

Total existing habitat area (est.): 1,326 m²

Spawning area:	110 m ²	Tributaries:	6 m ²	Total:	116 m ²
Impounded area:	0 m ²	Tributaries:	0 m ²	Total:	0 m ²
Other rearing area:	630 m ²	Tributaries:	580 m ²	Total:	1,210 m ²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The lower reach contains fewer fines and appears to be a more favorable spawning substrate.
- The gravel component is about 68% with 10 - 16% fines.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- In stream cover is provided by aquatic vegetation, and medium/high amount of woody debris.
- Canopy is provided by conifer and deciduous trees of about 50 - 70 years.
- Bank vegetation is moderately dense salmonberry and vine maple.

Describe inaccessible habitat: (amount; if in mainstem or trib; quality, ECT.)

- The culvert under Burnt Mt Rd is a total barrier to juvenile coho and trout. It is also a significant barrier to adult trout.
- Above the barrier culvert, there is 70 m² of spawning and 1,000 m² of rearing.
- Ninety percent of the prime, overwinter rearing area is above the barrier culvert.
- All of the tributary habitat is also above the barrier culvert.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- There are no wetlands directly associated with this channel.

Flooding potential: Low Medium High

- The flows appear to be flashy but not flushing.

Fish Information:

Site entry condition to Beaver Cr (20.0324): Poor Fair Good

- The egress is into a deep pool.
- The egress splits into three braids.
- There is an immediate riffle that increases in height as the flows drop into Beaver Cr.

Coho access and use:

- Juvenile- Unknown None Poor Fair Good
- Adult- Unknown None Poor Fair Good
- On 2/1/00, five minnow traps were set: three below the culvert and two above. Eight coho were captured below the culvert and zero above.
- Adult coho can access this system but it is doubtful that they can pass through the culvert.
- No known history of this creek before the construction of SR-113.

Other species access and use: Chum Pink Sockeye Chinook Trout

- On 2/1/00, five minnow traps were set: three below the culvert and two above. Four cutthroat trout were captured below the culvert and two above.
- It is assumed there would be more use if the fish could pass the SR-113 culvert.

Habitat Improvements:

Enhancement opportunities:

- Remove excessive wood at old trestle crossing.
- Repair culvert
- Install low head controls to create beaded channel in upper reach.

Equipment access: Yes, for culvert work

Additional Comments: There is additional data on this trib in the DOT culvert inventory. WDFW culvert measurements were made on 2/17/00.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- | | | | |
|---|--|---|--|
| <input type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input 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-324L-05
Site Name: Spike Creek
WRIA: 20.0324A

DATE: 2/1 - 2/2/00

OBSERVER: Darrow, Nettnin

MINNOW TRAPPING REPORT

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	COHO	CATCH			COTTID
						TROUT			
						RBT	CUTT	0+	
1	2/1	6.0°C	2/2	6.5°C	0	0	0	0	0
2	2/1	6.0°C	2/2	6.5°C	0	0	2	0	0
3	2/1	6.0°C	2/2	6.5°C	4	0	2	0	0
4	2/1	6.0°C	2/2	6.5°C	0	0	1	0	0
5	2/1	6.0°C	2/2	6.5°C	4	0	1	0	3
TOTALS:					8	0	6	0	3

COMMENTS:

- Trap 1 was placed about 100 meters above the culvert
- Trap 2 was placed about 40 meters above the culvert.
- Trap 3 was placed about 40 meters below the culvert.
- Trap 4 was placed about 80 meters below the culvert.
- Trap 5 was placed at the downstream edge of the footprint of the old trestle fill.
- All traps were baited with salmon roe.

RIVER: SOL DUC

TRIB: Beaver Creek - 20.0324

AREA: S-R5

SITES: S-324L-05, S-324L-06

WRIA: 20.0324A, 20.0324AA

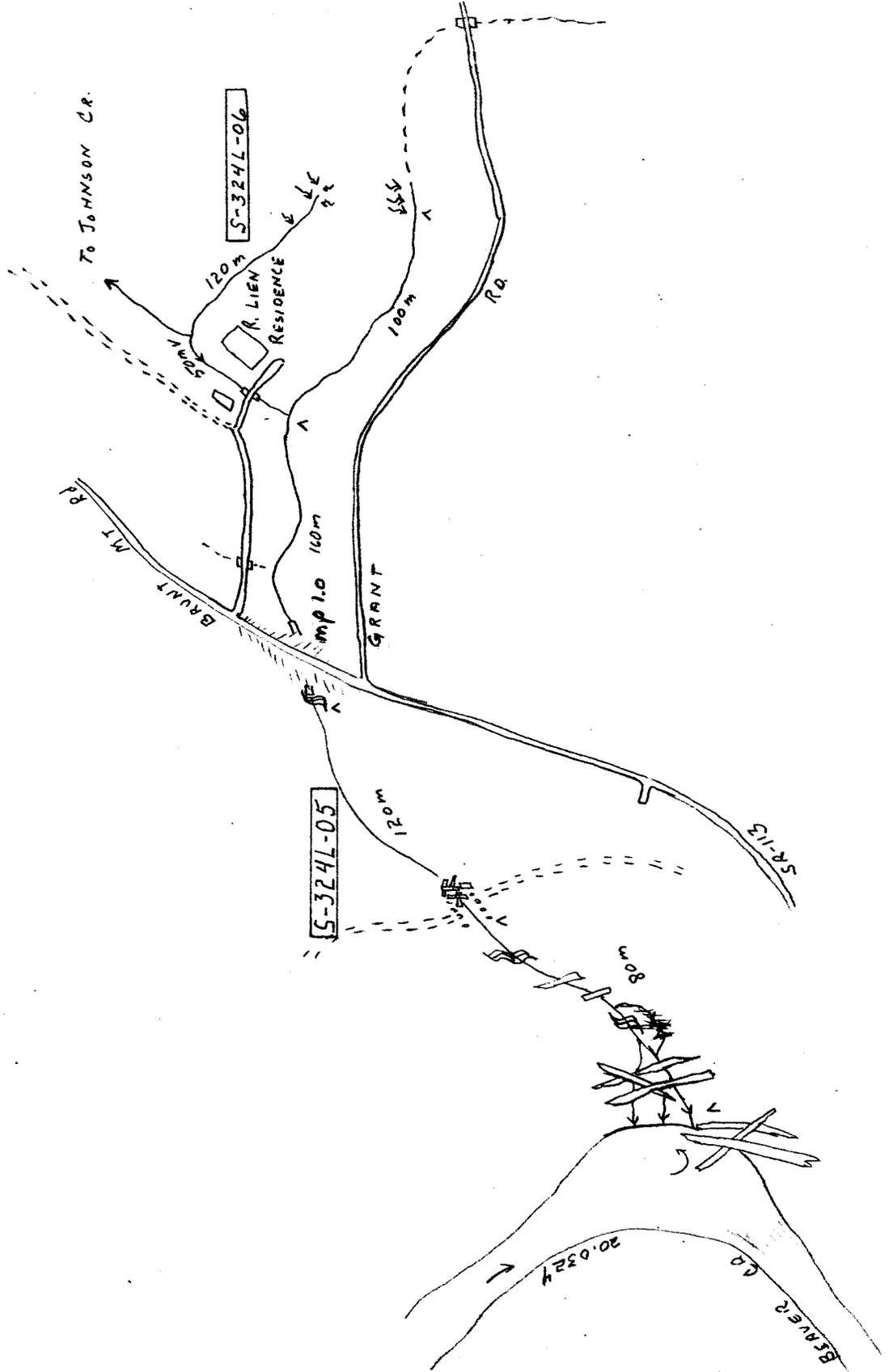
NAMES: Spike Cr, Lien Cr

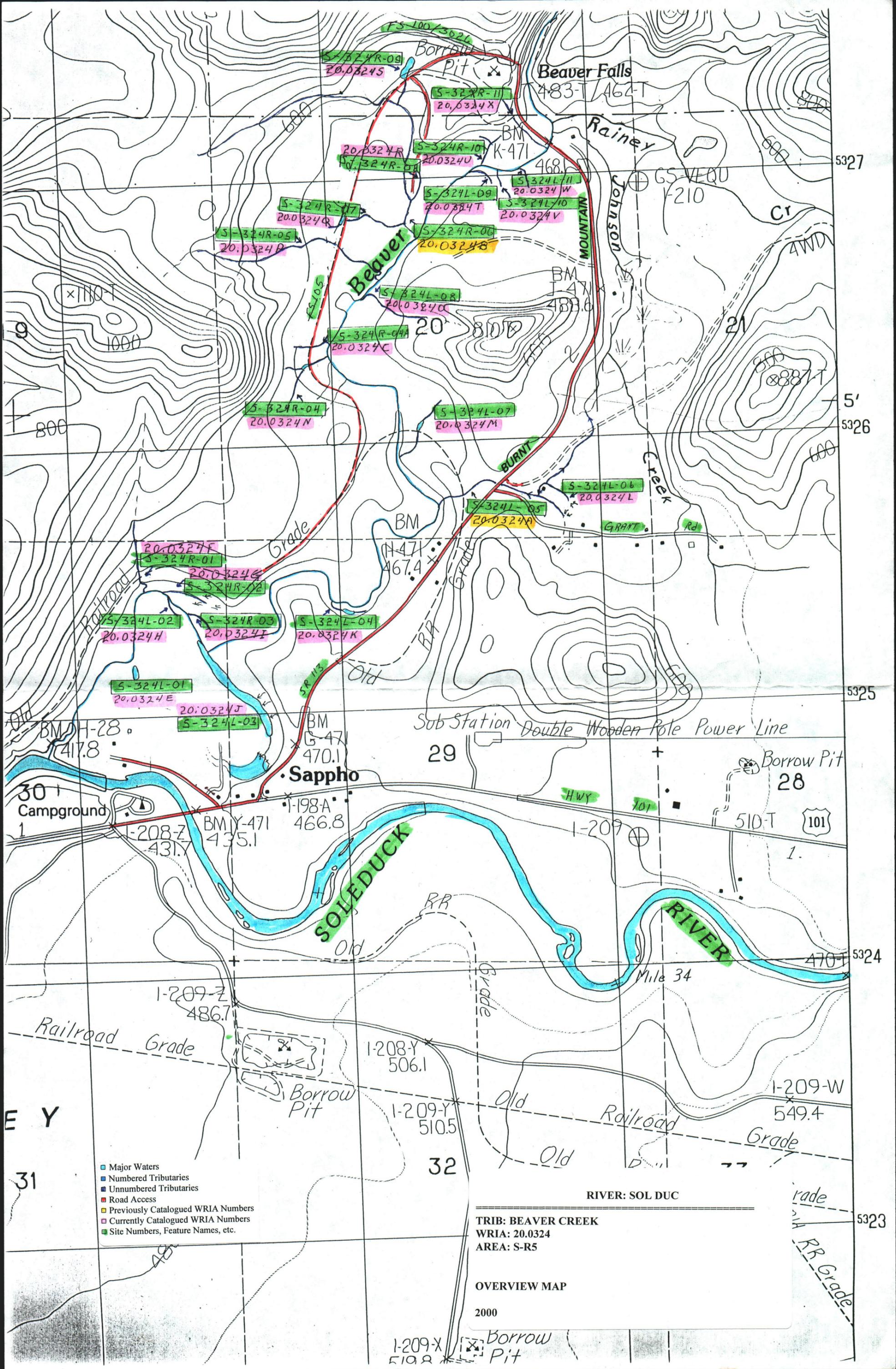
DATE: 5/99

North from Forks on Highway 101 to MP 203.9. Turn left onto Burnt Mt. Road. (SR-113). Follow for 0.95 miles to Grant Rd. Channel, S-324L-05 crosses under SR-113 just beyond Grant Road.

S-324L-06

North from Forks on Highway 101 to MP 203.9. Turn left onto Burnt Mt. Rd. (SR-113). Follow for 0.95 miles to a private driveway to the right. The stream crossing is between the residence and the garage.





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

RIVER: SOL DUC

TRIB: BEAVER CREEK
 WRIA: 20.0324
 AREA: S-R5

OVERVIEW MAP
 2000

1-209-X
 510.2
 Borrow Pit