

Total existing habitat area (est.): 150 m²

Spawning area: 00 m²

Impounded area: 00 m²

Other rearing area: 150 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- No gravel available for spawning.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The water in the pond is dark. The pond is lined with sedges and spirea. Stumps, logs and other woody debris all provide cover.
- The channel has some woody debris and could benefit from some more. Aquatic vegetation and skunk cabbage also provide some cover.
- A 40 - 60-year-old deciduous/conifer stand provides 90% shade coverage in the lower reach.
- The upper reach has an open canopy due to marsh conditions. Deciduous trees and brush provide 30% canopy closure.
- The channel has a gradient of 2 - 4%.

Describe unaccessible habitat: NA

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- This channel drains about a quarter of a large wetland. This portion of the wetland is forested. The lower reach of the channel is 40 - 60 year old deciduous/conifer mix and the upper reach is predominantly brush and open marsh. It may form into a forested wetland in time.
- The overall dimensions of the wetland are approximately 700 m long and 300 m wide.
- This wetland complex is located in the middle reach of Johnson Creek. It is separated from the lower Johnson Creek/Rainey Creek wetland by a minor upland flat area. The saturation zones could very well be interconnected between the two creeks.
- Deciduous tree and brush species are the predominant shade providers 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.
- The forested wetland is the most dominant type of wetland in this complex.

Flooding potential: Low Medium High

Fish Information:

Site entry condition to S-326R-07 (20.0326G): Poor Fair Good

- This channel egresses into an impounded area of S-326R-07.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Numerous juveniles were observed during the survey.
- Coho spawning has been documented in the mainstem of Johnson Creek, below and above the wetland. There is no gravel in this channel.

- Other species access and use:** Chum Pink Sockeye Chinook Trout
- Trout were not identified during the survey. It is assumed that they use this channel.
- Trout were observed in the mainstem.

Habitat Improvements:

Enhancement opportunities:

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

Equipment access: No

Additional Comments:

- The Quileute Nation has a spawner index on the reach of Johnson Creek below the wetland and one above the wetland
- 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 checked="" type="checkbox"/> Maps | <input 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-326R-08
 Site Name: Winter Cr
 WRIA: X

DATE: 2/6-2/7/01

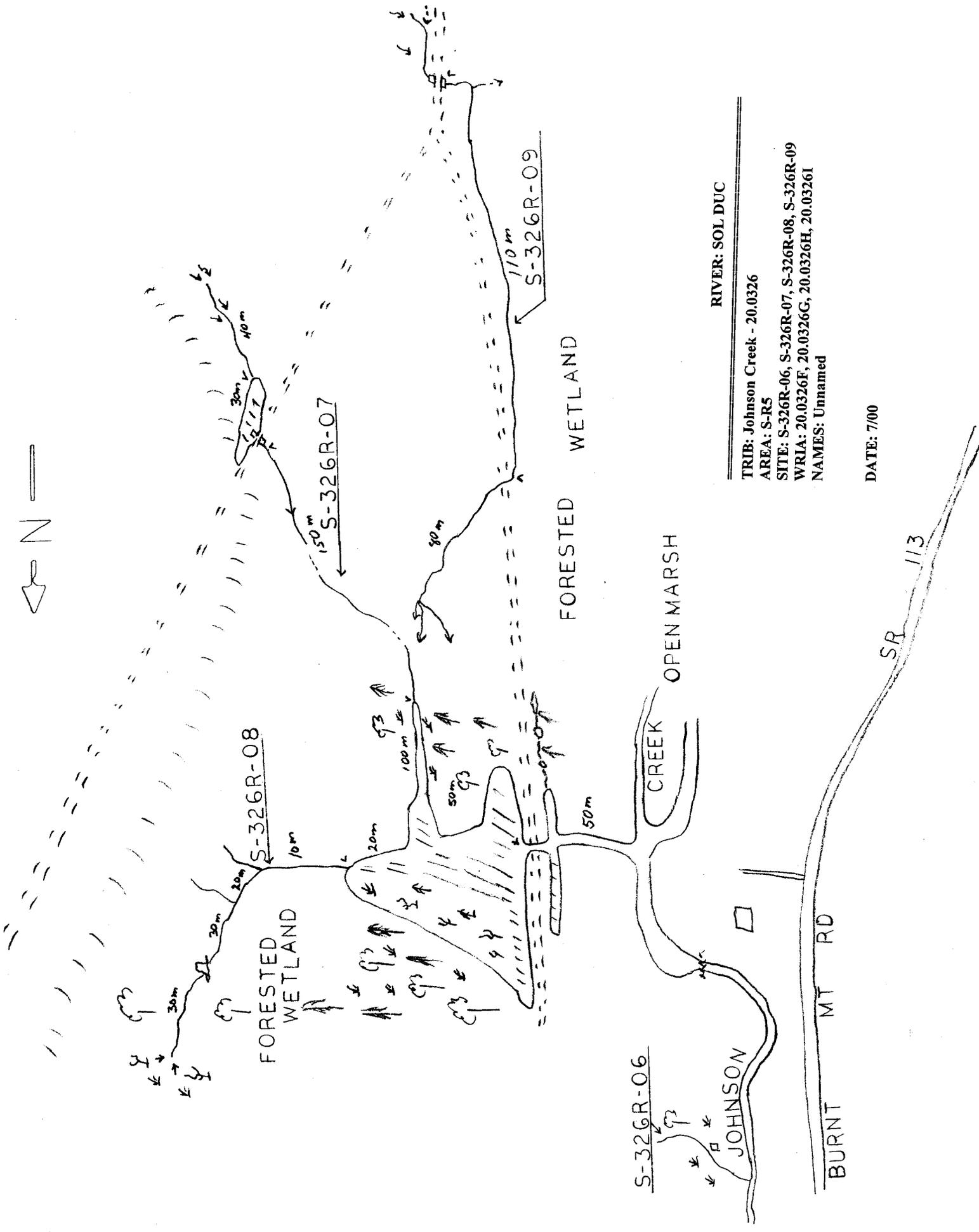
OBSERVER: Darrow/Nettnin

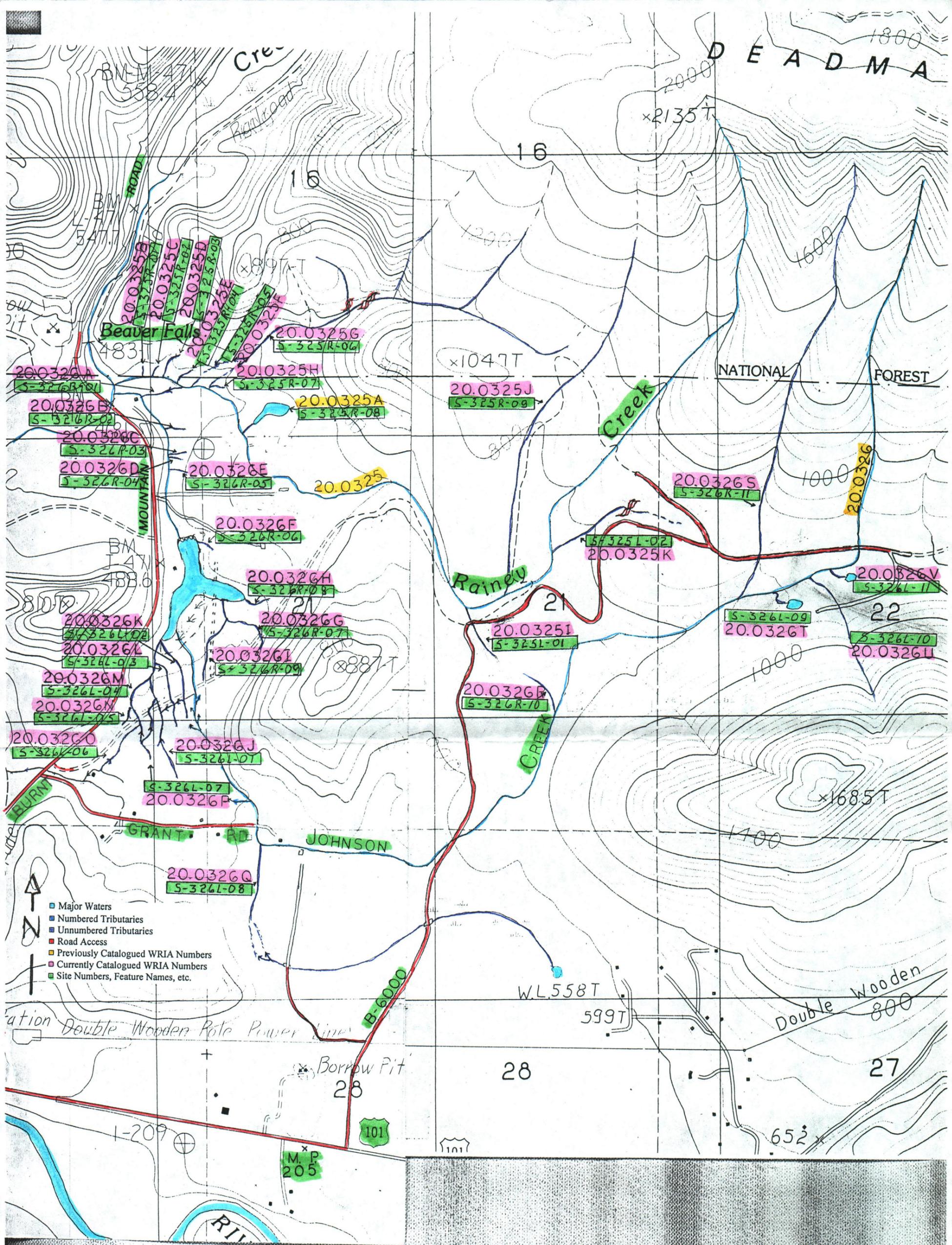
MINNOW TRAPPING REPORT

TRAP	DATE		DATE		COHO	CATCH			COTTID
	SET	TEMP	PULLED	TEMP		TROUT			
						RBT	CUTT	0+	
1	2/6	5.0°C	2/7	5.0°C	0	0	0	0	0
2	2/6	5.0°C	2/7	5.0°C	0	0	0	0	0
3	2/6	5.0°C	2/7	5.0°C	0	0	0	0	3
4	2/6	5.0°C	2/7	5.0°C	0	0	0	0	1
5	2/10	4.0°C	2/11	5.0°C	0	0	0	0	0
6	2/10	4.0°C	2/11	4.0°C	0	0	0	0	0
TOTALS:					0	0	0	0	4

COMMENTS:

- Trap 1 was placed above the culvert under the FS-B-6000.
- Trap 2 was placed below the culvert under the FS-B-6000
- Trap 3 was placed above the culvert under the lefthand road off FS-B-6000 at the power lines.
- Trap 4 was placed below the culvert under the lefthand road off FS-B-6000 at the power lines.
- Trap 5 was placed about 160 m above the confluence with Johnson Creek.
- Trap 6 was placed about 60 m " " " " " "
- All traps were baited with salmon roe.



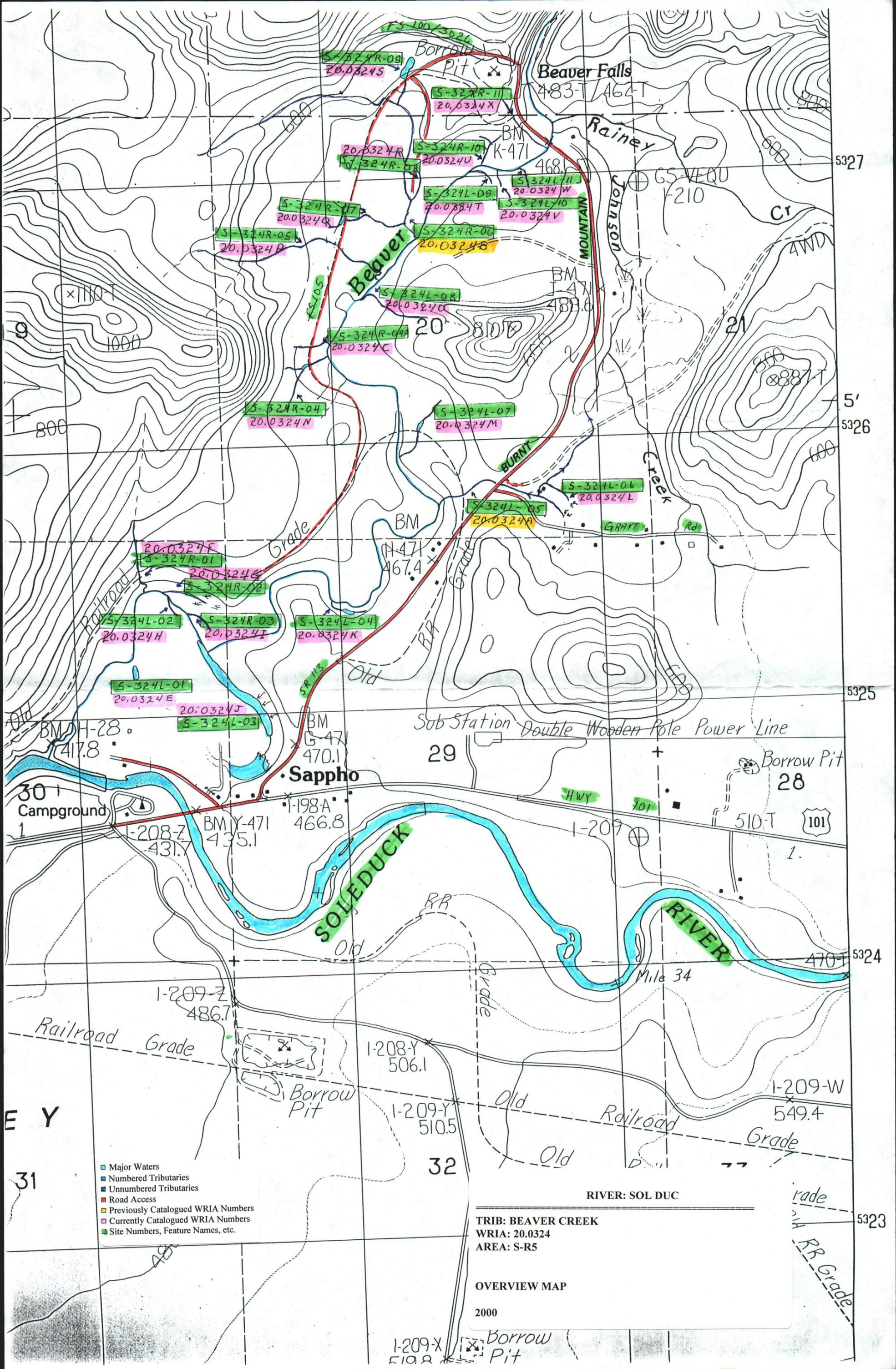


RIVER: SOL DUC

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