

**SITE INFORMATION**

<b>Site Identifier :</b>	NS1RB10	<b>Landowner Type :</b>	Private
<b>Site Name :</b>	Cottonwood Terrace	<b>Landowner Name :</b>	
<b>WRIA :</b>	05.0135X	<b>Address :</b>	
<b>Region :</b>	NS	<b>Address2 :</b>	
<b>Trib to :</b>	NF Stillaguamish R	<b>City :</b>	
<b>River Mile :</b>	2.50	<b>State :</b>	
<b>River System :</b>	NF Stillaguamish R	<b>Zipcode :</b>	
<b>Legal Description :</b>	SW1/4S30T32NR6E	<b>Phone :</b>	
<b>County :</b>	Shohomish	<b>Coordinates</b>	
<b>Habitat Type :</b>	terrace tributary	<b>East:</b>	1,612,066.00 <b>North:</b> 1,060,060.00

**Directions :**  
 Site is most easily accessed through the Pilchuck Tree farm gate off the Bracken road. You will need a key and a road map from them.

**Area Overview :**  
 Site is a small, low gradient surface stream fed by a large made made pond. Site offers a small amount of spawning habitat and a moderate amount of good rearing habitat.

**Field Survey Information**

**Date :** 3/27/03 **Observer :** Barkdull **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**  Spring  Groundwater  Surface runoff

**Flow:**  Intermittent  Year-round

**Estimated Flows (cfs):** Lower end:0.8  
 Upper end:0.8

**Water Temperature(C):** Lower end:7.8  
 Upper end:7.8

**Receiving Water Temperature (C):** 6.1

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination

Widths: Channel:1.3	Ponds:	Wetlands:
Depths: Channel:0.2	Ponds:	Wetlands:
Total length (includes ponds and wetlands):366		

**Total existing habitat area (est. m2):**409

Spawning area:	Mainstem:25	Tribs:	Total:25
Impounded area:	Mainstem:100	Tribs:	Total:100
Other rearing area:	Mainstem:309	Tribs:	Total:309
Unaccessible habitat:	Mainstem:	Tribs:	Total:

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

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: Spawning gravel is small with a high degree of fines mixed in.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: Channel is low gradient with three small beaver dams and a silty bottom in the lower 197 meters. Site is very brushy in this reach with limited forest canopy. Substrate changes to gravel and gradient increases to two percent up to the old railroad grade. Above the grade substrate is mostly sandstone bedrock with the gradient increasing up to a 1.6 meter barrier falls at 366 meters. This reach is forested with mixed older second growth.

Describe inaccessible habitat: A very large manmade pond is located upstream approximately 500 meters.

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: The lower half of the site is backwatered during high river events but the upper part of the site is well protected from the river.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: Site is backwatered at the mouth.

Coho access and use: Juvenile  Unknown  None  Poor  Fair  Good  
Adult  Unknown  None  Poor  Fair  Good

Describe: Juveniles were present in large numbers throughout the system. Limited adult use is probable but unknown.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Trout use is probable.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

#### ADDITIONAL COMMENTS

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

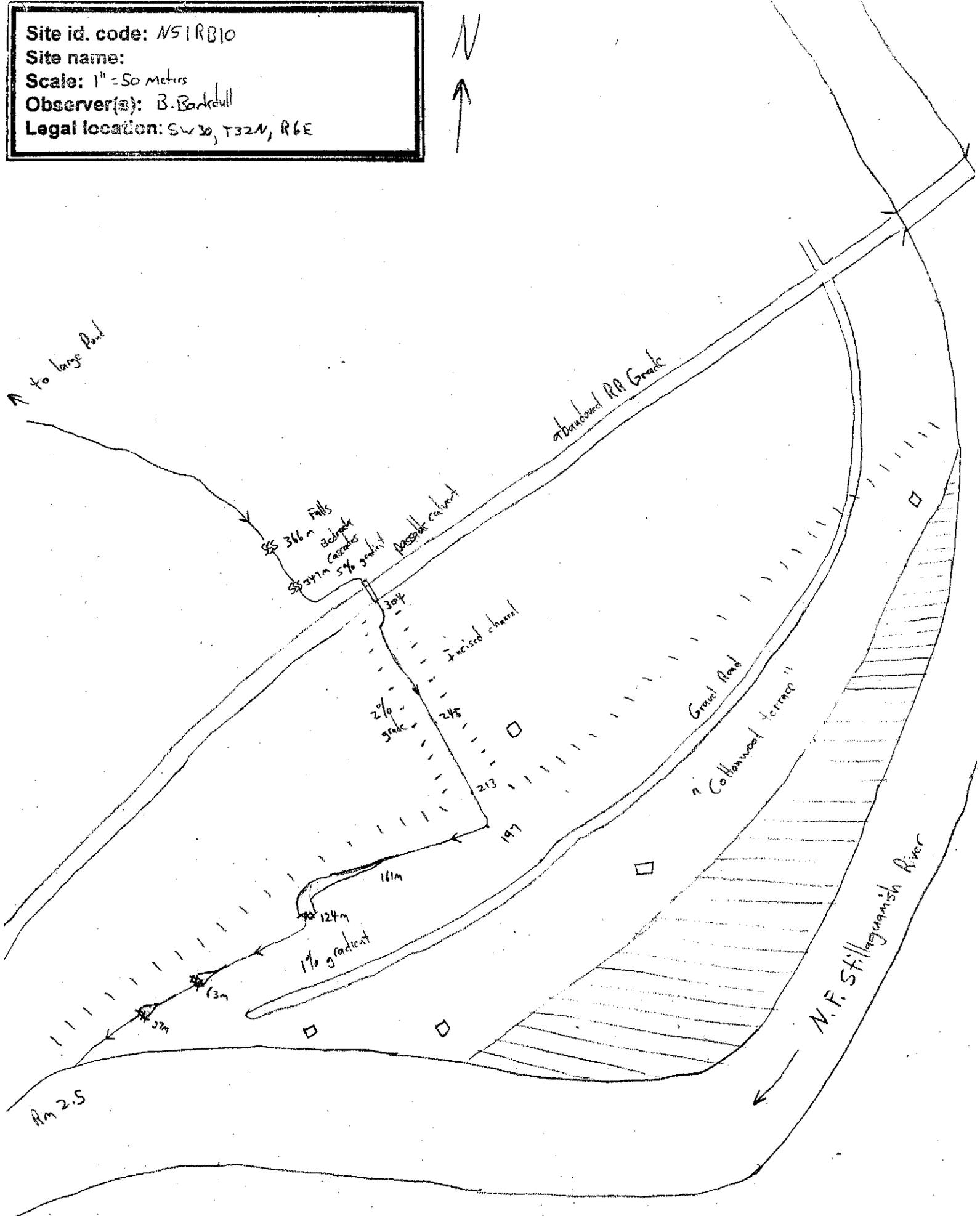
Site id. code: NS1RB10

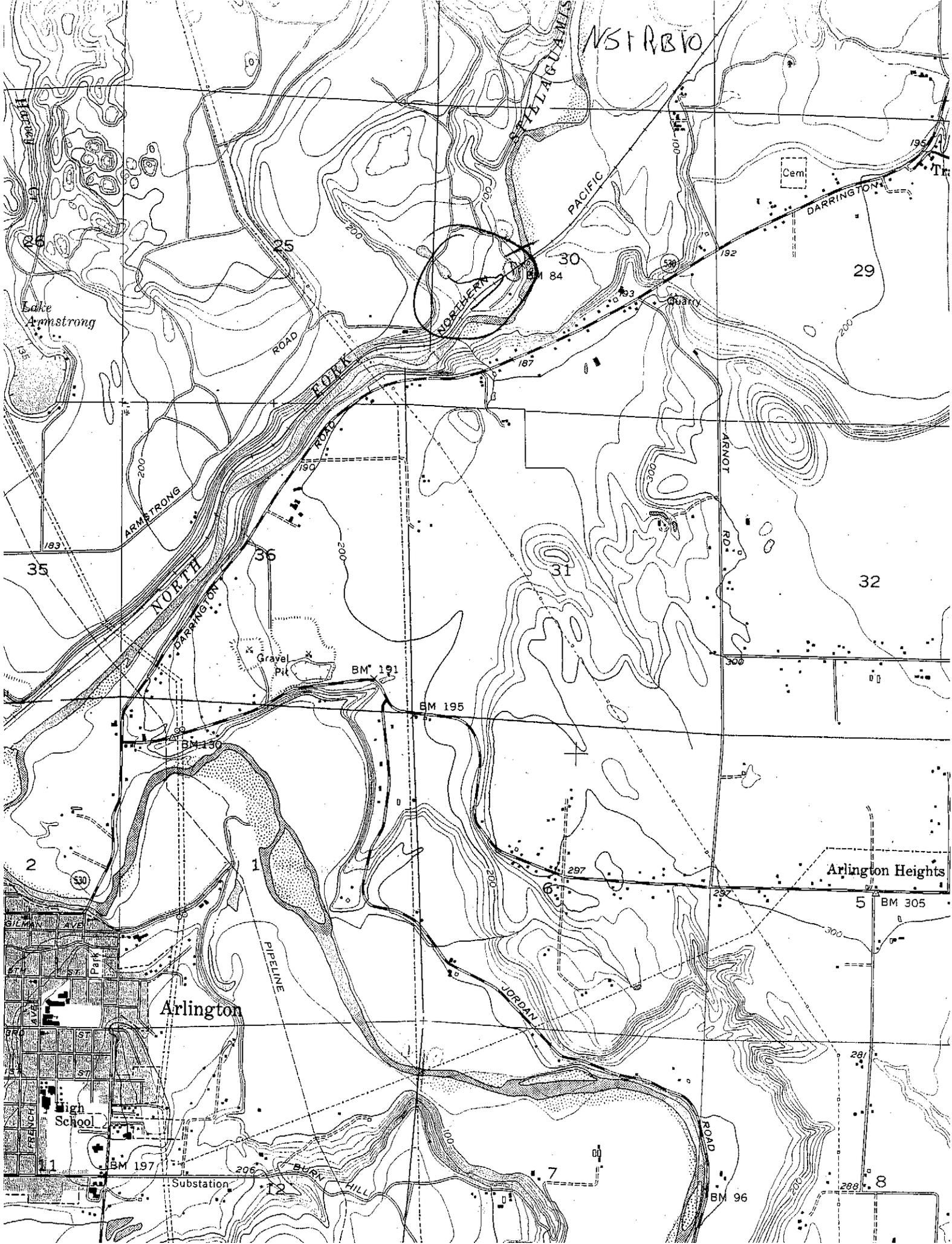
Site name:

Scale: 1" = 50 meters

Observer(s): B. Bankdull

Legal location: SW 30, T32N, R6E





NSIRBIO

Lake Armstrong

Cem.

Quarry

Arlington

Arlington Heights

High School

Substation

BURY HILL

JORDAN

PIPELINE

PACIFIC

NORTHERN

NORTH DARRINGTON

ARNOT RD.

ROAD

ROAD

ROCK

35

36

31

32

2

1

6

5

11

12

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8/25/03 M.F. skilly job on RB  
 Pitlands t.f. Beaver holdings  
 46°, 43° Area "Cottonwood Terrace"

6

- 37 1.4 mud Bottom 1% Sm Beaver Dam
- 63 1.3 " Sm Beaver Dam
- 124 1.3 " "
- 161 2.2 " Narrowing <sup>tbl</sup> example
- 197 1.1 Per gravel starts
- 213 1.2
- 245 1.3 2% gradient patch gr
- 304 1.3 Culvert
- 318 upper end culvert
- 347 Bed Rock cascades 1.1 m
- 366 1.5 falls 1.5 m

25 m total of Habitat

NS1RB10  
 SW 30 T32N R6E  
 RM 2.5  
 X 1612066  
 Y 1060060

