

SITE INFORMATION

Site Identifier :	NS1LB2	Landowner Type :	Private
Site Name :		Landowner Name :	
WRIA :	05.0137X	Address :	
Region :	NS	Address2 :	
Trib to :	Trafton Cr	City :	
River Mile :	1.35	State :	
River System :	N F Stillaguamish R	Zipcode :	
Legal Description :	SE1/4S29T32NR06E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	terrace tributary	East:	1,618,611.00 North: 1,058,818.00

Directions :

Go east of Arlington on HWY 530 to 119TH St. on the right (which is 0.5 miles east of Arnot RD). Go 0.1 miles on 119TH to 121ST St on the left. Turn left and go 0.5 miles to a culvert and Trafton Cr. Hike upstream on Trafton Cr for 122 meters to the site.

Area Overview :

This trib is low-gradient throughout and can potentially provide 1260 square meters of excellent rearing habitat. Coho are presently unable to access this site because of the barrier culvert under HWY 530.

Field Survey Information

Date : 4/2/02 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

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

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

Receiving Water Temperature (C):

Other Observations:

Site Area Measurements: Indirect Direct Combination
Widths: Channel: 1.2m Ponds: Wetlands:
Depths: Channel: 16cm Ponds: Wetlands:
Total length (includes ponds and wetlands): 830m

Total existing habitat area (est. m2):	1276				
Spawning area:	Mainstem: 17	Tribs:		Total:	
Impounded area:	Mainstem: 1259	Tribs:		Total:	
Other rearing area:	Mainstem:	Tribs:		Total:	
Unaccessible habitat:	Mainstem:	Tribs:		Total:	

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: The spawning habitat area was taken from the physical stream survey completed by Till/Thompson (file# 991159B.WB3).

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Within the initial 50 meters of the site, there is a small man-made pond with a landscaped lawn on the right bank. Upstream of this pond, the stream is mostly slow-moving and pooled, has a muddy substrate, and there is heavy brush along the banks. It also flows through a small cattail marsh area where the channel is sometimes braided and there is some skunk cabbage present.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: This site is located on an upper terrace of the N F Stillaguamish R.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: The site is pooled at the entry area but there is a small, man-made rock bar across the channel that may hinder juvenile fish access during low flow periods.

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

Describe: Coho are unable to access this site because of the barrier culvert under HWY 530.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Juvenile trout were observed during the survey.

ENHANCEMENT OPPORTUNITIES: Remove culvert and rock bar at the lower end of the site and do some tree plantings in this area.

Project type:

Equipment access:

ADDITIONAL COMMENTS: Repairing the culvert under HWY 530 would allow coho to access this site. A physical stream survey was completed by Till/Thompson on 2/15/01 (see file # 991159B.WB3). There is a small dam and culvert in this site that can be found in the culvert inventory. The site ID # are 992650 and 994087.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

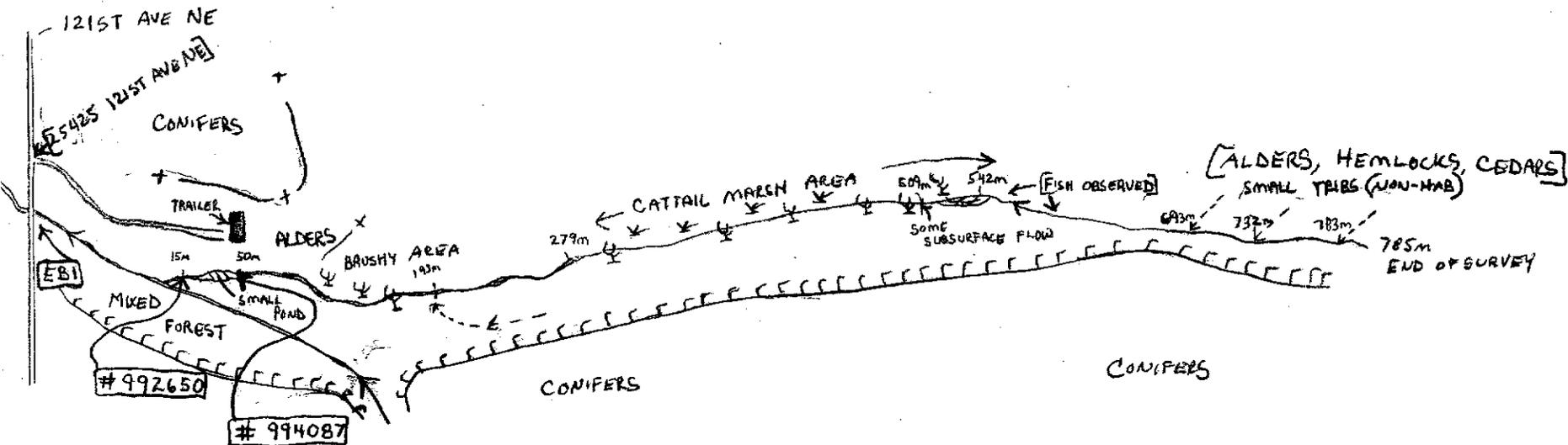
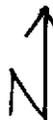
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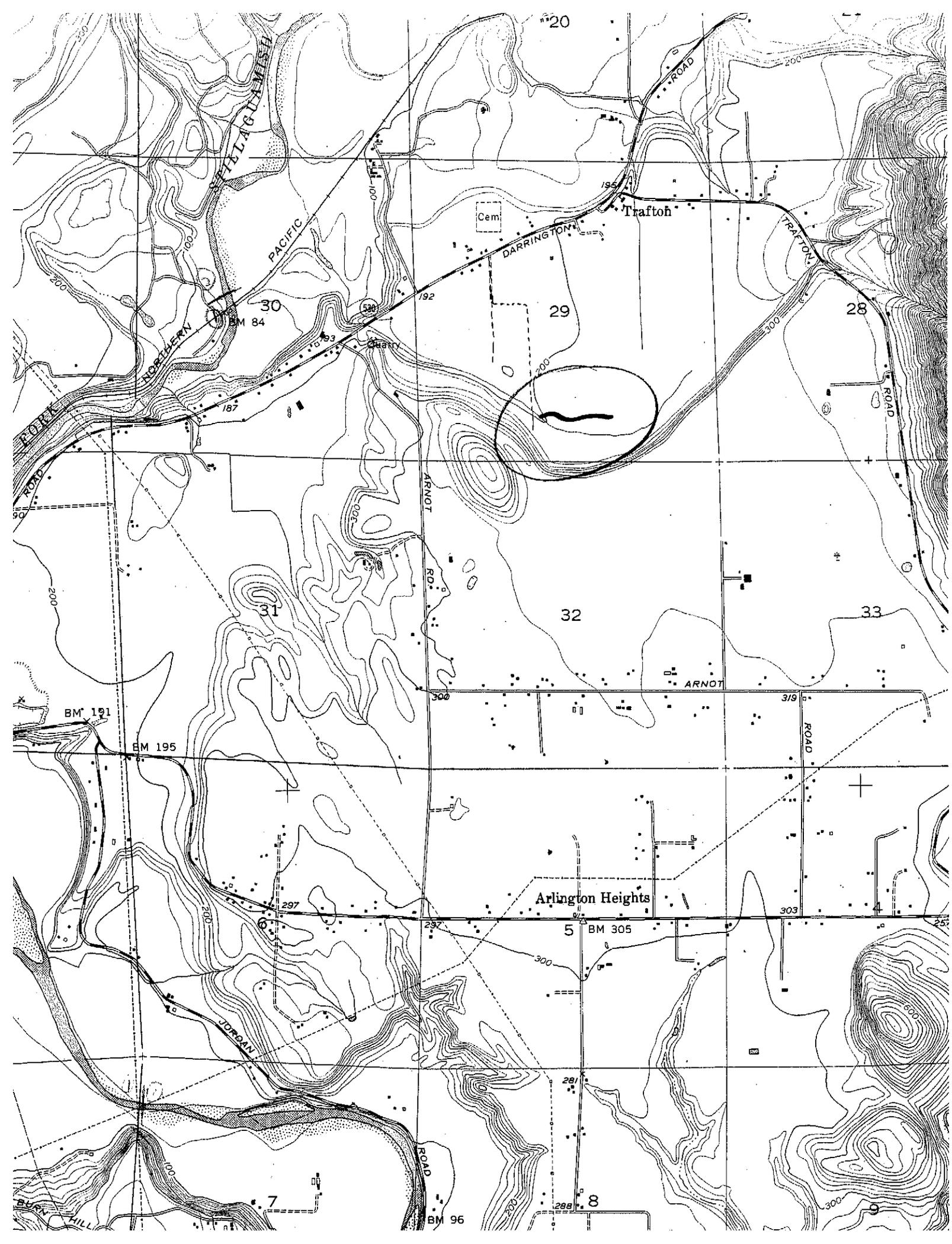
Site name:

Scale: 1" = 100M

Observer(s): OLS

Legal location: SW 1/4 S29 T32N R06E





IN>12132

RM 0.00 1.95

* S 1/4 S 29 T 32 N R 06 E

WDFW-SSHEAR PHYSICAL SURVEY OF POTENTIAL HABITAT
UPSTREAM SURVEY COMMENTS

Stream Name:	Unnamed (RB trib B)	Date:	02/15/01	X-1618611
Tributary To:	Unnamed to NF Stillaguamish	Observer(s):	Till / Thompson	
WRIA #:	05	Section surveyed:	RB trib entering 1200 m upstream Site 991159	Y-1058818
Sample Frequency:	30/160			

Hip Chain Comment

REACH#1

- 0 BEGIN SURVEY AT CONFLUENCE TIIB #B & CONFLUENCE UNNAMED TO NF STILLAGUAMISH R. GPS'ED. SHORT STRETCH
POOL HABITAT BEFORE DAM (APPROX. 15M) mR. FLOOD'S PROPERTY. RB DREDGINGS
- 15.1 DAM GPS'ED, PHOTO. 992650 67% passable
- 22.2 CHANNEL LINKS TO MAIN BODY OF POND
- 50.4 US END OF POND, DS END OF CULVERT
- 56.3 US END CULVERT 994087 67% passable

REACH#2

- 56.3 BEGIN
- 115.3 RB TRIB <20% MS FLOW, DENSE SALMONBERRY, FEW ALDERS, CEDARS, 100% SANDY BOTTOM
- 193.6 LB TRIB <20% MS FLOW
- 214.9 END REACH#2

REACH#3

- 214.9 BEGIN
- 279 RB TRIB <20%, START OF CATTAIL MARSH
- 438 SEEN FISH
- 509 SUBSURFACE FLOW
- 516.7 STREAM NOT SUBSURFACE, BRAIDS
- 517 STREAM GOES UNDER LARGE STUMP/ROOTWAD
- 542 SAW FISH
- 600 SAW FISH. IN THIS REACH TERRAIN CHANGED FROM MARSH TO SIDE HILL W/CEDARS, ALDERS, HEMLOCK. POCKETS OF GRAVEL PRESENT.
- 693 RB TRIB <2' NOT FISH BEARING
- 732 RB TRIB <2' NOT FISH BEARING
- 783 RB TRIB <2' NOT FISH BEARING
- 785 STOP
- 830 END OF SURVEY

SPRINT DOOR
SHALLOW
2.75m

(1.8m SILTY/SUB) FLOWING - R.R.S. 1/4

stream under / under 100% =

SHALLOW
SANDY

**WOF&W - ESHEAR
PHYSICAL SURVEY OF POTENTIAL HABITAT (Ver. 4)**

Stream Name:	Unnamed (RB trib B)	Date:	02/15/01
Tributary To:	Unnamed to NF Stillaguamish	Observer(s):	Till / Thompson
WRIA #:	05	Section surveyed:	RB trib entering 1200 m
Sample Frequency:	30/160		upstream Site 991159
Survey Method:	4	File:	991159B.WB3

Summary of Information - Total Stream Length

Total Length Surveyed:	830.00 m	Tot. Length Culverted:	6.53 m
Total Length Sampled:	194.90 m	Percent of Stream Length	
Percent Sampled:	23.48 %	Culverted:	0.79 %

Measured Pool Area:	599.76 m²	Total Spawning Area: 17.80 m²
Measured Riffle Area:	309.57 m²	
Measured Rapid Area:	0.00 m²	
Measured Pond Area:	367.12 m²	
Total Measured Stream Area:	1276.45 m²	

POOL : RIFFLE : RAPID : POND RATIO (%)

Pool= 46.99 Riffle= 24.25 Rapid= 0.00 Pond= 28.76

PRODUCTION AREA CALCULATIONS

	Socketeye	Chum	Pink	Coho	SR Cutthroat	Chinook	Steelhead	Res CT/RB	Bull	Brook	Brown
Reach 1	0.00	0.00	0.00	245.97	245.97	0.00	245.97	245.97	245.97	0.00	0.00
Reach 2	0.00	0.00	0.00	422.39	422.39	0.00	422.39	422.39	422.39	0.00	0.00
Reach 3	0.00	0.00	0.00	419.76	419.76	0.00	419.76	419.76	419.76	0.00	0.00
Reach 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total area*	0.00	0.00	0.00	1088.12	1088.12	0.00	1088.12	1088.12	1088.12	0.00	0.00

* Spawning habitat used for sockeye, chum and pink, rearing used for all other species.

ADJUSTED PRODUCTION AREAS

	Socketeye	Chum	Pink	Coho	SR Cutthroat	Chinook	Steelhead	Res CT/RB	Bull	Brook	Brown
Reach 1	0.00	0.00	0.00	217.54	217.54	0.00	217.54	244.67	244.67	0.00	0.00
Reach 2	0.00	0.00	0.00	373.56	373.56	0.00	373.56	420.15	420.15	0.00	0.00
Reach 3	0.00	0.00	0.00	371.23	371.23	0.00	371.23	417.53	417.53	0.00	0.00
Reach 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reach 10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total area*	0.00	0.00	0.00	962.33	962.33	0.00	962.33	1082.35	1082.35	0.00	0.00