

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:**

<b>Region:</b> North Coast	<b>Observer(s):</b> Nettnin
<b>River System:</b> Sol Duc	<b>Date:</b> 3/11/97
<b>Site Identifier:</b> S-312R-06	<b>WRIA:</b> 20.0312 F (P)
<b>River Mile Location:</b> 0.1	<b>RB/LB:</b> RB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> S-312R-05 (20.0312 E)
<b>Legal Description:</b> SE¼ Sec 08 T29N R13W	<b>County:</b> Clallam
<b>Habitat Type:</b> Lower valley wall tributary	
<b>Landowner:</b> <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	
- 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. The confluence of S-312R-05 is just upstream of the culvert. Follow S-312R-05 upstream on the RB for 120 m to the confluence of S-312R-06.

**Site Overview:**

This first order stream sources from a series of springs emanating from the toe of the ridge. It has a moderately - gentle gradient and drains 20 - 40 acres of timberland. The water shed is undisturbed since it was logged in the early 1950's.

**Habitat Information:**

**Water source:** Springs, and surface runoff

**Intermittent/year-around:** Unknown

- There is a domestic water supply on one of the springs which indicates year-around water, however, it is unknown if the creek flows year-around.

**Estimated flows (cfs):** Lower end: 1.0 - 2.0 Upper end: 0.5 - 1.0

**Water temperatures:** Lower end: 5.0° C Upper end: 5.0° C

**Adjacent stream temperature S-312R-05 (20.0312 E):** 4.5° C

**Other water observations:**

- Water is clear
- Domestic water supply

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 0.5 - 1.0 m Pond- NA Wetland- NA  
Depths: Channel- 5 - 30 cm Pond- NA Wetland- NA  
Total length surveyed : 160 m

**Total existing habitat area (est.):** 80 m<sup>2</sup>

Spawning area: 10 m<sup>2</sup>  
Impounded area: None  
Other rearing area: 70 m<sup>2</sup>

**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 gentle - moderate but not a lot of pools.
- Cover is lacking.
- Good shading provided by 30 - 40 year old conifer and brushy understory.

**Describe inaccessible habitat:** NA

**Describe wetland:**  Bog  Marsh  Scrub-shrub Wetland  Forested Wetland  
- NA

**Flooding potential:**  Low  Medium  High

**Fish Information:**

**Site entry condition to S-312R-05 (20.0312 E):**  Poor  Fair  Good

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

- Access is good, however, juvenile and adult coho use is unknown.

**Other species access and use:**  Chum  Pink  Sockeye  Chinook  Trout

- It is unknown if other species use this stream. Trout probably do use it.

**Habitat Improvements:**

**Enhancement opportunities:**

- Possible project type:
- maintain integrity of the channel
  - No equipment access

**Additional Comments:**

**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

**NORTH COAST OFF CHANNEL SURVEY**  
**SUBSEQUENT SITE EVALUATION FORM**

River System: Sol Duc

Site No.: S-312R-06  
Site Name: Unnamed  
WRIA: 20.0312F

DATE: 3-2-98

OBSERVER: Darrow

**MINNOW TRAPPING REPORT**

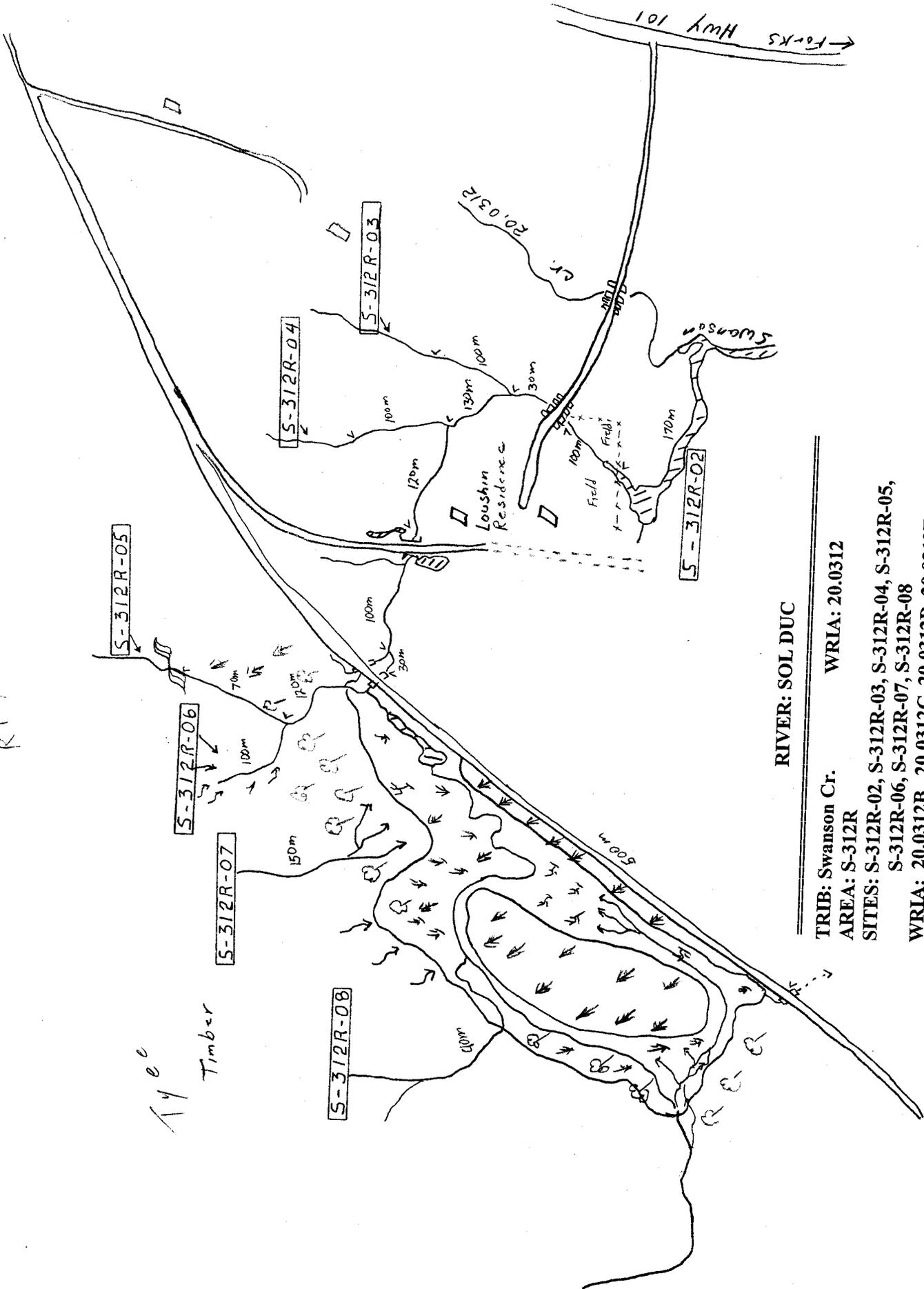
TRAP	DATE		DATE		COHO	CATCH			COTTID
	SET	TEMP	PULLED	TEMP		TROUT			
						RBT	CUTT	0+	
1	3/1	5.6°C	3/2	5.8°C	0	0	0	0	3
2	3/1	5.6°C	3/2	5.8°C	0	0	1	0	0
<b>TOTALS:</b>					0	0	1	0	3

**COMMENTS:**

- Trap 1 was placed ~25 m upstream of confluence of fork.
- Trap 2 was placed ~65 - 70 m upstream of trap #1.

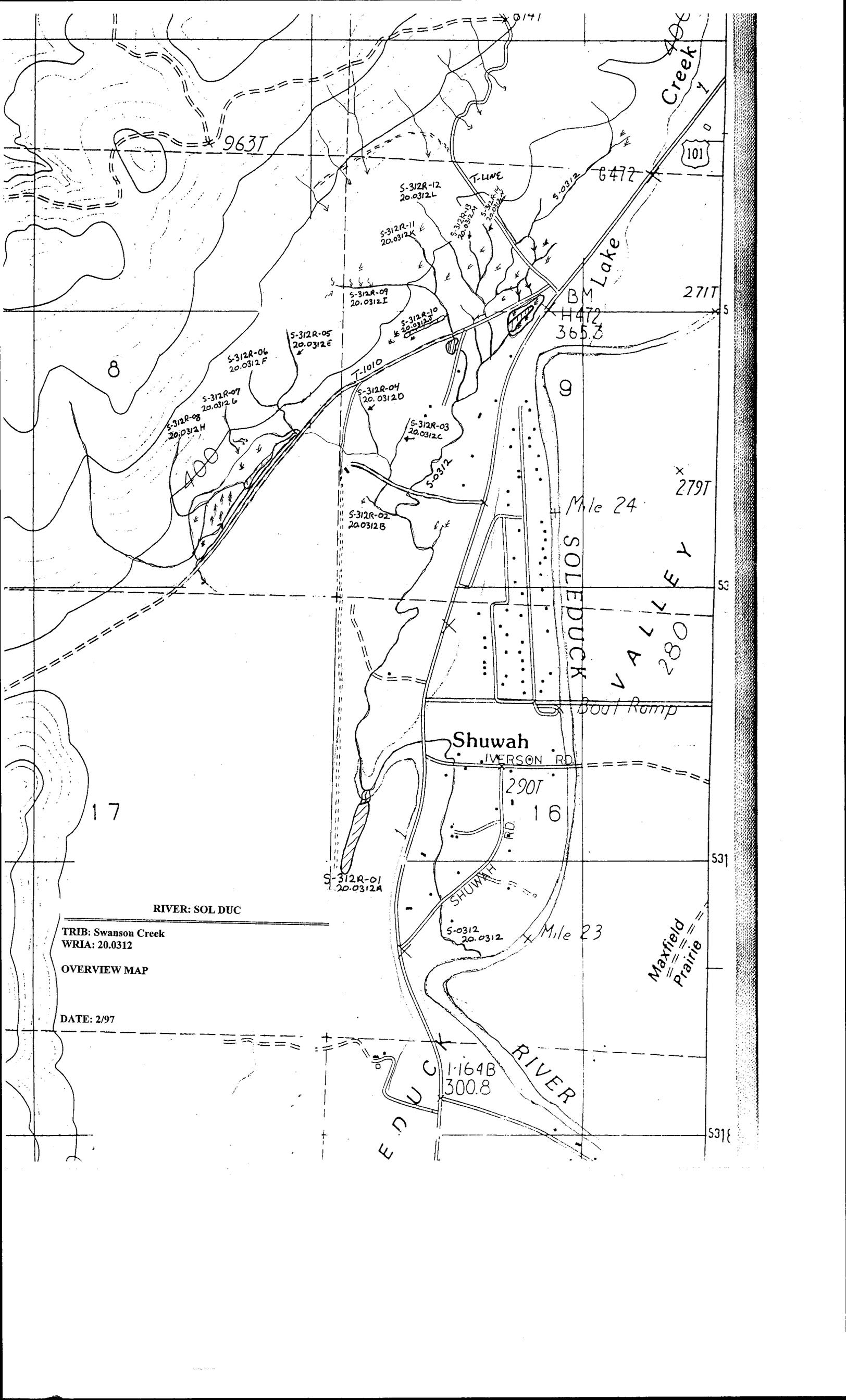
Ridge

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

S-312R-01  
20.0312A

S-0312  
20.0312

Mile 23

1-164B  
300.8

SOLE DUCK RIVER

SOLE DUCK

VALLEY

Maxfield  
Prairie

Mile 24

Boat Ramp

BM Lake  
H472  
365.0

271T

x 279T

53

531

5316

# 963T

0141

6472

S-312R-12  
20.0312L

S-312R-11  
20.0312K

S-312R-09  
20.0312I

S-312R-10  
20.0312J

S-312R-05  
20.0312E

S-312R-06  
20.0312F

S-312R-07  
20.0312G

S-312R-08  
20.0312H

S-312R-04  
20.0312D

S-312R-03  
20.0312C

S-312R-02  
20.0312B

8

9

17

SOLE DUCK

Creek

101

5

5

53

531

5316

