

SITE INFORMATION

Site Identifier :	PI2RB12	Landowner Type :	Private
Site Name :		Landowner Name :	
WRIA :	05.0080B	Address :	
Region :	NS	Address2 :	
Trib to :	05.0080	City :	
River Mile :	0.64	State :	
River System :	Pilchuck Cr	Zipcode :	
Legal Description :	SW1/4S9T32NR5E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	lower valley wall tributary	East:	1,592,094.00 North: 1,075,519.00

Directions :

From the I-5 and Hwy 534 intersection (Conway/Lake McMurray exit), turn right towards Lake McMurray and head 5 miles to a T-intersection and Hwy 9. Turn right (south) on Highway 9, and go approximately 4.6 miles to the culvert at mile post 35.45 and the site.

Area Overview :

This trib has year round flow with some good spawning habitat that is well used by coho adults over the years. Fish use generally ends at 63 meters upstream of Hwy 9 as there is a berm present that stops juvenile passage and would make adult passage difficult.

Field Survey Information

Date : 3/19/01 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: () Spring (X) Groundwater (X) Surface runoff

Flow: () Intermittent (X) Year-round

Estimated Flows (cfs): Lower end: 0.4
Upper end: 0.4

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

Receiving Water Temperature (C): 6.7

Other Observations:

Site Area Measurements: () Indirect (X) Direct () Combination
Widths: Channel: 1.5m Ponds: Wetlands:
Depths: Channel: 18cm Ponds: Wetlands:
Total length (includes ponds and wetlands): 348m

Total existing habitat area (est. m2):	460		
Spawning area:	Mainstem: 40	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 420	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: The available spawning habitat is located within the initial 190 meters of the site. The gravel size ranges from 1" to 3", there is good over head cover with fair instream cover. There were good numbers of coho redds and carcasses observed during the survey.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The first 63 meters is mostly riffled with a gravel substrate and has good brushy cover. From 63 meters to 190 meters, there is slightly more pooled habitat and Hwy 9 crosses at 110 meters. At 190 meters, there is a berm or old beaver dam site and there is a 4' to 5' change in elevation in which the channel becomes braided. There are several small drops that would stop juveniles from migrating upstream but it appears that adults would be able to pass during certain flows. From 190 meters to 246 meters, the creek is slow-moving and shallow as it flows through some heavy blackberries. Upstream from this point, the stream gradient increases and the substrate is cobble/small boulders with mostly riffled habitat with some cascades. There are two more culvert crossings, one at 267 meters and one at 308 meters.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: This site is protected from mainstem flooding but may slightly backwater at the lower end during high flow periods.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a large pool present in the mainstem at the entry area.

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

Describe: Several coho carcasses and redds were observed during the survey.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: This site is accessible to trout and a 12" trout was observed at 180 meters during the survey.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended at 348 meters as the stream gradient approached 20%. The culvert under Highway 9 is LP23; the culvert at 267 meters is LP24; and the culvert at 308 meters is LP25 in the culvert inventory.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

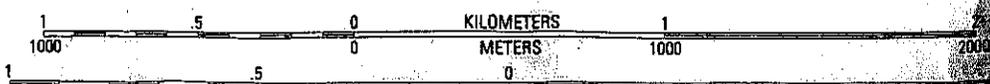
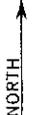
P12RB12



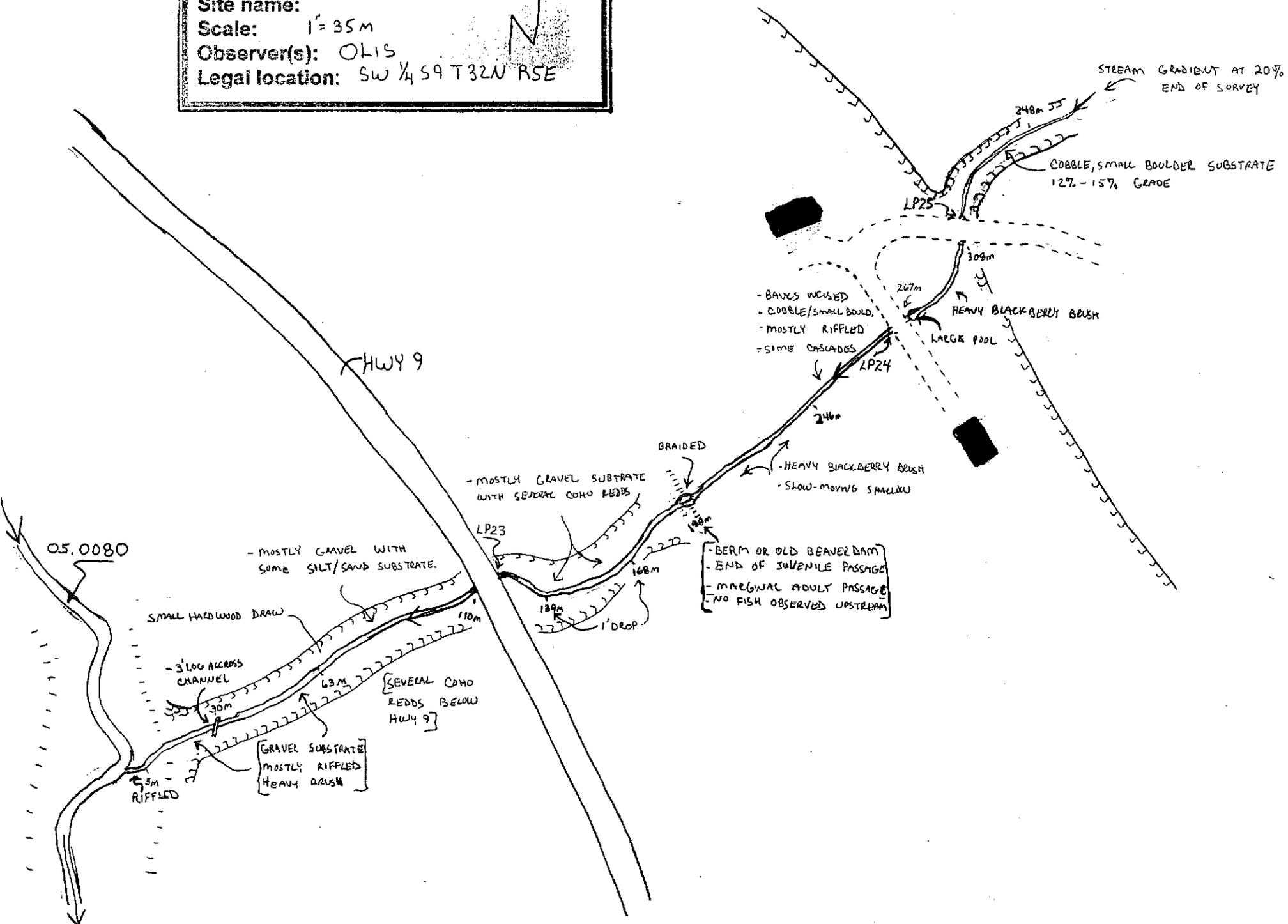
558 12' 30" 559 560 561 10' 562

SCALE 1:24 000

INTERIOR—GEOLOGICAL SURVEY, RESTON



Site id. code: P12RB12
 Site name:
 Scale: 1" = 35 M
 Observer(s): OLIS
 Legal location: SW 1/4 S9 T32N R5E



PI2RB12

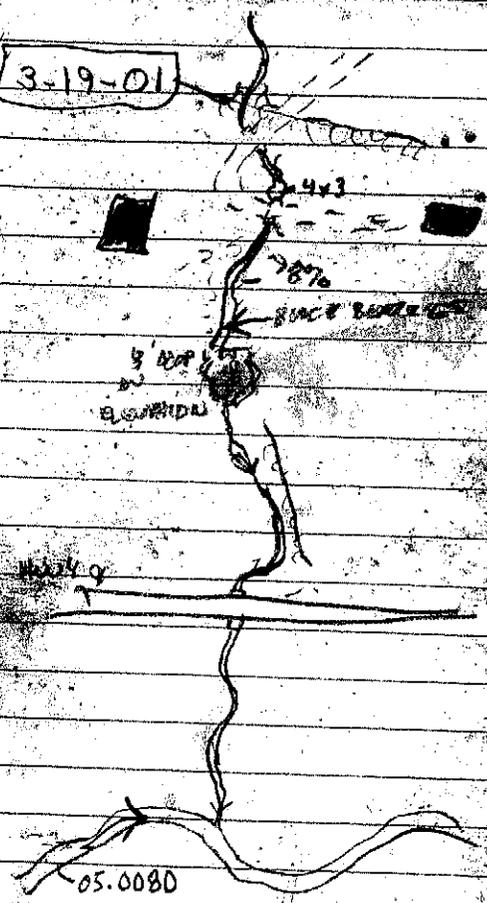
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SW 1/4 S9 T32N R5E

X-1592094

Y-1075519

3-19-01



ENTRY 0.0

FLOW - 0.4 CFS

WT - 44

UP - 44°

RWT - 44

ACCESS - POOL

5 m - WW 0.75 m

- RIPPLED

- GRAVEL SUBSTR.

30 m WW 1.4

- 1"-2" GRAVEL

- 8m² SL. H₂O

- EX. BUSHY COVER

⊙ 3' KOL ACCESS

STREAM

133m w/w 1.8m

- 70% RIPPLE

- 7m²

- some OLD BEDS

FISH SKELETONS

110m w/w 1.5m

- 7m²

- A FEW MORE BEDS

- some SILT/SAND

@ MANY 9 CULVERT

127m WEST END OF

COKE.

139m w/w 1.5

- 4m² BEDS



@ COALS ACROSS

SIDE 1' DEEP

168m w/w 1.7m

- 7m²

@ MORE ROCKS 1' DEEP

170m w/w 1.5m

- BANKS INCISED

- 5m²

- 12" TROUGH ON SURFACE

@ SOME TRACE OF

BURN AT OLD BURN DAM

W/ BOY BRANDS / ONE

LOOK PRESERVED

289 m WNW 1.5 m

- @ 0.62 CULV. bed
0.8 m DEEP

302 m WNW 1 m

- HEAVY BLACK SAND

@ 0.5 m CULV.

- 7 mL

- VSL. OVER 1%

- 3.5 BY 3 Pool

340 m WNW 1.2 m

COBBLE 5m BULLOCK

12-15%

MIN. of SILTY

CLAY. APP. 20%

|||||

Comments

GOOD CORE USE

OF DISK USE @

190 m IT APPEARS

THAT ADULTS COULD PASS

CULVERTS @ 30300 FWD

SETTLEMENT LN

N. GAIN