

**SITE INFORMATION**

<b>Site Identifier :</b>	NS1RB6	<b>Landowner Type :</b>	Private
<b>Site Name :</b>		<b>Landowner Name :</b>	Unknown
<b>WRIA :</b>	05.0139X	<b>Address :</b>	
<b>Region :</b>	NS	<b>Address2 :</b>	
<b>Trib to :</b>	05.0139	<b>City :</b>	
<b>River Mile :</b>	0.80	<b>State :</b>	
<b>River System :</b>	NF Stillaguamish R	<b>Zipcode :</b>	
<b>Legal Description :</b>	SE1/4S13T32NR5E	<b>Phone :</b>	
<b>County :</b>	Snohomish	<b>Coordinates</b>	
<b>Habitat Type :</b>	lower valley wall tributary	<b>East:</b>	1,609,527.00 <b>North:</b> 1,071,086.00

**Directions :**

From the intersection of Grandview Road and East Scouten Loop Road in Bryant, go east on Grandview Road for 0.15 miles to where this site crosses under the road.

**Area Overview :**

This is an intermittent trib that flows into trib 05.0139 which has known coho and sea run cutthroat trout use. Although no fish were observed on the day of the survey, this site can potentially provide 2207 square meters of habitat with the exception of the late summer months.

**Field Survey Information**

**Date :** 3/11/03 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**  Spring  Groundwater  Surface runoff

**Flow:**  Intermittent  Year-round

**Estimated Flows (cfs):** Lower end: 0.5  
Upper end:

**Water Temperature(C):** Lower end: 6.7  
Upper end:

**Receiving Water Temperature (C):** 6.7

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination

Widths: Channel: 1.1 Ponds: Wetlands:  
 Depths: Channel: 0.15 Ponds: Wetlands:  
 Total length (includes ponds and wetlands): 2183

**Total existing habitat area (est. m2):** 2207

Spawning area:	Mainstem: 20	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 552	Tribs:	Total:
Unaccessible habitat:	Mainstem: 1635	Tribs:	Total:

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: The accessible spawning habitat is located downstream of Grandview Road. The gravel size ranges from 1" to 4"; except for the reach that flows through a pasture, there is good brushy and overhead cover throughout; and there is a fair amount of pooled habitat present but it is mostly riffled.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: The accessible habitat is located downstream of Grandview Road. The section between 256 meters and 387 meters is in a pasture with no vegetation on the banks and averages 7% grade. The rest of the habitat downstream of Grandview Road ranges between 3% and 5% grade; has good brushy and canopy cover; and there is a fair amount of pool/riffle habitat present.

Describe unaccessible habitat: The habitat upstream of Grandview Road is unaccessible because of the culvert at this crossing. The initial 150 meters upstream of Grandview Road flows along side of a cleared lot but has good brushy cover and small tree cover. Upstream of this point, the stream is in a small forested draw, is 5% grade, and has some cobble and gravel present in the substrate. From 971 meters and 1375 meters, the stream is bordered by a clear cut on the right bank. It is mostly mud-bottomed and the stream gradient ranges from 3% to 6%. From this point to the end of the survey, the stream is low-gradient with skunk cabbage and water parsley present.

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: There is no threat from the mainstem during flood events.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is a small eddy pool present at the entry area, however at 22 meters, there is a small hardpan chute through tree roots that would be a difficult access during certain flows.

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

Describe: Although there were no fish observed during the survey, this site can be accessed and utilized by coho juveniles and adults.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: This site is directly connected to trib 05.0139 which has known trout and coho use.

ENHANCEMENT OPPORTUNITIES: Repairing the culvert crossing (SH22) under Grandview Road would allow fish access to the 1711 meters of habitat upstream. There is also a private dam (SH30) at 1619 meters that blocks fish access to 564 meters of habitat upstream. This dam repair may not be feasible pending on how intermittent the upper end of this stream is.

Project type:

Equipment access:

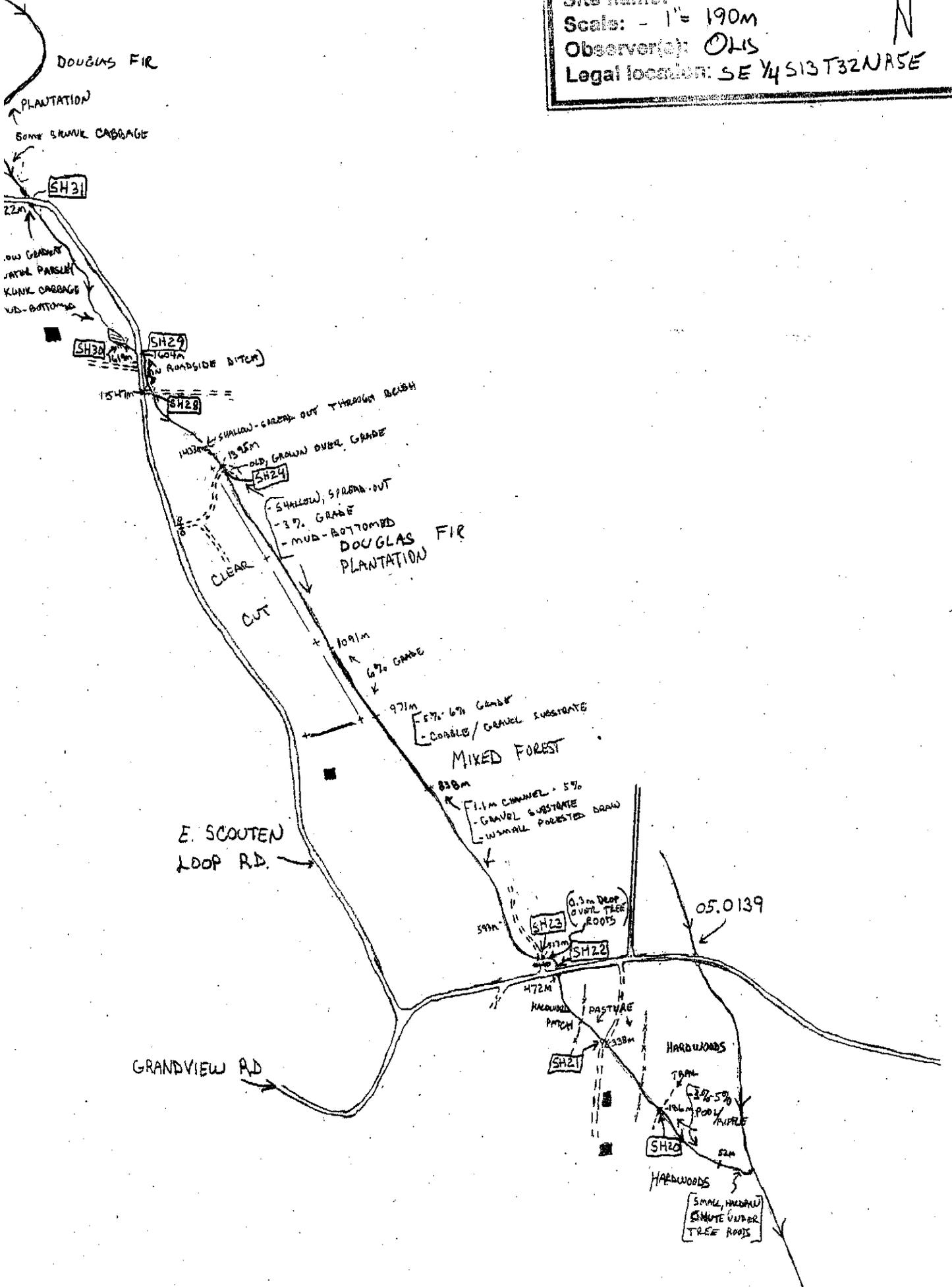
ADDITIONAL COMMENTS: At 22 meters, there is a small hardpan chute under some tree roots that would make fish access difficult under certain flows. At 514 meters is a 0.3 meters drop under a cedar tree that would make fish access difficult under certain flows.

ATTACHMENTS AVAILABLE

Aerials     Sketch     Maps     Spawning Surveys     Juvenile Trapping  
 Other References

103m  
BLACK FLEX PIPE (0.44m)

Site id. code: NS1RB6  
Site name:  
Scale: - 1" = 190m  
Observer(s): OHS  
Legal location: SE 1/4 S13 T32 N15E



DOUGLAS FIR  
PLANTATION  
SOME SWAMP CABBAGE

SH31

LOW GROUND  
JAPANESE PARSLEY  
KUNK CABBAGE  
MUD-BOTTOMED

SH32

SH29

SH28

SHALLOW - GROWN OUT THROUGH DEBRIS  
OLD GROWN OVER GRADE

SH24

SHALLOW, SPRAWL-OUT  
- 3% GRADE  
- MUD-BOTTOMED  
DOUGLAS FIR  
PLANTATION

CLEAR  
CUT

1091m  
6% GRADE

971m  
5% - 6% GRADE  
- COBBLE / GRAVEL SUBSTRATE  
MIXED FOREST

838m  
1.1m CHANNEL - 5%  
- GRAVEL SUBSTRATE  
- SMALL POCKETED DRAW

E. SCOUTEN  
LOOP RD.

SH23

SH22

05.0139

GRANDVIEW RD.

472m  
HARDWOOD PATCH  
PASTURE  
4538m

SH21

HARDWOODS

70m

3% - 5%  
MUD POOL

SH20

52m

HARDWOODS

SMALL HARDWOOD  
SHADE UNDER  
TREE ROOTS

NSIRB6

5351  
5350  
5349  
5348  
5347  
5346  
5345  
30000

35  
30  
2  
12  
14  
13  
321

T33N SKAGIT CO  
T32N SNOHOMISH CO

Mount Washington

Ball Mt. 2698

Simmons

Rock

Creek

Trans Lines

Quarry

NW 1/4 52

R5E  
R6E 41

2852

2851T

2766T

2892T

693T

7

782T

628T

562T

577

380T

18

400

1600-32

1450T

1800

2200

35

31

30

5348

5347

5346

5345

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NSIRB6

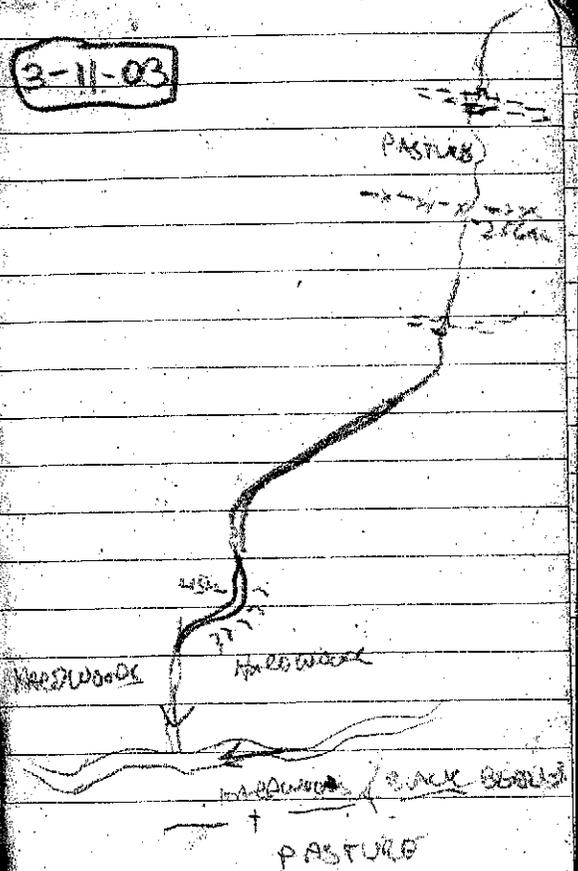
RM 0.0

SE 1/4 S13 T32N R05E

X- 1609527

Y- 1071086

3-11-03



0.0 bank

Flow 0.5 cfs

weeds - small body p.

WT 44°

RWT 44°

16m ww

- RIFLES - GP/COBBLES

- HEAVY ROCK BED

22m ww

- @ SMALL WEEDS - GP

SHOALS - TROB ROCKS

52m ww

POOL/RIFLE END

51m @ old log  
WOODEN BRIDGE REMAINS  
TRIP ON TOP - 2nd

123m w/w l.1  
- 5% MOSTLY RIPPLE  
- COBBLE / GRADE  
- BRANDED IN PLACES  
2nd

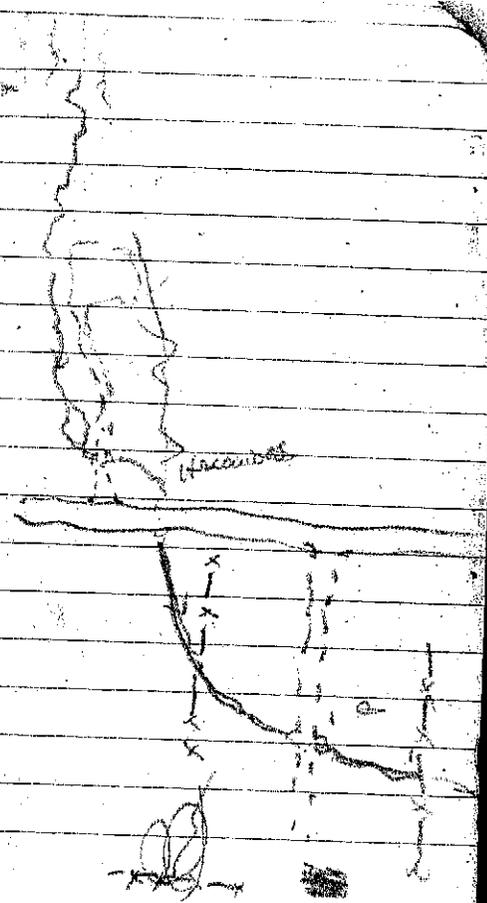
186m w/w l.1  
- 6m<sup>2</sup>  
3-4% POOL RIFER  
@ CULVERT

189m UPSTREAM END OF PIPE

256m w/w l.1  
- 7%  
- COBBLE / CL.  
- SOME STEEP POOLS  
@ PASTURE & FOLS CAN

338m w/w 0.8m  
- PASTURE  
- 3.5% GRADE  
- COBBLE, SAND, GRAVEL  
- @ CULVERT

387m w/w 0.6m  
- MOSTLY RIPPLE THROUGH  
PASTURE  
IN HARROWING ROW



472m wwd 1m

- ~~blackberry~~ & Blackberry
- 3.5% - 90% / 10%
- 10m
- $\odot$  CURVATURE of County Road

482m wwd 1m END of PIPE.

517m wwd 0.9m

- mud - 2m<sup>2</sup> GARDEN
- GOOD BEES
- $\odot$  DENSITY of CURVATURE
- 0.3m DEEP JUST OBSERVATION OF PIPE & UNDER. CROWN TREE - DIFF. ACCESS

563m UPSTR END OF  
CULV.

563 m ww 1.5 m  
BRUSH  
MUD-DEPOSITED

593m ww 1.1m

BRUSH  
SANDY FINE GRAVEL  
MUD

26+75 ww 1.3m  
5% MUD DEPOSITED

① DOWNSTREAM COLL. OF  
FACTORY

- 1.1 m ww - 5%  
- GRAVEL SUBSTRATE  
- IN SMALL POLOSITS  
DRAW

② CLARIFICATION CANAL  
ww - 1.2

- 5-6%  
- GRAVEL / COBBLE

~ 100-150M

- ww 1m - 6%

GRAVEL / COBBLE

FLOOR MADE CLC

150

- 1/2 m

- spread out - slow walk

- mud-bottom

- 3%

~ 70 m to

@ old grade of  
culvert

- slow-mud

- mud-bottom

(above system of culvert)

- spread out - slow walk

- mud-bottom - heavy dirt  
water

