

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): Nettnin
River System: Sol Duc	Date: 4/1/98
Site Identifier: S-318L-01	WRIA: 20.0318A (P)
River Mile Location: 0.3 mi.	RB/LB: LB
Local Name: Unnamed	Trib. to: 20.0318
Legal Description: SW¼ Sec 18 T30N R12W	County: Clallam
Habitat Type: Lower Valley Wall Trib	
Landowner: <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Rayonier Timber Operations Company - Possibly Department of Natural Resources	

Directions to site:

North from Forks on highway 101 to MP 200.5. Turn left onto West Lake Pleasant Road, then bear to the right just past the bridge over Lake Creek. Continue for about 2.9 miles (the county road ends at 1.0 mile and the 9000 Line begins) to the 9089, the road to the right at the top of the hill. A key can be obtained at the Rayonier Timber Operations Company Office in Forks. Follow the road to the bottom of the hill. Cross the bridge and bear left, follow the road to the end. Follow a bearing of about S80E across the clearcut to the confluence of lake Creek and 20.0318. Follow 20.0318 upstream for about 540 meters. S-318L-01 is a left bank tributary that enters just downstream of an old grade.

It may be shorter to access this channel from the upper end. North from Forks to Sappho (MP 203.9), turn left onto the Burnt Mountain Road for two miles. Just past the bridge over Beaver Creek, turn left and drive through the rock pit. **WATCH FOR EQUIPMENT CROSSING THE ROAD!!** Continue for about 1.1 mile to a recent clearcut and turn left. Follow the road down to the end. Then follow a bearing of S45W across the clearcut into the timber. There will be an old grade. Follow the grade downhill and it will cross S-318L-01.

Site Overview:

The source of this short, lower valley wall tributary is a small basin on an upper terrace. There is small impoundment at the head waters. From the impoundment, it flows down a 7 - 10% gradient to 20.0318. This channel produces gravel, supports trout spawning, trout and coho rearing, and produces high quality water. The riparian area is mainly 40 - 60 year old conifer.

Habitat Information:

Water source: Springs, surface runoff

Intermittent/year-around: Unknown, probably intermittent

Estimated flows (cfs): Lower end: 0.1 - 0.2 Upper end: 0.05 - 0.1

Water temperatures: Lower end: 6.5°C Upper end: 6.5°C

Adjacent stream temperature (20.0318): 5.5°C

Other water observations: Clearwater

Site area measurements: Indirect Direct Combination

Widths: Channel- 0.7 - 1.0 m Pond- 2 - 3 m Wetlands- NA

Depths: Channel- 5 - 10 cm Pond- 15 - 30 cm Wetlands- NA

Total length estimated (includes ponds and wetlands): 300 m

Total existing habitat area (est.): 405 m²

Spawning area: 5 m²

Impounded area: 200 m²

Other rearing area: 200 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- Small gravel with many embedded fines.
- The gradient and water depth favors trout spawning.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- Most of the channel is moderate gradient.
- Adequate amount of woody debris in the channel.
- Shade is provided by 50 - 60 year-old alder and conifer forest.

Describe unaccessible habitat:

- The old grade controlling the impoundment is a barrier.
- The pond is about 80 m long, 6 - 8 m wide and 15 - 30 cm deep.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- No wetlands associated with this channel, other than the fringes of the impoundment.

Flooding potential: Low Medium High

Fish Information:

Site entry condition to 20.0318: Poor Fair Good

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Two, 1+ coho fry were observed in this channel.

Other species access and use: Chum Pink Sockeye Chinook Trout

- It is assumed that the small fry observed were trout.
- The channel is open and available to all species.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- Remove the barrier or leave it as a head waters catch basin?
- Maintain the integrity of the stream.

Equipment access: No access

Additional Comments:

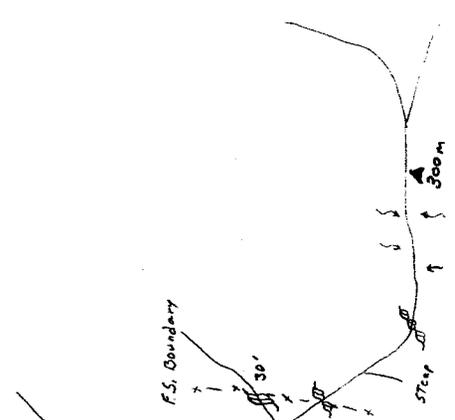
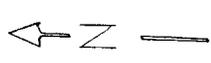
Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- | | | | |
|---|--|--|---|
| <input 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 |

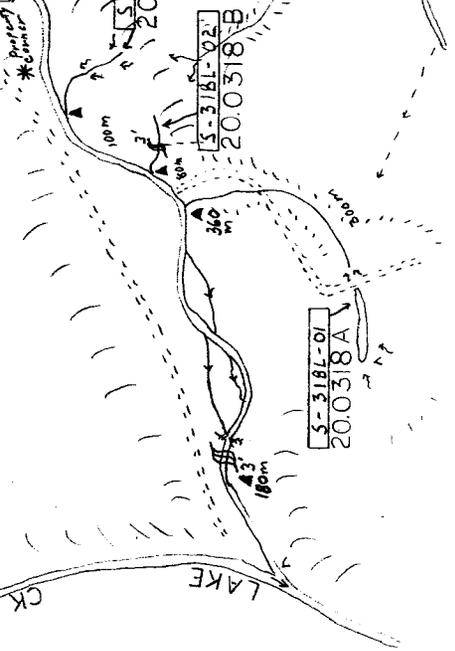
1800' RIDGE

1200' HILL



DNR MAP 3026

LAKE CK 20.0313



BURNT MT RD

River: Sol Duc
 TRIB: Lake Creek
 WRIA: 20.0313
 Area: S-313L
 Site: 20.0318(S-0318)
 Name: Unnamed trib to Lake Creek

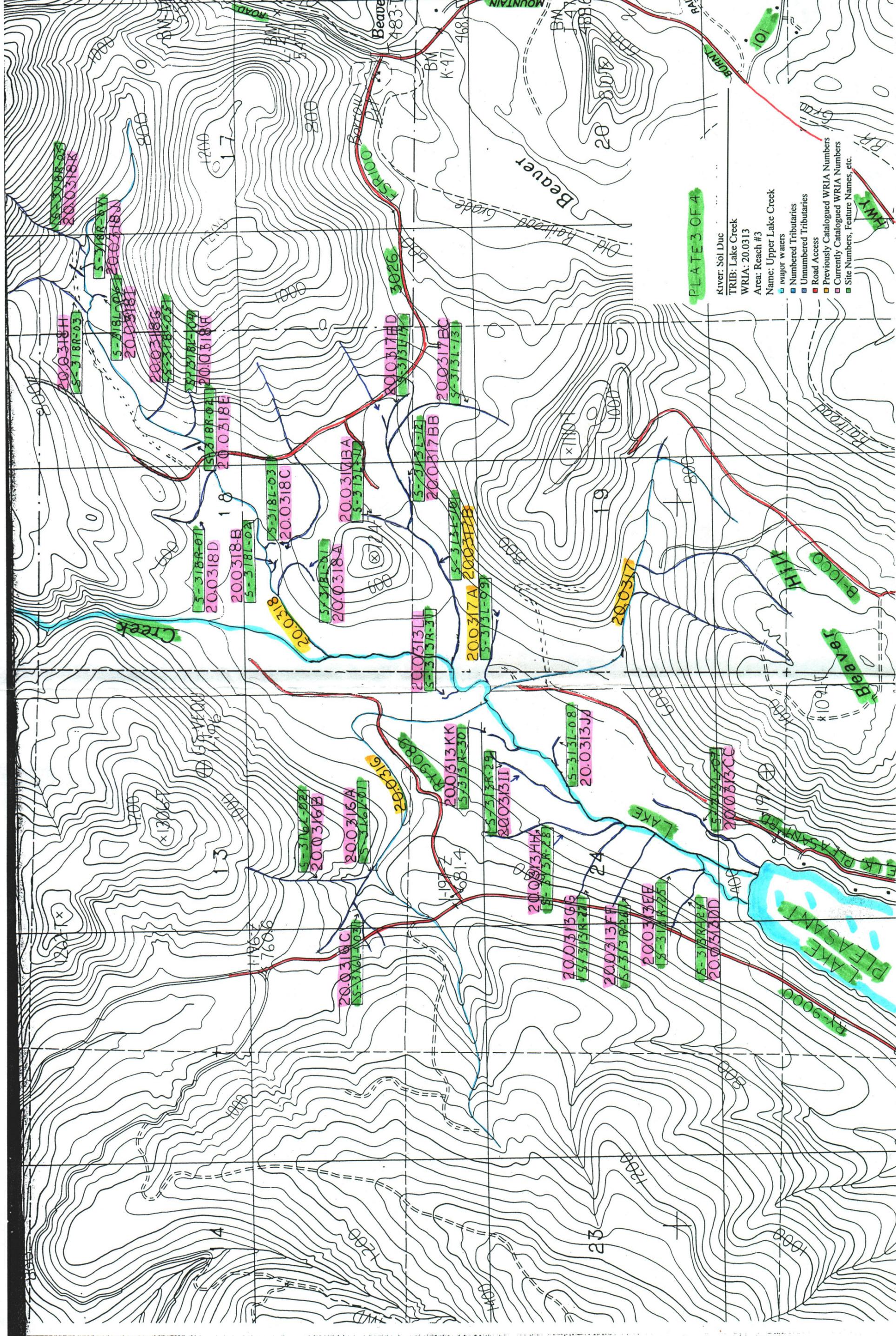


PLATE 3 OF 4

- River: Sol Duc
- TRIB: Lake Creek
- WRIA: 20.0313
- Area: Reach #3
- Name: Upper Lake Creek
- Major waters
- Numbered Tributaries
- Unnumbered Tributaries
- Road Access
- Previously Catalogued WRIA Numbers
- Currently Catalogued WRIA Numbers
- Site Numbers, Feature Names, etc.

20.0318H
5-318R-03

20.0318K
5-318R-04

20.0318L
5-318R-05

20.0318M
5-318R-06

20.0318N
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