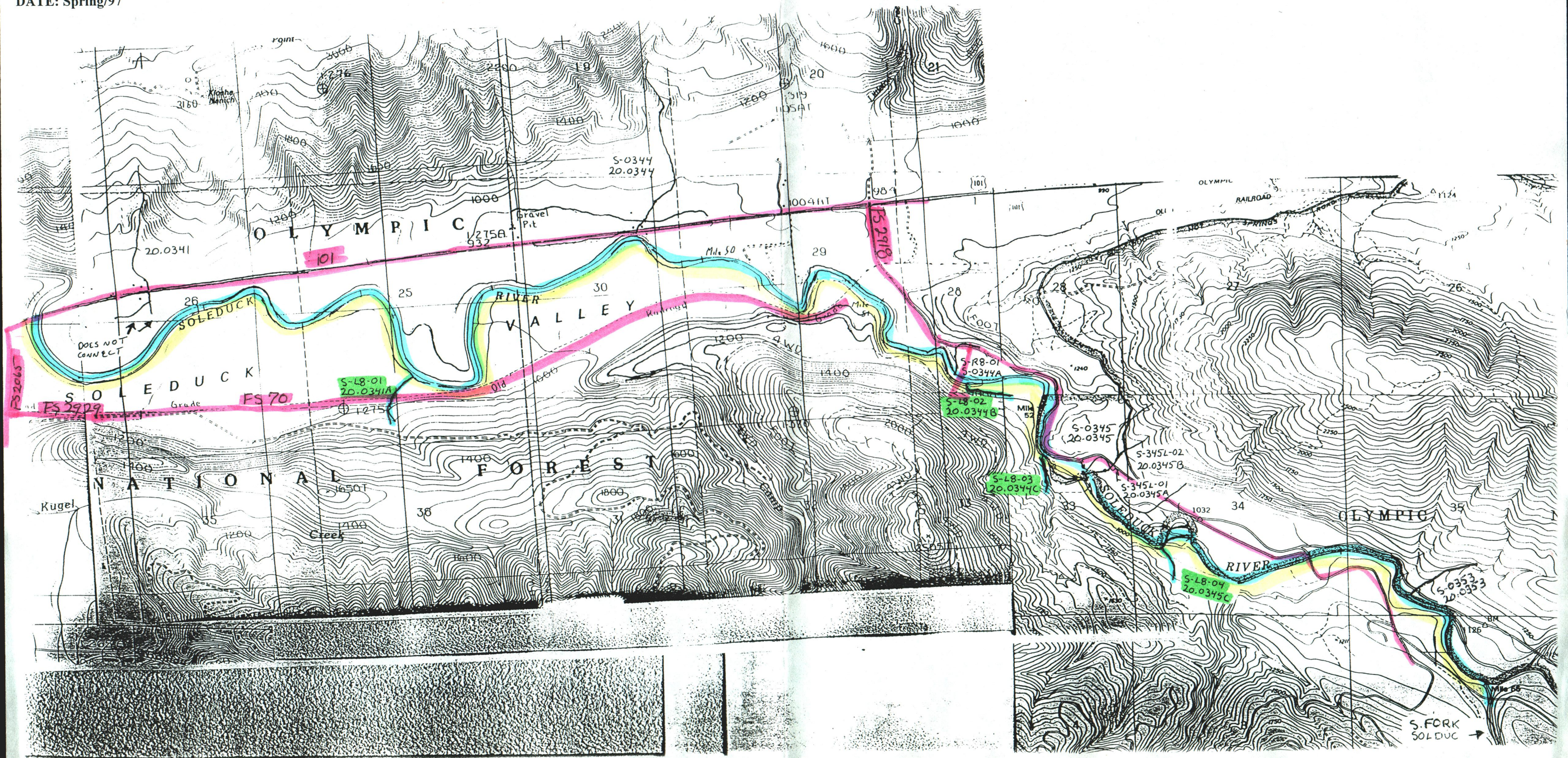
AREA: S-L8
SITES: S-L8-03, S-L8-04
WRIA: 20.0344C, 20.0345C
NAMES: Unnamed, Unnamed

DATE: 4/97



RIVER: SOL DUC

AREA: S-L8

AREA MAP

DATE: Spring/97