

Describe spawning habitat:

- Very limited.
- Small aggregate substrate with a mixture of fines.
- Water may be too shallow for coho spawning.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- Lacks woody debris. Aquatic vegetation and skunk cabbage provide some cover.
- Alder, 40 - 50 years old, provides 90% shade coverage.
- Channel has a gradient of 4%.

Describe unaccessible habitat: NA

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- This channel drains a portion of a large wetland. The overall dimensions of the wetland are approximately 700 m long and 200 - 400 m wide. This wetland drains into both Rainey Creek and Johnson Creek. There are four channels that drain into lower 400 m of Johnson Creek. There are eight channels that drain from the wetland into the lower 500 m of Rainey Creek.
- Alder is the predominant shade provider with some conifer mixed in. The canopy closure has a variety of ranges: dense closures of 90 - 100% over the area drained by the smaller tributaries, moderate closure of 40 - 60% along the mainstem reaches, and a total lack of a canopy in the open marsh and beaver pond areas.
- The under story is dense to moderate and is composed of primarily salmonberry, interspersed with stink berry and vine maple.

Flooding potential: Low Medium High

- The lower reach back waters during high water. It is probably used as a refuge bay at that time.

Fish Information:

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

- Egress has a small cascade over a log and into a riffle of Johnson Creek.
- Moderate to high flows will inundate the cascade.

Coho access and use:

- Juvenile- Unknown None Poor Fair Good
- Adult- Unknown None Poor Fair Good
- Juveniles were observed during the survey.
- Coho are documented to spawn in the mainstem of Johnson Creek.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Trout were not observed during the survey. It is assumed that they use this channel.
- Trout were observed in the mainstem.

Habitat Improvements:

Enhancement opportunities:

- Possible project type
- Pool and weir beaded channel
- Maintain the integrity of the channel and the overall wetland.

Equipment access: No

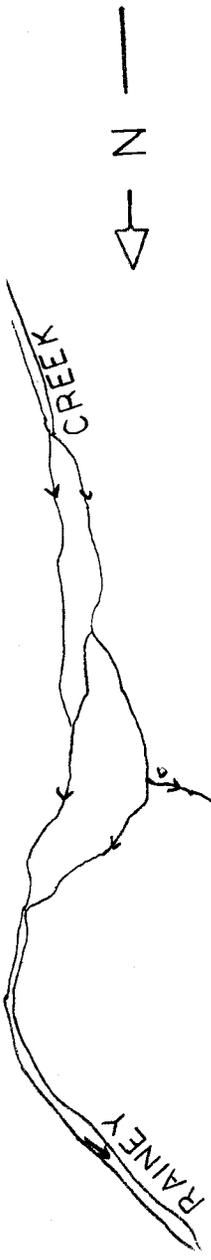
Additional Comments:

- The Quileute Nation has a spawner index on this reach of Johnson Creek
- 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:

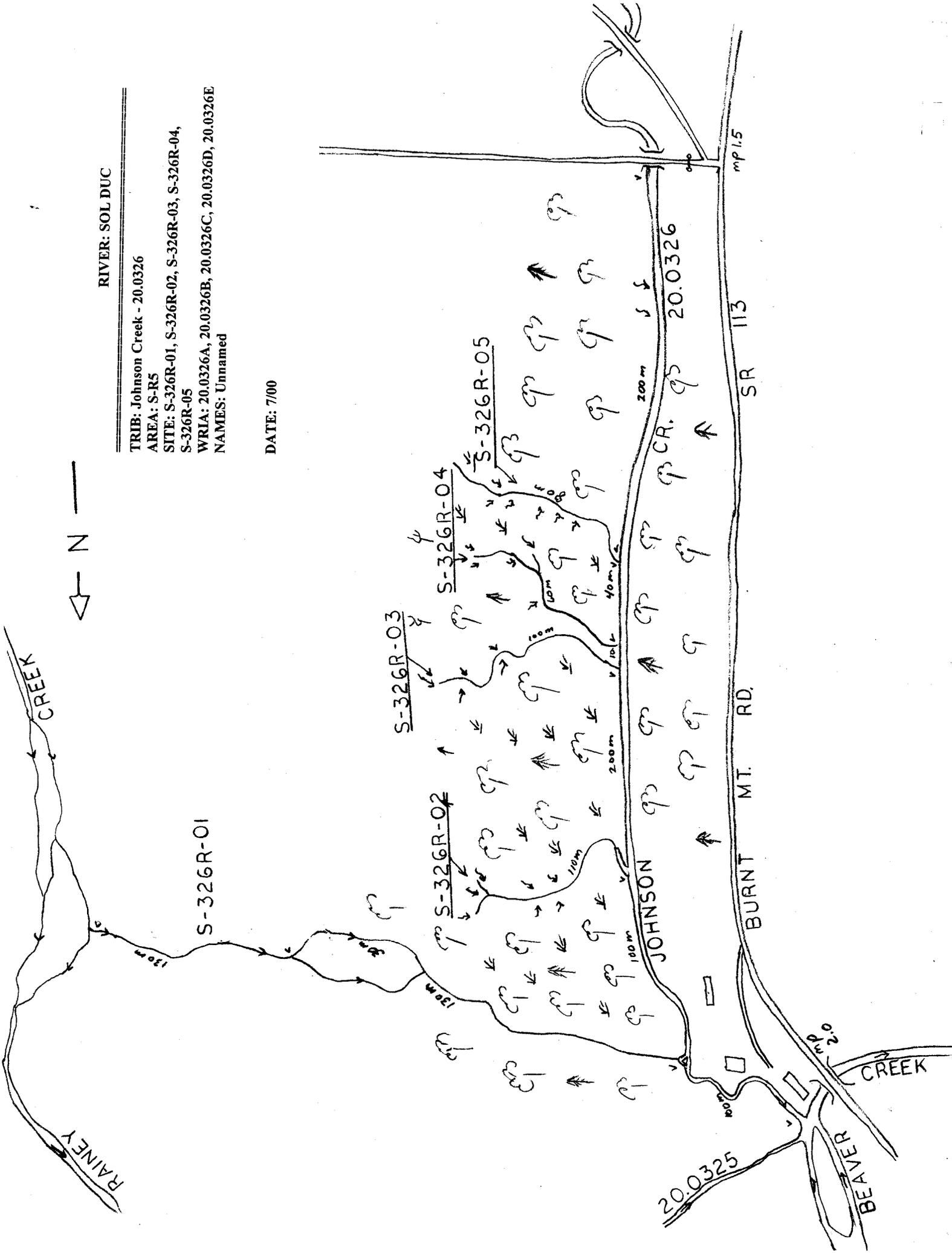
- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input type="checkbox"/> Maps | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile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

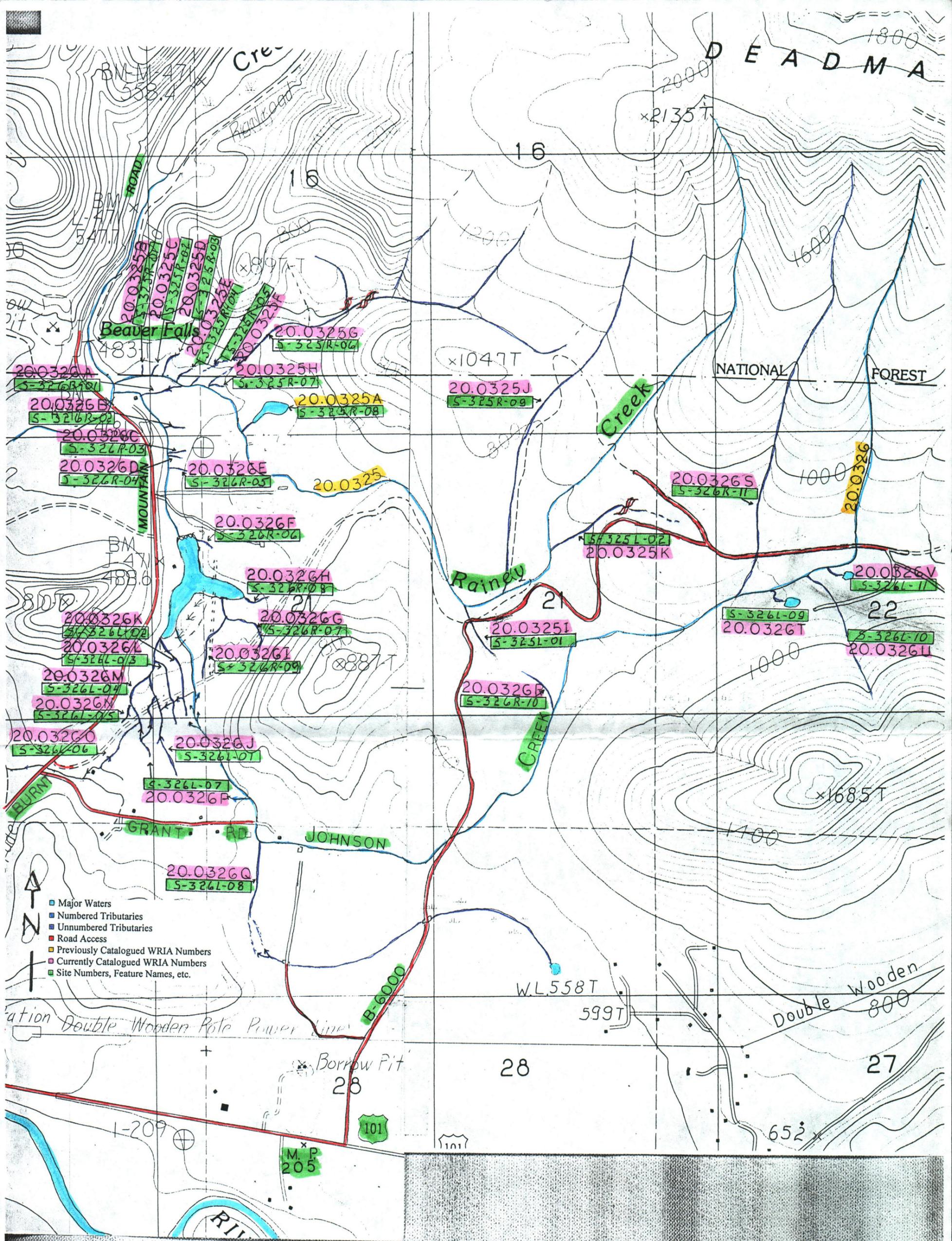


RIVER: SOL DUC

TRIB: Johnson Creek - 20.0326
 AREA: S-R5
 SITE: S-326R-01, S-326R-02, S-326R-03, S-326R-04, S-326R-05
 WRIA: 20.0326A, 20.0326B, 20.0326C, 20.0326D, 20.0326E
 NAMES: Unnamed

DATE: 7/00



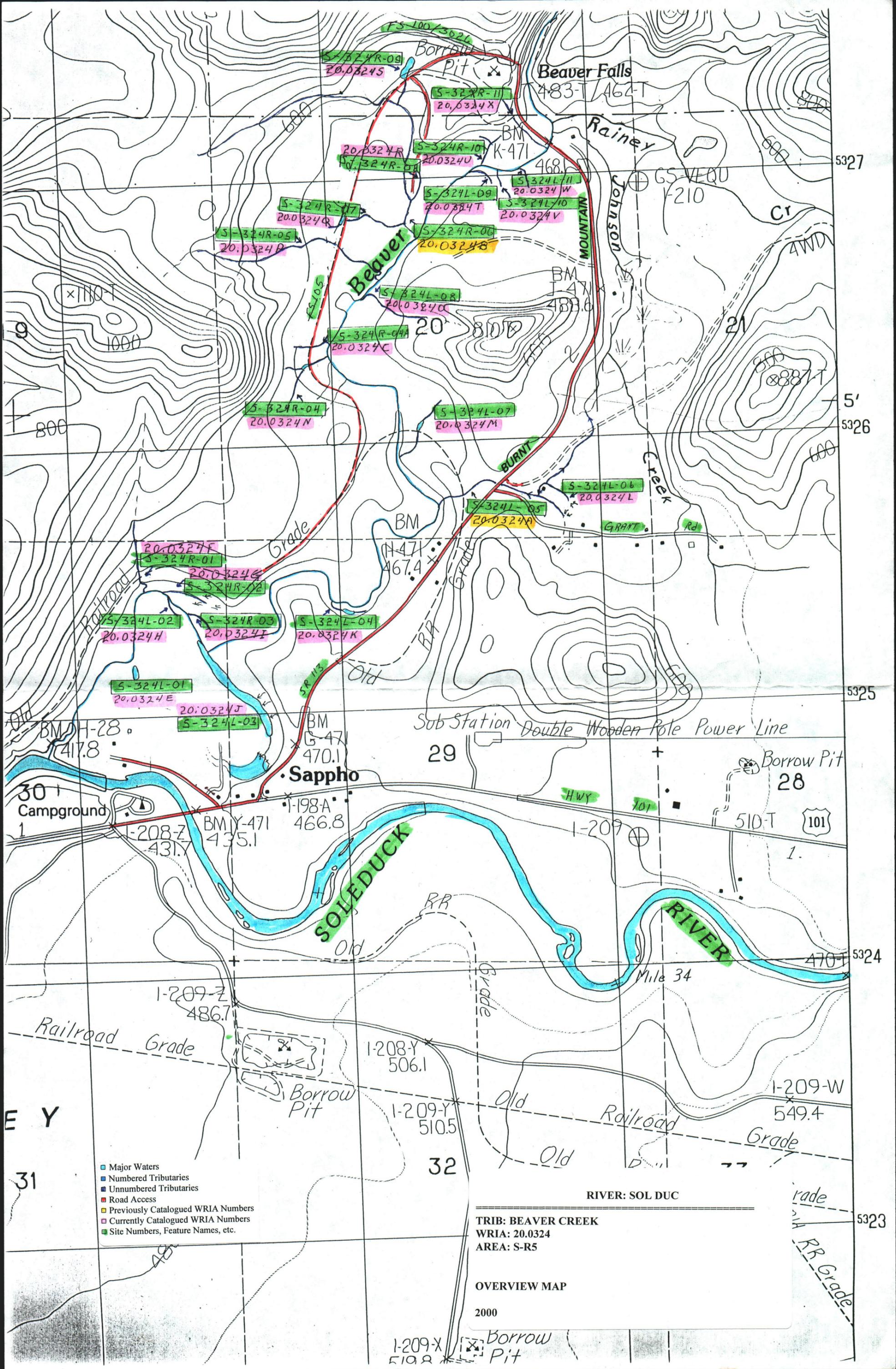


RIVER: SOL DUC

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