

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> 1/28/98
<b>Site Identifier:</b> S-313R-04	<b>WRIA:</b> 20.0313A
<b>River Mile Location:</b> 0.9	<b>RB/LB:</b> RB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> Lake Creek (20.0313)
<b>Legal Description:</b> NE¼ Sec 4 T29N R13W	<b>County:</b> Clallam
<b>Habitat Type:</b> Valley Wall Trib	
<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 - Possibly RTOC - Possibly DNR	

**Directions to site:**

Travel north from Forks on Highway 101 to the T-line intersection (left at MP198.1). Turn left off the highway then right at the 4-way junction (100 ft). Continue up the road for 0.8 mile (a key for the gate can be obtained at the RTOC office in Forks) to the second stream crossing (disregard the perched wetland just past 20.0313G as a stream crossing.) This is S-313R-04.

**Site Overview:**

This first order valley wall tributary drains approximately 80 acres of forest land. From the mouth to the road, the gradient does not exceed 7%. Above the road, the gradient increases. At the end of the survey, the gradient was 14%. It is in excess of 30% at the head wall tributaries on Tyege Ridge. The culvert at the road crossing is a barrier at present.

**Habitat Information:**

**Water source:** Surface runoff

**Intermittent/year-around:** Unknown, probably intermittent.

**Estimated flows (cfs):** Lower end: 0.5 - 3.0 Upper end: 0.1 - 2.0

**Water temperatures:** Lower end: 7.5 - 8.5°C Upper end: 8.5 °C

**Adjacent stream temperature Lake Creek:** 6.5°C

**Other water observations:** Clear water

**Site area measurements:**  Indirect  Direct  Combination

Widths: Channel- 1 - 2 m Ponds- NA Wetlands- NA

Depths: Channel- 5 - 15 cm Ponds- NA Wetlands- NA

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

**Total existing habitat area (est.):** 400 m<sup>2</sup>

Spawning area: 50 m<sup>2</sup>

Impounded area: 0 m<sup>2</sup>

Other rearing area: 350 m<sup>2</sup>

**Spawning Habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe spawning habitat:**

- The spawning opportunities are limited to the tailout of pools.
- This stream habitat above the road is more suitable for trout than for coho.

**Rearing habitat conditions:**  None  Poor  Fair  Good  Excellent

**Describe pond and other rearing habitat:**

- There is no pond habitat associated with this channel.
- There are some nice pools and riffles that provide good trout habitat.

**Describe unaccessible habitat:**

- Above the culvert barrier, there is about 300 m<sup>2</sup> of habitat.
- Spawning habitat is available in the tailout of pools
- The gradient ranges from 7 - 14%.
- After surveying the rest of the Lake Creek system this type of habitat is well utilized.

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

- There are no associated wetlands to this channel.

**Flooding potential:**  Low  Medium  High

- The system is subject to flashy flows from within and not from river flooding.

**Fish Information:**

**Site entry condition to Lake Creek:**  Poor  Fair  Good

- The stream enters in a small protected cove.

**Coho access and use:**

Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

- No coho were observed during the survey.

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

- On 2/4/98, a trap was set and fished: two rainbow trout and three 8 - 15 cm trout were caught.

**Habitat Improvements:**

**Enhancement opportunities:**

Possible project type:

- Remove or replace culvert to pass fish.
- Maintain the integrity of the stream.

Equipment access: Good access to the culvert.

**Additional Comments:**

- Verbal communications with Chris Byrnes (WDFW habitat Manager): this road is a temporary access and is supposed to be abandoned when timber harvest is completed

**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 checked="" type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys  | <input checked="" type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report            |

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

River System: Sol Duc

Site No.: S-313R-04  
Site Name: Unnamed  
WRIA: 20.0313A

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DATE: 2/4 - 2/5/98

OBSERVER: Nettnin

**MINNOW TRAPPING REPORT**

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	CATCH			CUTT	COTTID
					COHO UMRK	MRK	RBT		
1	2/4	7.5°C	2/5	8.0°C	0	0	2	0	0
TOTALS:					0	0	2	0	0

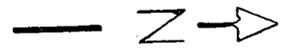
**COMMENTS:**

-Trap 1 was placed in the plunge pool of the culvert.

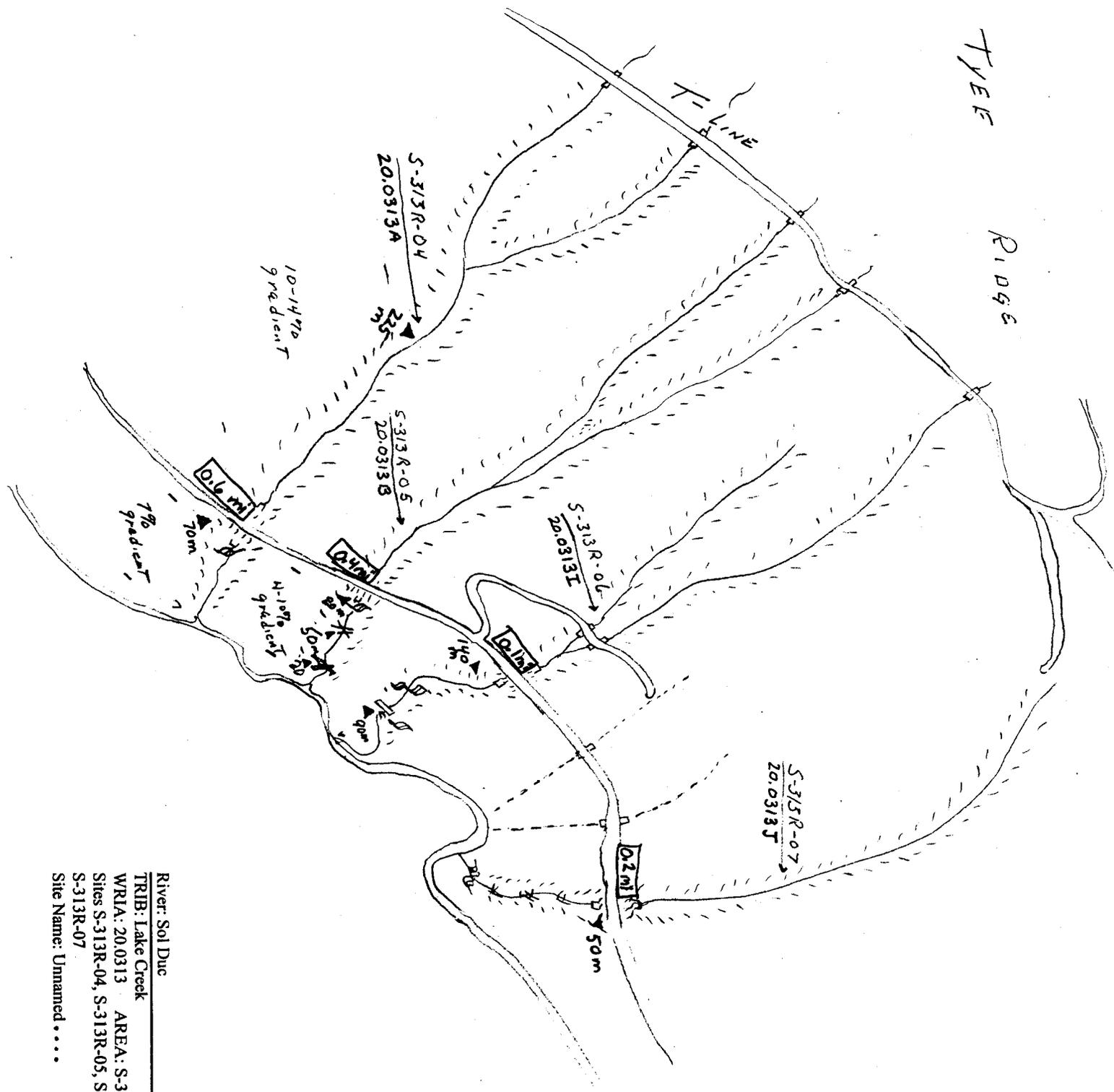
DATE: 2/4 - 2/5/98

OBSERVER: Nettnin

Channel was flowing about 0.25 cfs

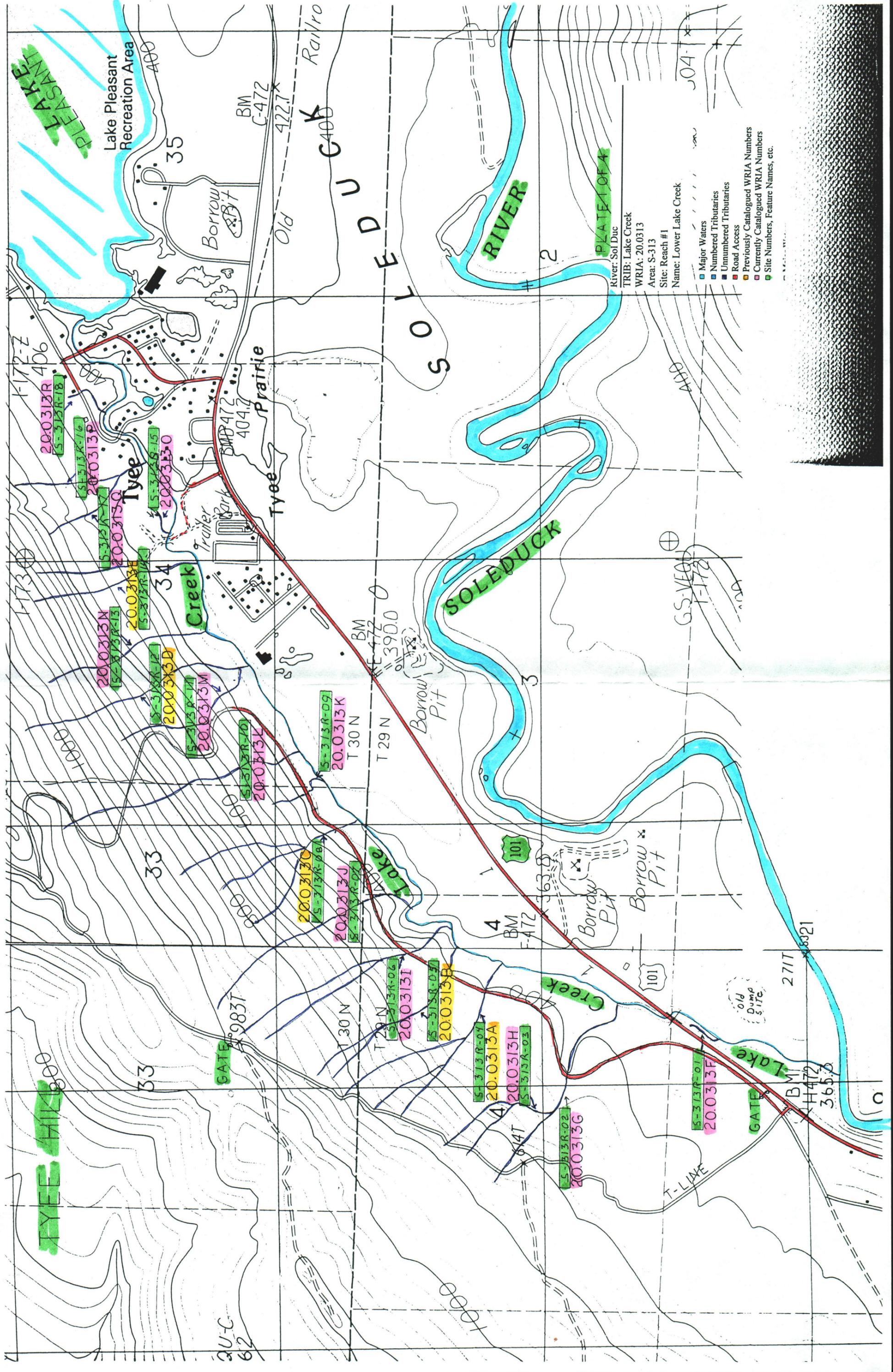


TYEE Ridges



River: Sol Duc  
 TRIB: Lake Creek  
 WRIA: 20.0313 AREA: S-313R  
 Sites S-313R-04, S-313R-05, S-313R-06 &  
 S-313R-07  
 Site Name: Unnamed.....





River: Sol Duc  
 TRIB: Lake Creek  
 WRIA: 20.0313  
 Area: S-313  
 Site: Reach #1  
 Name: Lower Lake Creek

- Major Waters
- Numbered Tributaries
- Unnumbered Tributaries
- Road Access
- Previously Catalogued WRIA Numbers
- Currently Catalogued WRIA Numbers
- Site Numbers, Feature Names, etc.