

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): Nettrin
River System: Sol Duc	Date: 3/12/97
Site Identifier: S-312R-08	WRIA: 20.0312 H (P)
River Mile Location: 0.7	RB/LB: LB
Local Name: Unnamed	Trib. to: Loushin Cr. (20.0312-B)
Legal Description: SE¼ Sec 08 T29N R13W	County: Clallam

Habitat Type: Lower valley wall tributary

Landowner: Federal State County Other Government Private
- Rayonier Timber Operations Company
- Department of Natural Resources

Directions to site:

Starting at Forks, drive north on highway 101 to MP 198.1. Turn left onto T-line, then immediately left again onto the T-1010. There will be a gate 0.3 mi. up the road; a key can be obtained at the DNR office or the RTOC office in Forks. Proceed about 0.4 mi to a stream crossing. This is the upper reach of Loushin Cr. Walk up the LB of the open pond through the marsh. Then walk in behind the island of conifer, bearing to the LB edge of the wetland; one should intercept S-312R-08.

Site Overview:

This second order stream sources on the flank of Tye Ridge. It has a moderate/steep gradient and drains 20 - 40 acres of timberland before it enters a wetland. Part of the water shed is being logged at the present time.

Habitat Information:

Water source: Springs, and surface runoff

Intermittent/year-around: Unknown, probably intermittent

Estimated flows (cfs): Lower end: 0.5 - 0.7 Upper end: 0.2 - 0.5

Water temperatures: Lower end: 5.5° C Upper end: 3.5° C

Adjacent stream temperature Loushin Creek (20.0312 B): 3.5° C

Other water observations:

- Water is clear

Site area measurements: Indirect Direct Combination

Widths: Channel- 0.5 - 1.0 m	Pond- NA	Wetland- NA
Depths: Channel- 5 - 15 cm	Pond- NA	Wetland- NA
Total length surveyed : 80 m		

Total existing habitat area (est.): 50 m²

Spawning area: 10 m²

Impounded area: None

Other rearing area: 40 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The gravel is small, but there are clean pockets that provide spawning opportunities.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The gradient is moderate and lacks pools.
- Cover is lacking.
- Good shading provided by 30 - 40 year old conifer and brushy understory.

Describe unaccessible habitat:

- At the present time this channel appears unaccessible due to severe braiding, and concentrations of reed canary grass and other vegetation as it enters the wetland.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- NA

Flooding potential: Low Medium High

Fish Information:

Site entry condition to Loushin Creek (20.0312 B): Poor Fair Good

Coho access and use: Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Lack of access is due to severe braiding, and concentrations of reed canary grass and other vegetation as it enters the wetland.

Other species access and use: Chum Pink Sockeye Chinook Trout

- It is unknown if other species use this stream.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- maintain integrity of the channel
- No equipment access

Additional Comments:

A compromise was asked for by the land owner (RTOC - spring 1997), to log the upper part of the RMZ in exchange for leaving timber on their ownership portion of the island, for perpetuity. I don't know what the final decision was.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

Aerials

Sketch

Maps

Culvert Report

Other references

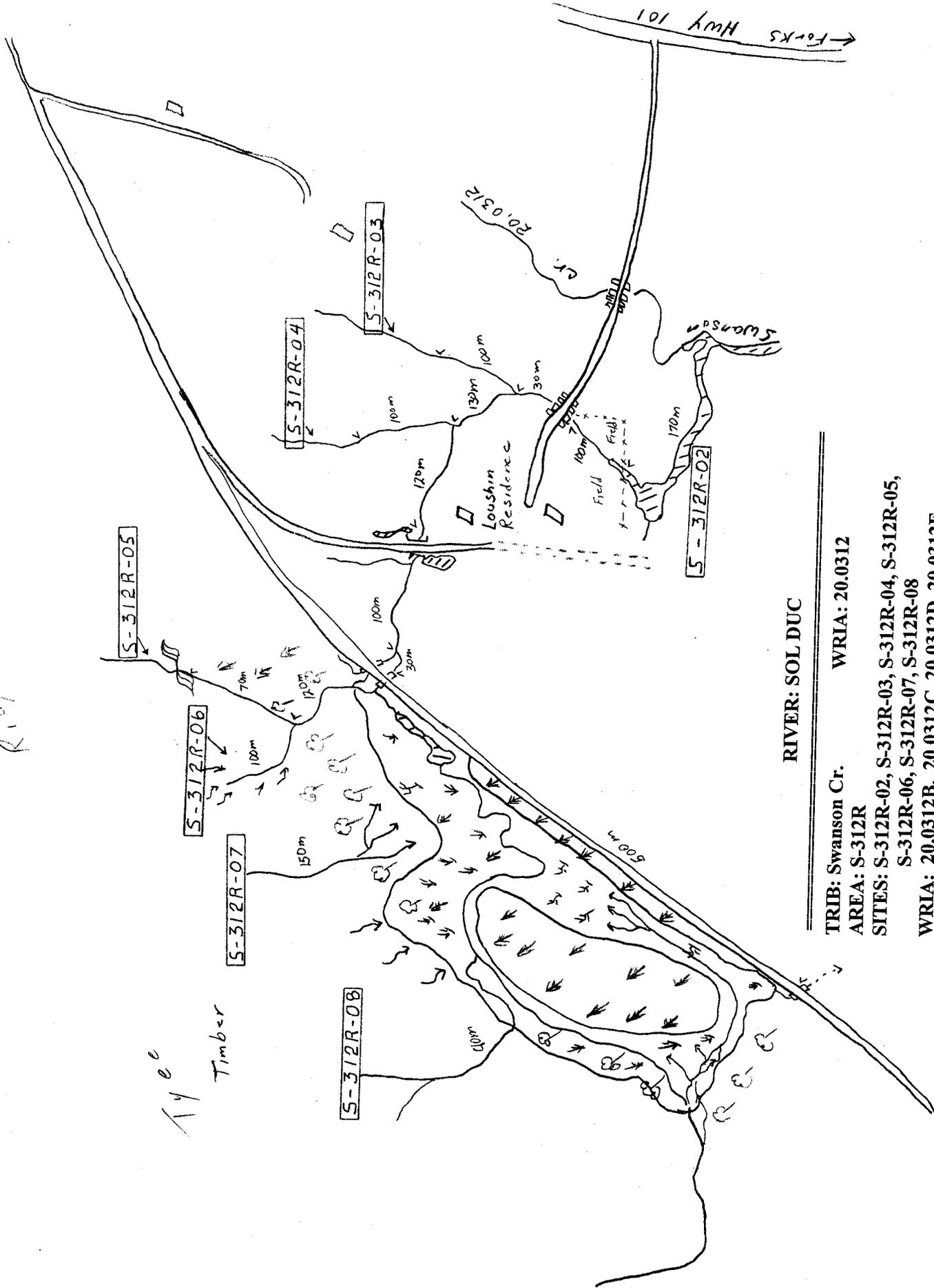
Spawning surveys

Juvenile trapping

Fishway Report

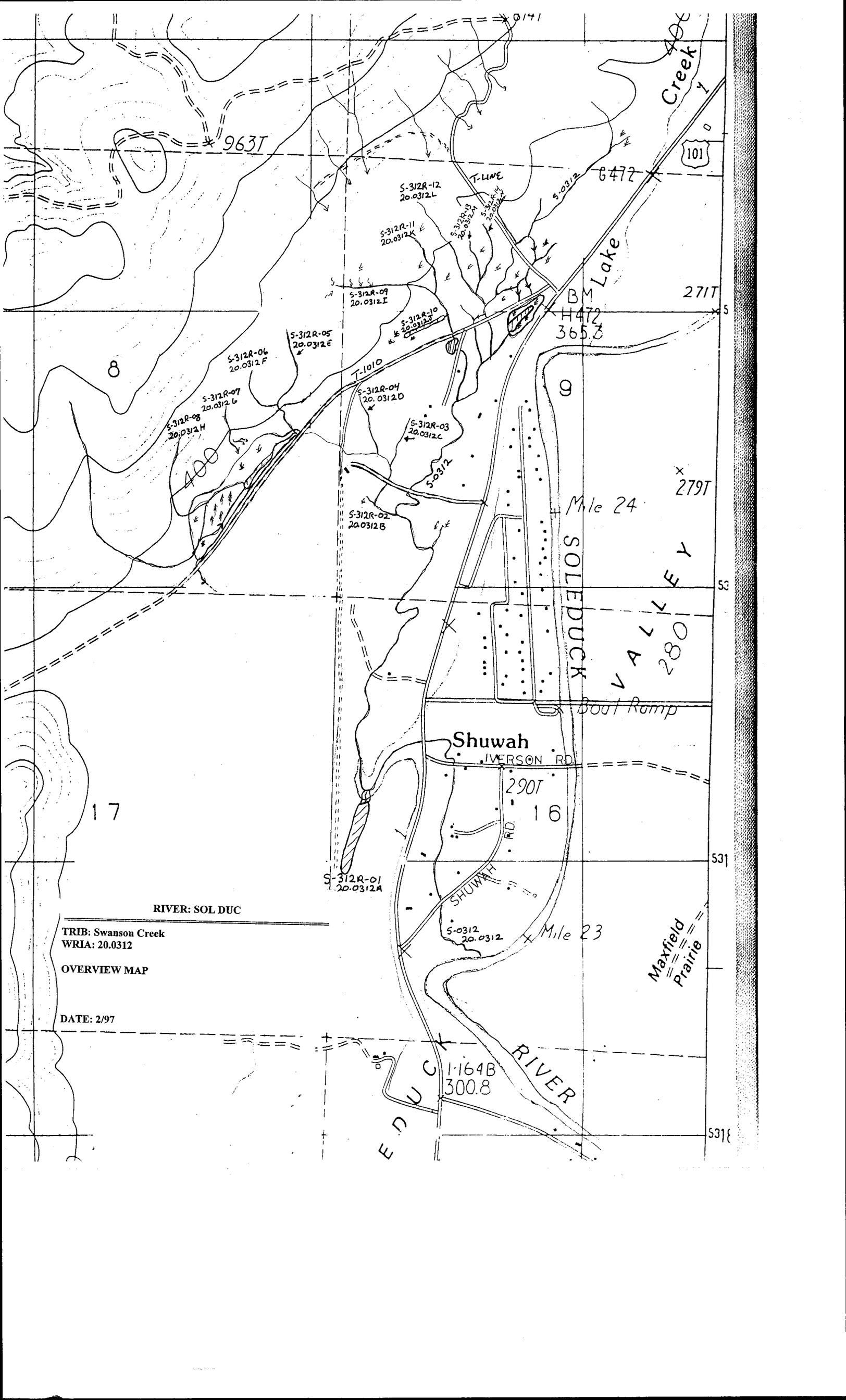
Ridge

Tree
Timber



RIVER: SOL DUC

TRIB: Swanson Cr. WRIA: 20.0312
 AREA: S-312R
 SITES: S-312R-02, S-312R-03, S-312R-04, S-312R-05,
 S-312R-06, S-312R-07, S-312R-08
 WRIA: 20.0312B, 20.0312C, 20.0312D, 20.0312E
 20.0312F, 20.0312G, 20.0312H
 NAMES: Loushin Cr, Loushin #2, Loushin #3, Unnamed
 Unnamed, Unnamed, Unnamed
 DATE: 3/97



RIVER: SOL DUC

TRIB: Swanson Creek
WRIA: 20.0312

OVERVIEW MAP

DATE: 2/97

Shuwah

IVERSON RD

290T

16

SHUWAH RD

S-312R-01
20.0312A

S-312R-02
20.0312B

S-312R-03
20.0312C

S-312R-04
20.0312D

S-312R-05
20.0312E

S-312R-06
20.0312F

S-312R-07
20.0312G

S-312R-08
20.0312H

S-312R-09
20.0312I

S-312R-10
20.0312J

S-312R-11
20.0312K

S-312R-12
20.0312L

1-164B
300.8

Mile 24

SOLE DUCK VALLEY

279T

280

Boat Ramp

Mile 23

Maxfield
Prairie

271T

53

531

531

963T

8

17

101

0141

T-LINE

T-1010

BM Lake
H472
365.0

400

