



**Total existing habitat area (est.):** 1150 m<sup>2</sup>

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

Impounded area: 800 m<sup>2</sup>

Other rearing area: 300 m<sup>2</sup>

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

**Describe spawning habitat:**

- The aggregate is small, somewhat angular, and has fines.
- It is limited to the lower 70 meters of the channel.

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

**Describe pond and other rearing habitat:**

- The channel lacks woody debris.
- It is shaded (50%) by vine maple and salmonberry.
- The lower two ponds are about one meter deep. They have some woody debris and aquatic vegetation.
- There is very little overhead shade. Ponds will be subjected to thermal warming.
- The stream channel has a gradient of 4%.

**Describe inaccessible habitat:** NA and receives ground water from

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

- This channel is part of a large complex wetland. The portion of the wetland it is associated with is scrub-shrub and marsh. 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 eight channels that drain from the wetland into the lower 500 m of Rainey Creek. There are four channels that drain into lower 400 m of Johnson 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

- May receive some overbank storage from Rainey Creek during high flow events.

**Fish Information:**

**Site entry condition to Rainey Creek (20.0325):**  Poor  Fair  Good

- Enters in a backwater eddy. During higher flows, the channel is back watered.

**Coho access and use:**

Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

- Unidentified juvenile salmonid were observed during the inventory. They appeared to be both young of the year and 1+ parr.
- Coho spawning has been documented for the mainstem of Rainey Creek.

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

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

**Habitat Improvements:**

**Enhancement opportunities:**

Possible project type

- Controls and fishway to replace broken beaver dams (poor access).
- Maintain the integrity of the channel and the overall wetland.

Equipment access: No

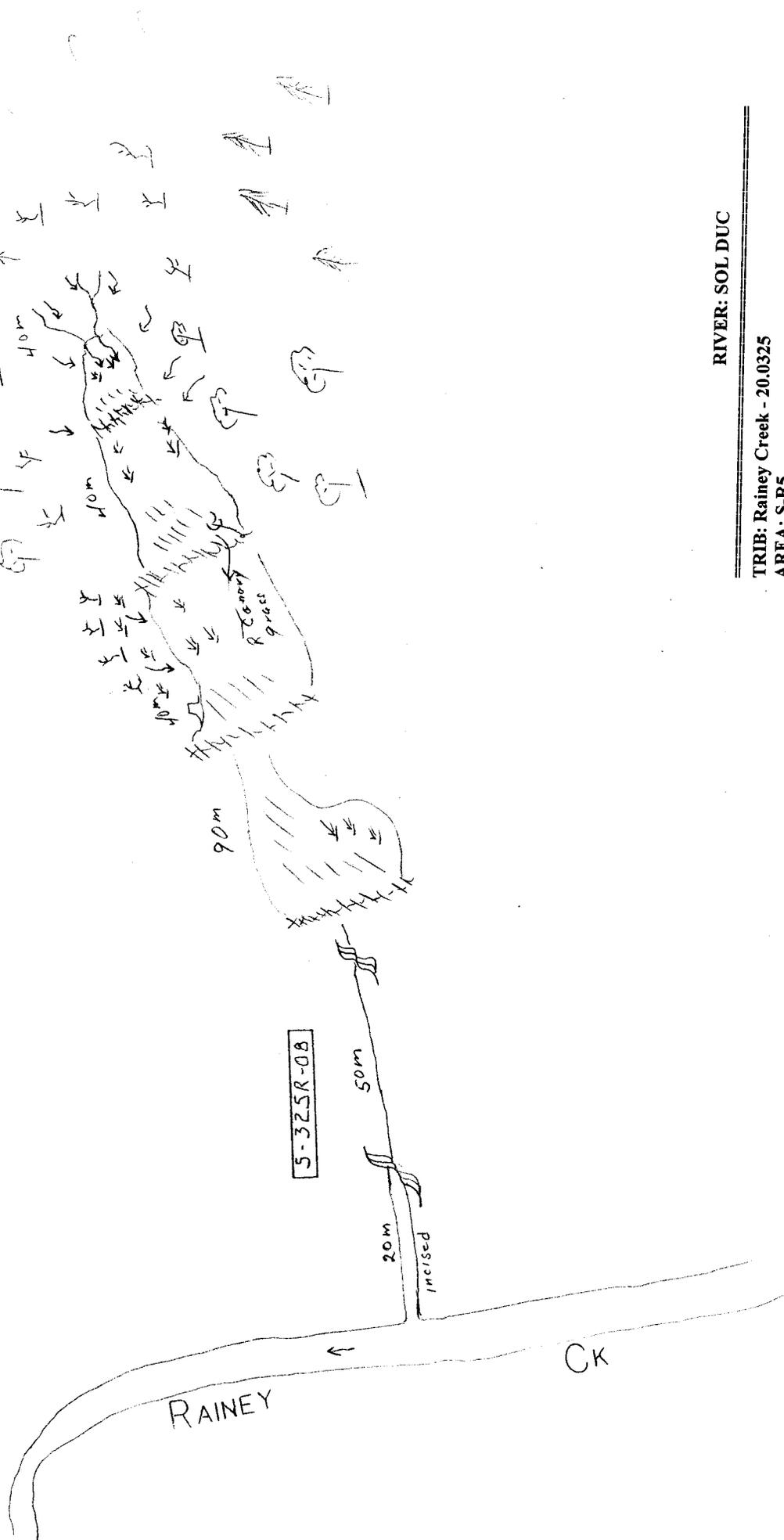
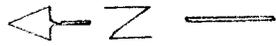
**Additional Comments:**

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

**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: Rainey Creek - 20.0325

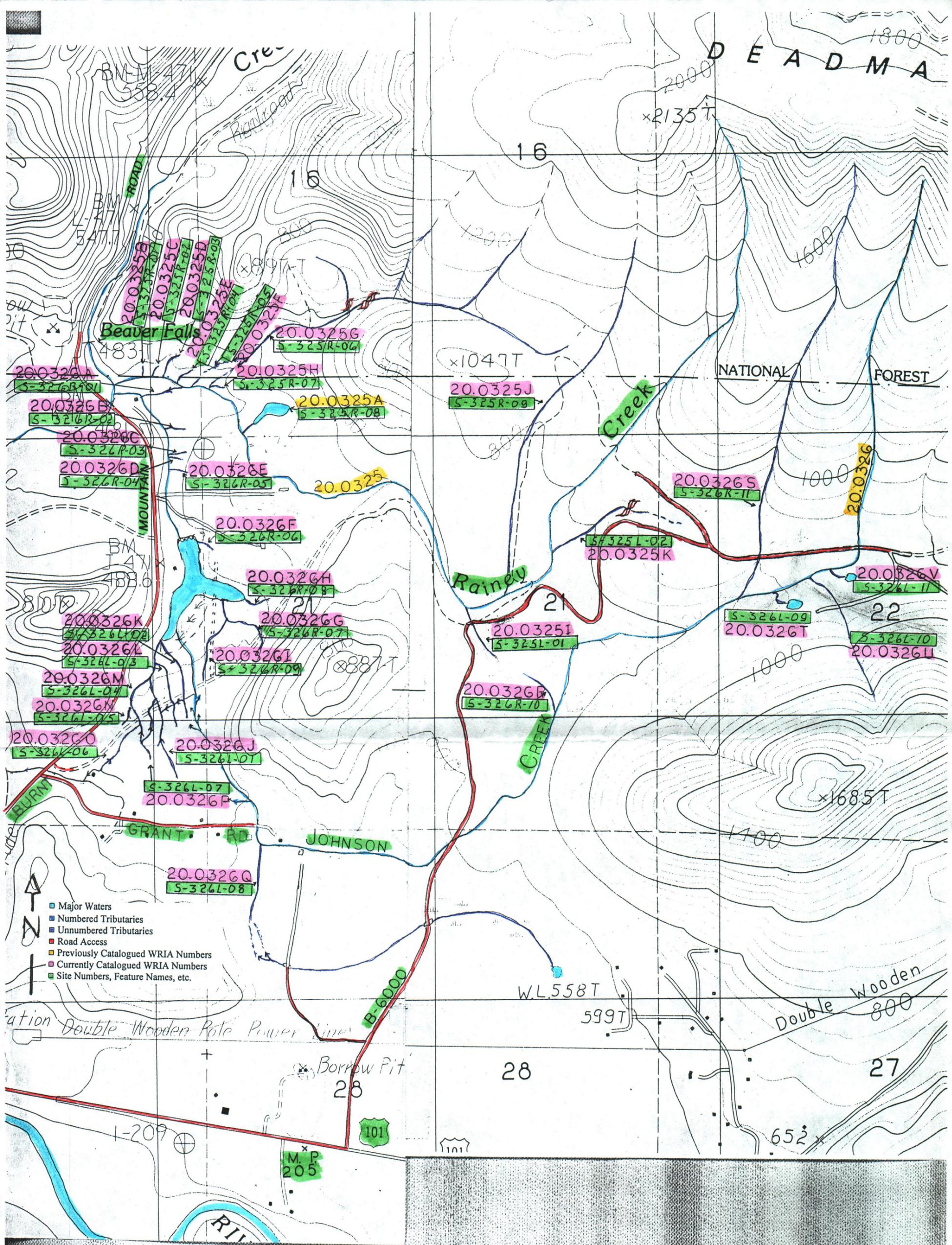
AREA: S-R5

SITE: S-32SR-08

WRIA: 20.0325A

NAMES: Donovan Marsh

DATE: 7/00

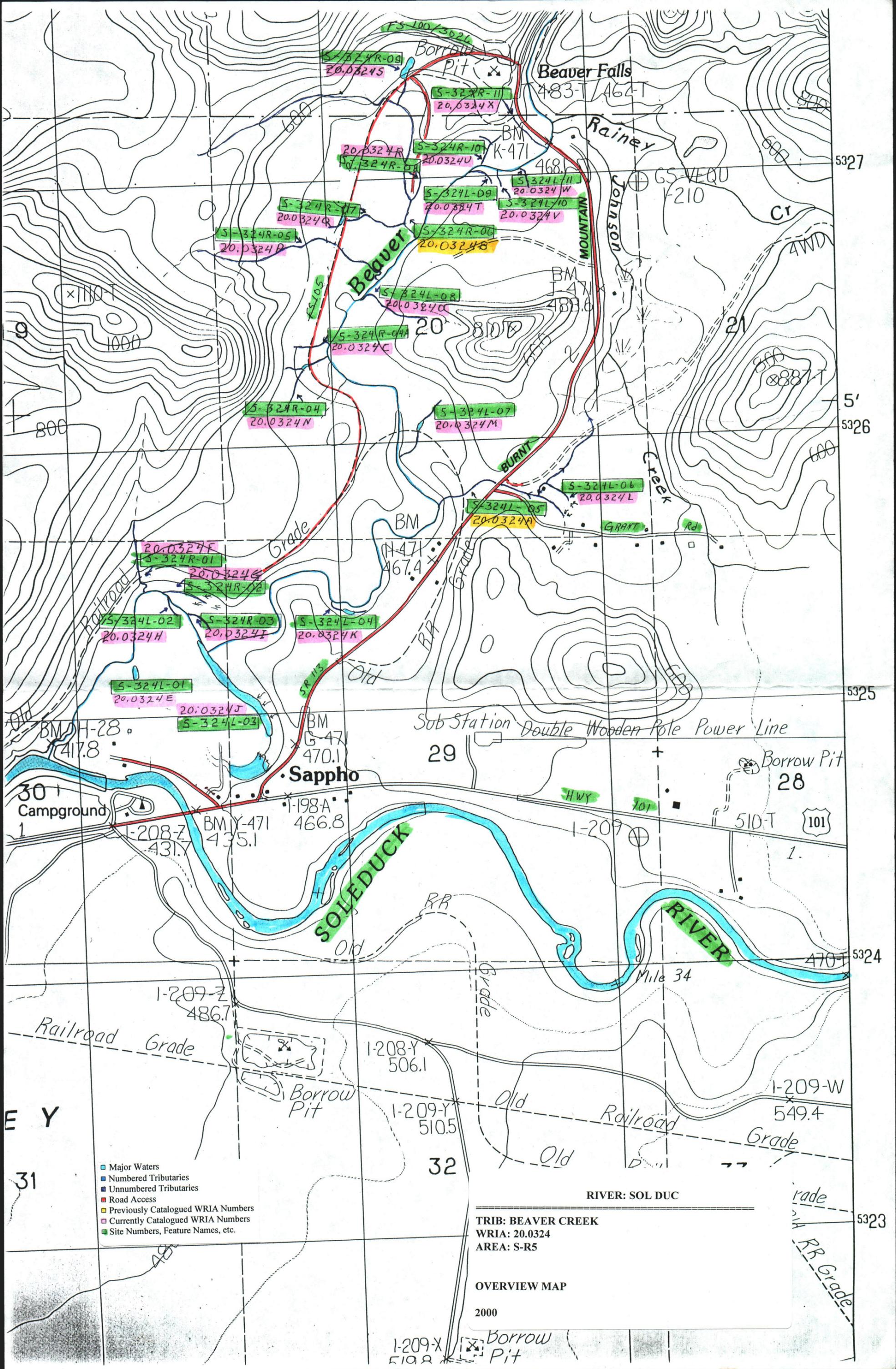


RIVER: SOL DUC

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  
 510.2  
 Borrow Pit