

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): Nettnin
River System: Sol Duc River	Date: 4/12/00
Site Identifier: S-326L-10	WRIA: 20.0326U (P)
River Mile Location: 3.1	RB/LB: LB
Local Name: Unnamed	Trib. to: Johnson Creek (20.0326)
Legal Description: NW¼ Sec 22 T30N R12W	County: Clallam

Habitat Type: Upper valley wall tributary

Landowner: Federal State County Other Government Private
- Possible Department of Natural Resources

Directions to site: North from Forks on highway 101 to M.P. 205.1. Turn left onto the gravel road and proceed for 2.3 miles to the stream crossing. This is the upper Johnson Creek crossing. Follow the left bank of Johnson Creek downstream for 250 meters to S-326L-10.

Site Overview: This upper valley wall tributary drains about 40 acres of harvested timberland. It flows through a small V-notch valley on the side of an independent peak on the southern flank of Deadmans Hill. It then crosses part of the saddle formed by the two peaks and joins Johnson Creek.

Habitat Information:

Water source: Springs and surface runoff

Intermittent/year-around: intermittent

Estimated flows (cfs): Lower end: 0.1 - 0.2 Upper end: 0.01 - 0.02

Water temperatures: Lower end: 8.0 °C Upper end: 8.0 °C

Adjacent stream temperature Johnson Creek (20.0326): 8.5 °C

Other water observations: Clear water

Site area measurements: Indirect Direct Combination
Widths: Channel- 1.0 - 3.0 m Ponds- NA Wetlands- NA
Depths: Channel- 2 - 10 cm Ponds- NA Wetlands- NA
Total length surveyed (includes ponds and wetlands): 400 m

Total existing habitat area (est.): 800 m²
Spawning area: 70 m²
Impounded area: 00 m²
Other rearing area: 730 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The gravel substrate has a high percentage of fines.
- The gravel size is small aggregate.
- The shallow water depth may be more favorable to trout than coho.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The channel has a small amount of instream woody debris.
- The pools are shallow
- Shade in the lower reach is provided by a deciduous forest about 40 - 60 years old. The upper reach is mostly heavy dense salmonberry and stinkberry
- This stream habitat favors trout.

Describe unaccessible habitat: NA

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

- This channel appears to be susceptible to flashy flows.

Fish Information:

Site entry condition to Johnson Creek (20.0326): Poor Fair Good

- The channel egresses into an abandoned beaver area. The dam is breached but the channel is still somewhat back watered

Coho access and use:

- Juvenile- Unknown None Poor Fair Good
- Adult- Unknown None Poor Fair Good
- No juveniles were observed during the survey.
- It is unknown if coho utilize the upper reaches of Johnson Creek.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Trout were observed in the mainstem.

Habitat Improvements:

Enhancement opportunities:

- Possible project type
- Maintain the integrity of the channel

Equipment access: No

Additional Comments:

- The Quileute Nation has a spawner index on the reach of Johnson Creek below the mainstem wetland and one below the lower culvert
- Johnson Creek had not been depicted correctly in the WRIA catalog. The associated numbering in relation to this channel is in error. The stream catalog does not show the lower reach of Johnson Creek. A supplemental number 20.0324C, was assigned to represent this creek. However, the catalog shows a left bank tributary (20.0326) to Rainey Creek at RM 1.2. This tributary is in fact, the upper reach of Johnson Creek. It is suggested that all of Johnson Creek be given the WRIA number 20.0326. This document reflects this change.

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-326L-10
Site Name: Unnamed
WRIA: X

DATE: 2/6-2/7/01

OBSERVER: Darrow/Nettnin

MINNOW TRAPPING REPORT

TRAP	DATE		DATE		COHO	CATCH			COTTID
	SET	TEMP	PULLED	TEMP		TROUT			
						RBT	CUTT	0+	
1	2/6	6.0°C	2/7	5.0°C	0	0	1	0	0
2	2/6	6.0°C	2/7	5.0°C	0	0	0	0	0
3	2/13	4.0°C	2/14	4.0°C	0	0	2	0	0
4	2/13	4.0°C	2/14	4.0°C	0	0	0	0	0
TOTALS:					0	0	3	0	0

COMMENTS:

- Trap 1 was placed about 40m above the confluence with Johnson Creek
- Trap 2 was placed about 40 m above trap #1.
- Trap 3 was placed in the plunge pool of the culvert under a spur rd of FS-B-6000
- Trap 4 was placed about 4 m above the culvert. A hole had to be dug in order the set the trap due to shallow flows.
- All traps were baited with salmon roe.

RIVER: SOL DUC

TRIB: Johnson Creek - 20.0326

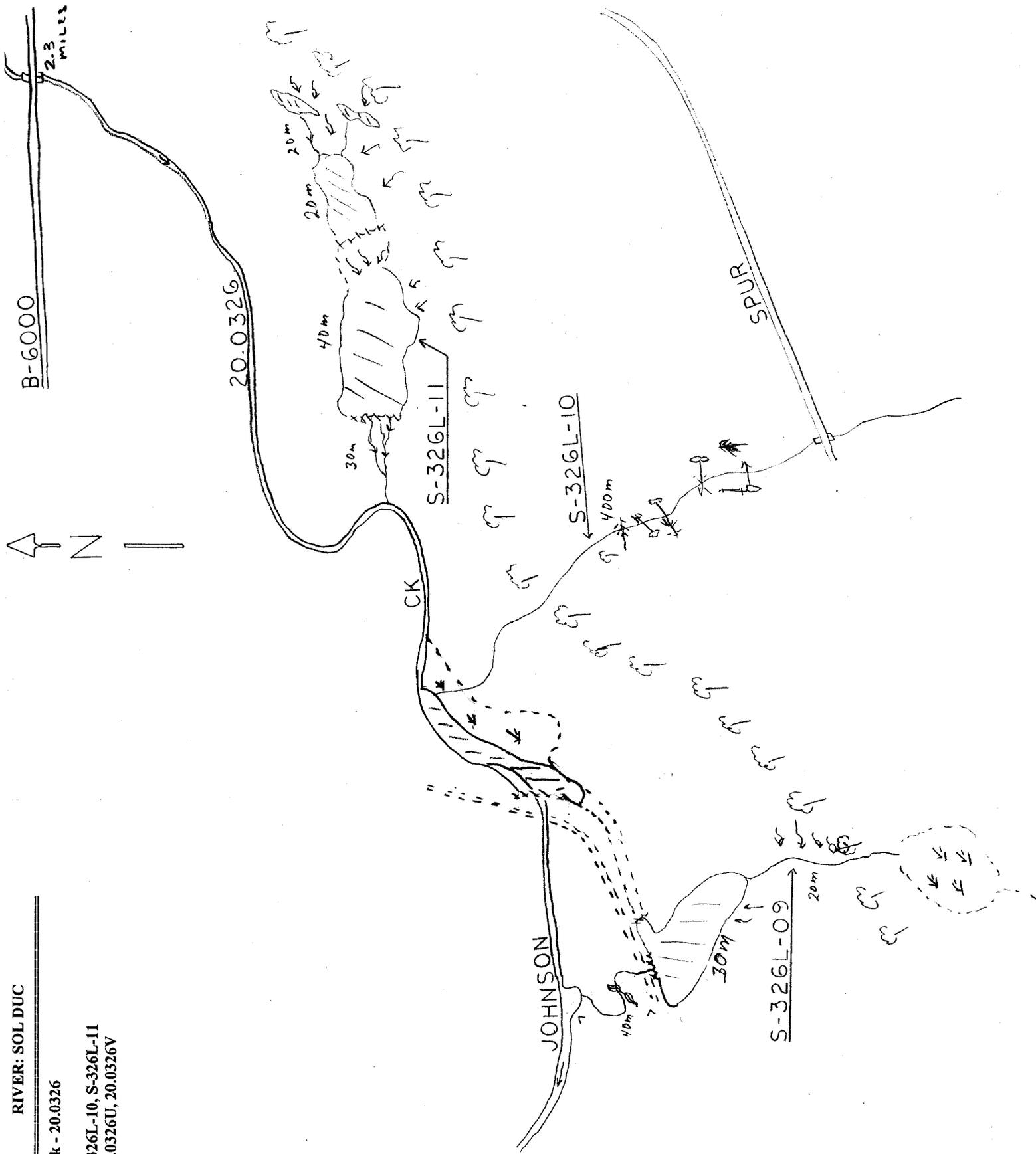
AREA: S-R5

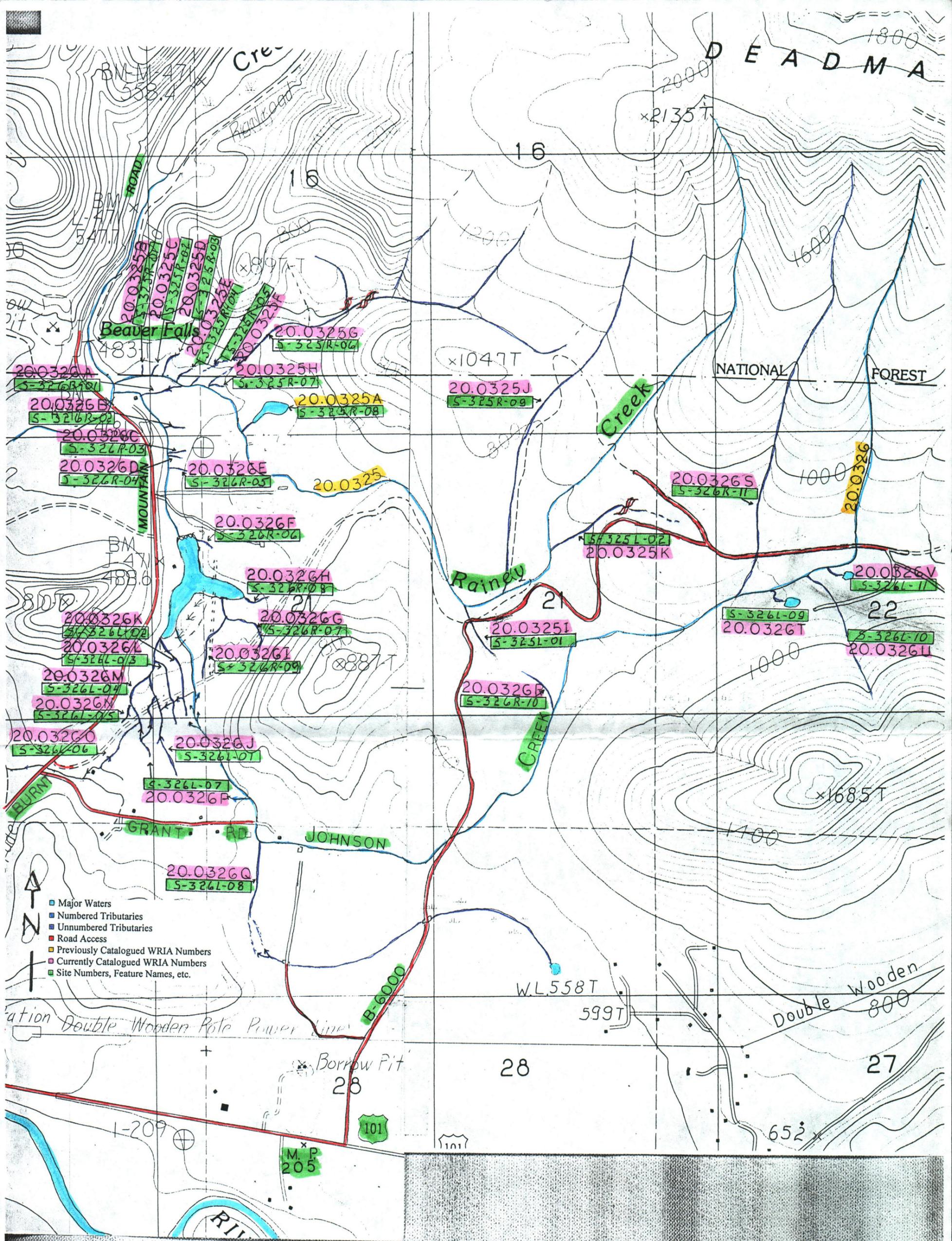
SITE: S-326L-09, S-326L-10, S-326L-11

WRIA: 20.0326T, 20.0326U, 20.0326V

NAMES: Unnamed

DATE: 7/00



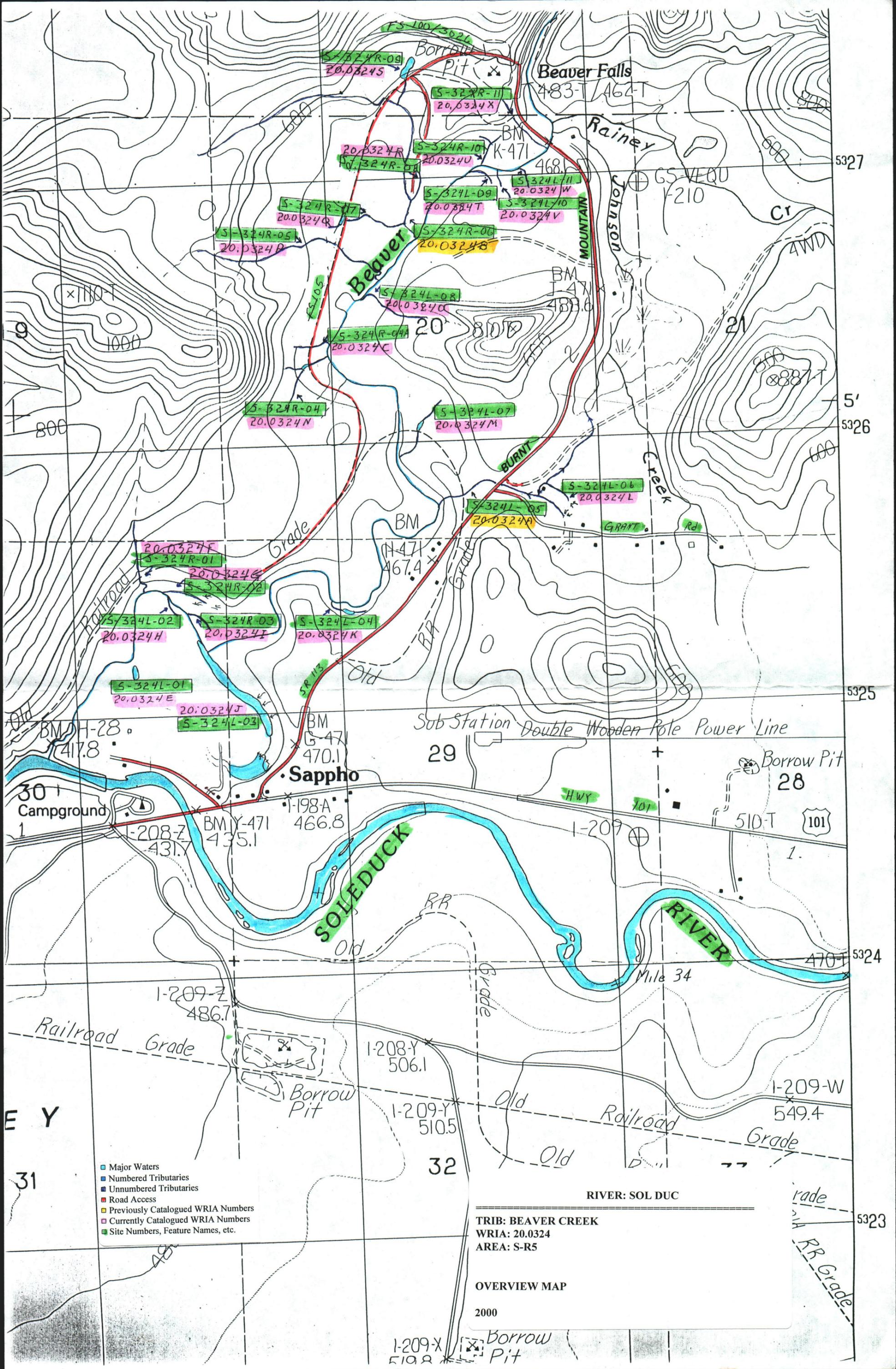


RIVER: SOL DUC

TRIB: JOHNSON CREEK & RAINEY CREEK
 WRIA: 20.0326, 20.0325
 AREA: S-R5

OVERVIEW MAP

2000



- 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
 519.2
 Borrow Pit