

**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: 4/10/98
Site Identifier: S-308R-03	WRIA: 20.0309 D (P)
River Mile Location: 1.9 mi (hip chained)	RB/LB: RB
Local Name: Unnamed	Trib. to: Maxfield Cr (20.0308)
Legal Description: SE ¹ / ₄ Sec14 T29N R13W	County: Clallam
Habitat Type: Lower valley wall tributary	
Landowner: <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Hancock Timber - Washington Dept of Natural Resources	

Directions to site:

Starting at Forks (Tillicum Park), drive north on Highway 101 for 5.3 miles (mp 197). Take a right on Maxfield Road and follow 0.65 mi to the logging road gate. A key to the gate can be obtained at the Rayonier Timber Office or DNR. Continue straight (crossing Shuwah Cr.) for 0.4 mi and turn to the right. Continue following the road for 0.3 mi. At this point, there will be a road to the left going up a steep hill - take this left road. Follow the road for 1.55 mi. There will be another uphill road to the right. Follow the uphill road for 0.5 mi. There will be a culvert crossing and ponded water (or evidence of ponding to the left), this is S-308R-03.

Site Overview:

The head-end of this channel is a pooled area which is inaccessible due to >20% gradient downstream. In the mid to the lower reach, the channel flows through a moderate to slight gradient that has some associated spawning area. This channel is limiting due to both low and high flows.

Habitat Information:

Water source: Tributaries and terrace runoff

Intermittent/year-around:

- Intermittent

Estimated flows (cfs): 0.25 - 0.35

Water temperatures: 7.0° C

Adjacent stream temperature: Did not take (20.0308)

Other water observations:

Site area measurements: Indirect Direct Combination

Widths: Channel- 0.5 m - 1.2 m Ponds- did not measure Wetlands- NA

Depths: Channel- 5.0 cm - 13 cm Ponds- NA Wetlands- NA

Total length (not including pond/ wetlands): 635 m

Total existing habitat area (est.): 540 m²

Spawning area: 340 m²

Impounded area: 0

Other rearing area: 200 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The channel has varying amounts of gravel/rubble/fine sediment/boulder.
- Some spawning gravel in varying amounts in the lower to mid reach.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- Flushing flows would be a limiting factor in the winter.
- Channel becomes dry in the summer.
- There is overhead cover of brush, alder and some conifer.
- There is instream cover of LOD and overhang.
- The upper reach is incised and has >20% gradient.

Describe unaccessible habitat:

- The pool above the culvert is unaccessible due to the channel gradient directly downstream.
- Pool is dry in the summer.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

Fish Information:

Site entry condition to (Maxfield Cr. 20.0308): Poor Fair Good

- There is some small woody debris jamming the egress.
- During high flows, water flows in various channels around the debris.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Juveniles may utilize the lower reach during certain times of year.
- Some limited adult spawning could take place if water levels were stable.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Observed small salmonids in upper-mid reach. I assumed they were trout fry.

Habitat Improvements:

Enhancement opportunities:

- None recommended.

Additional Comments:

- Culvert has some debris and mud at the inlet.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

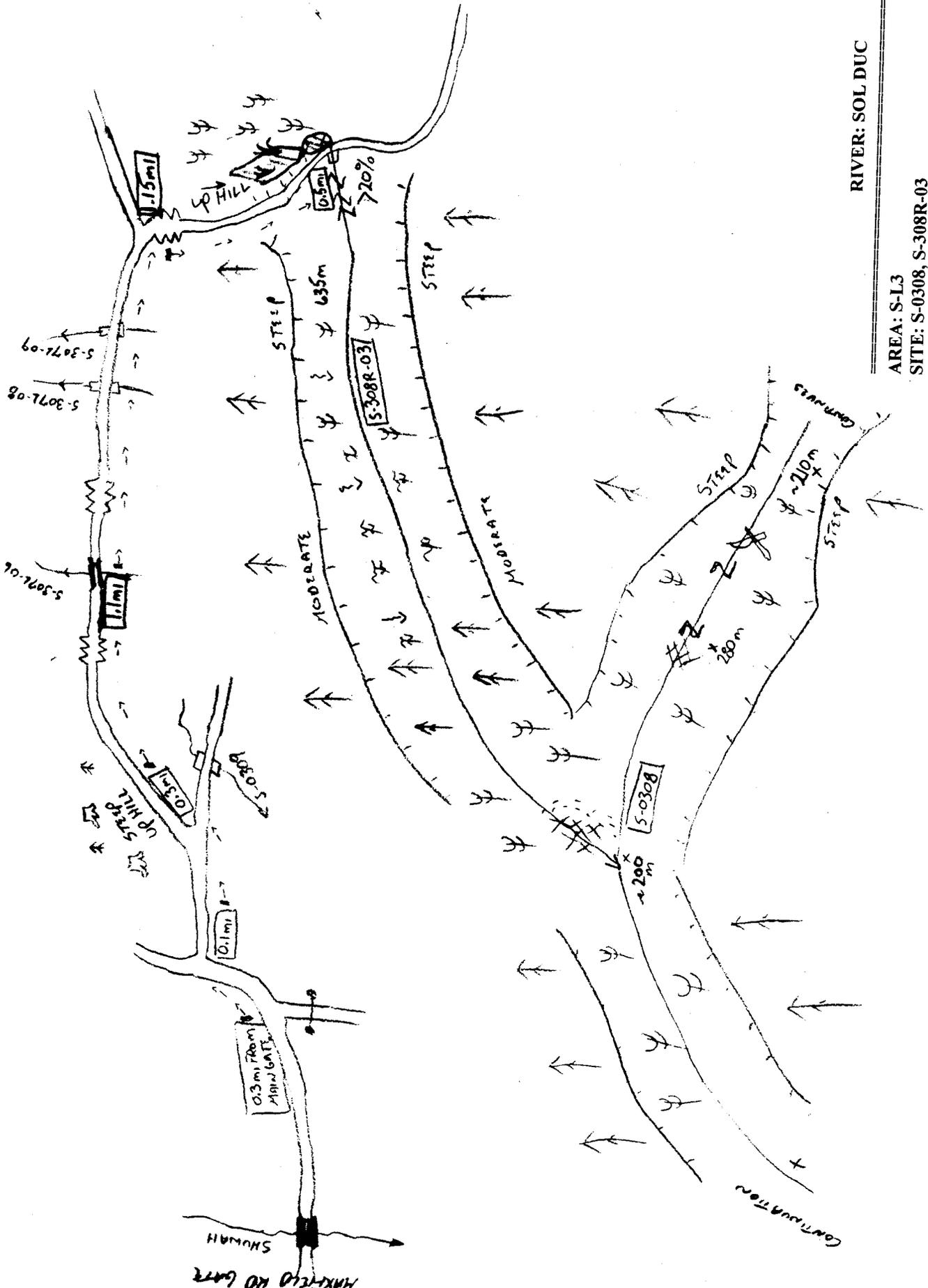
<input checked="" type="checkbox"/> Aerials	<input checked="" type="checkbox"/> Sketch	<input checked="" type="checkbox"/> Maps	<input type="checkbox"/> Culvert Report
<input type="checkbox"/> Other references	<input type="checkbox"/> Spawning surveys	<input type="checkbox"/> Juvenile trapping	<input type="checkbox"/> Fishway

DATE: 8-20-98

OBSERVER: Powell

The pond and upper channel at the culvert crossing were dry.

DOC: S-308R-03

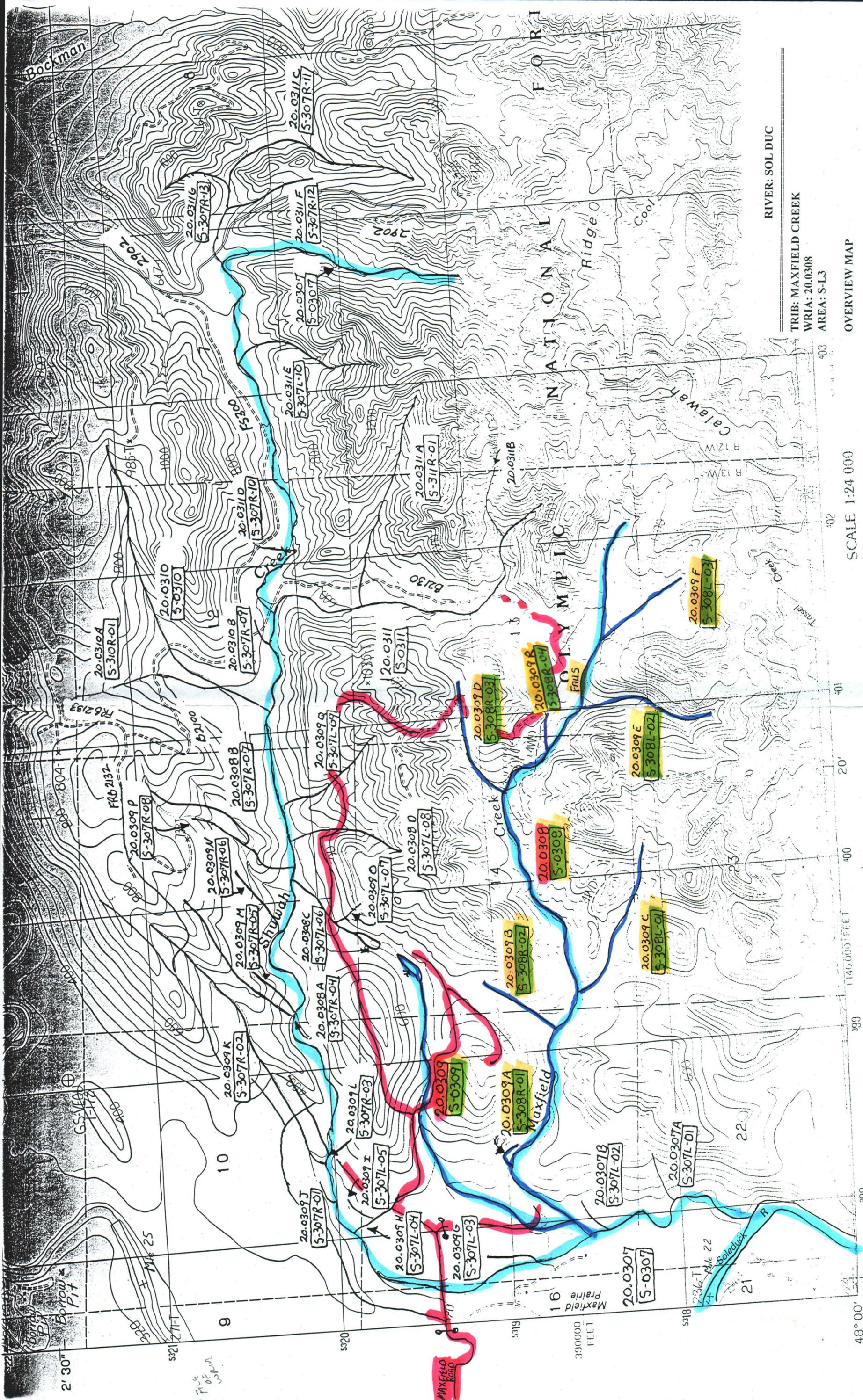


NT

RIVER: SOL DUC

AREA: S-L3
 SITE: S-0308, S-308R-03
 WRIA: 20.0308, 20.0309D
 NAMES: Maxfield Cr, Unnamed

map 3074 DATE: 4/98



RIVER: SOL DUC

TRIB: MAXFIELD CREEK
 WRIA: 20.0308
 AREA: S-L3

OVERVIEW MAP

SCALE 1:24 000



1998

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
 USGS, NOS/NOA

48° 00' 124° 22' 30"

398

399

1140 000 FEET

400

20'

401

402

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

403

RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96

