SITE INFORMATION

Site Identifier : PI1RB12
Site Name :
WRIA : 05.0067X
Region : NS
Trib to : 05.0067
River Mile : 2.55
River System : Pilchuck Cr
Legal Description : NW1/4S13T32NR4E
County : Snohomish
Habitat Type : lower valley wall tributary

Landowner Type : Private
Landowner Name : Pilchuck Tree Farm
Address : 1624 300TH NW
Address2 :
City : Stanwood
State : WA
Zipcode :
Phone :

Coordinates
East: 1,575,667.00 **North:** 1,072,232.00

Directions :
From the intersection of 288TH St and 3RD AVE NE, go west on 288TH St for 0.7 miles to a stream (05.0067) crossing. Hike upstream from this culvert for 0.25 miles to the site.

Area Overview :
This is a small intermittent trib that flows through a douglas fir plantation on Pilchuck Tree Farm land. Anadramous access is blocked downstream by several man-made barriers.

Field Survey Information

Date : 1/21/03 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: (X) Intermitent ( ) Year-round

Estimated Flows (cfs): Lower end: 0.2
Upper end: 0.05

Water Temperature(C): Lower end: 5.5
Upper end: 5.0

Receiving Water Temperature (C): 4.7

Other Observations:

Site Area Measurements: ( )Indirect (X) Direct ( ) Combination
Widths: Channel: 0.7 Ponds: Wetlands:
Depths: Channel: 0.16 Ponds: Wetlands:
Total length (includes ponds and wetlands): 764

Total existing habitat area (est. m2): 546

Spawning area:	Mainstem:	12	Tribs:	Total:
Impounded area:	Mainstem:		Tribs:	Total:
Other rearing area:	Mainstem:	534	Tribs:	Total:
Unaccessible habitat:	Mainstem:		Tribs:	Total:

Spawning habitat conditions: ( ) None (X) Poor ( ) Fair ( ) Good ( ) Exellent

Describe spawning habitat: There are a few gravel pockets scattered through the first 500 meters. The gravel size ranges from 1/2" to 2" and there is good brushy cover present. The stream is on the small side for adult spawners and is more suitable for resident cutthroat trout.

Rearing habitat conditions: ( ) None ( ) Poor (X) Fair ( ) Good ( ) Exellent

Describe pond and other rearing habitat: This stream averages 0.7 meters in width and is 60% riffled. The stream gradient ranges from 2% to 6% as it flows through a douglas fir plantation. It has a mostly mud-bottomed substrate and has good brushy cover along the banks.

Describe unaccessible habitat:

Wetland type: ( ) Bog ( ) Marsh ( ) Scrub-shrub ( ) Forested

Describe:

Flooding potential: (X) Low ( ) Medium ( ) High

Describe: The mainstem is 0.9 meters wide at this point and poses no threat during flood events.

FISH INFORMATION

Site entry condition: ( ) Poor ( ) Fair (X) Good

Describe: There is a small eddy pool present in the entry area.

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

Describe: There are several man-made barriers downstream of this site that block anadramous access.

Other species acces and use: ( ) Chum ( ) Pink ( ) Sockeye ( ) Chinook (X) Trout

Describe: Resident cutthroat trout can access this site.

ENHANCEMENT OPPORTUNITIES: Repair the man-made barriers in trib 05.0067.

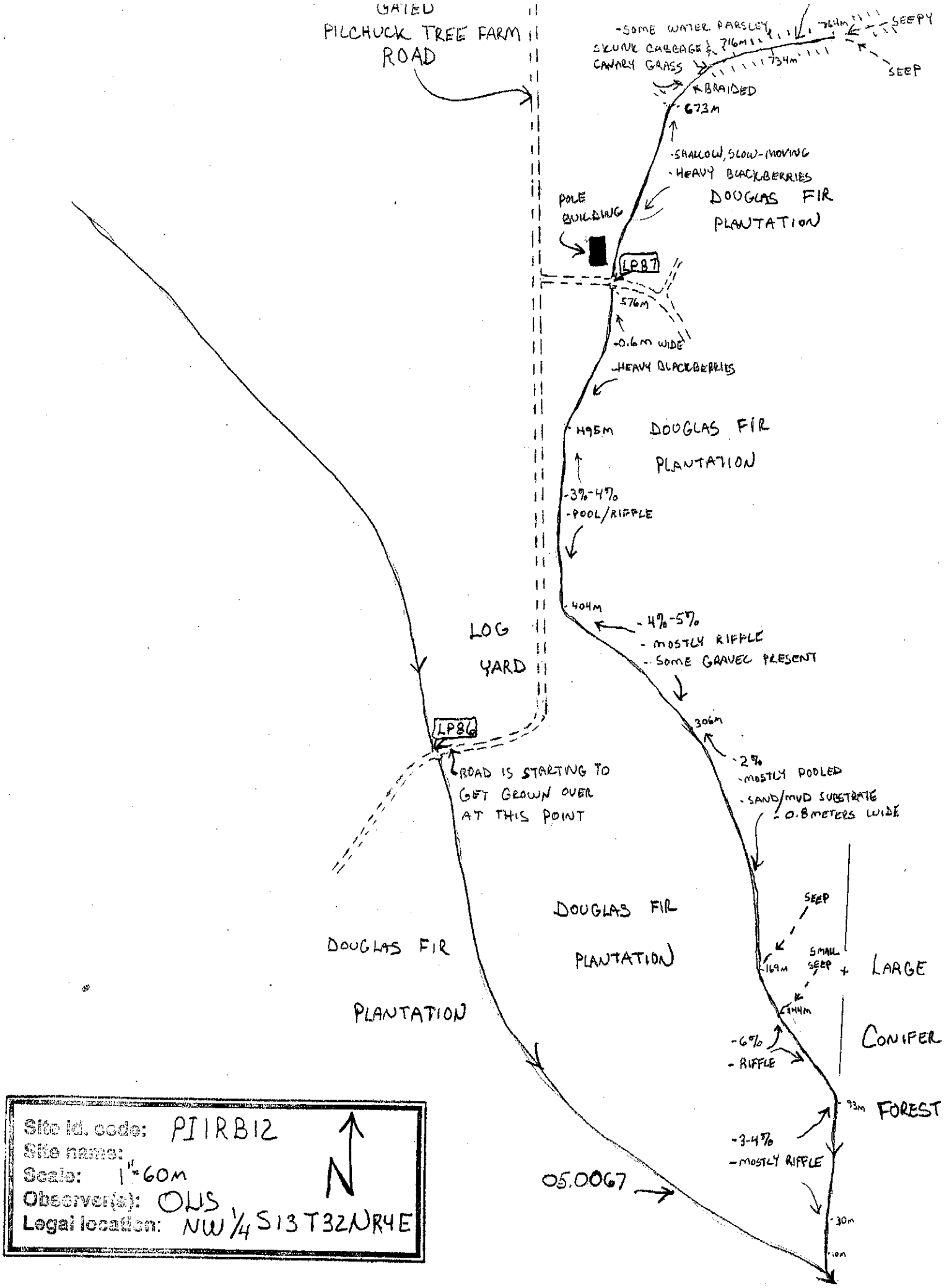
Project type:

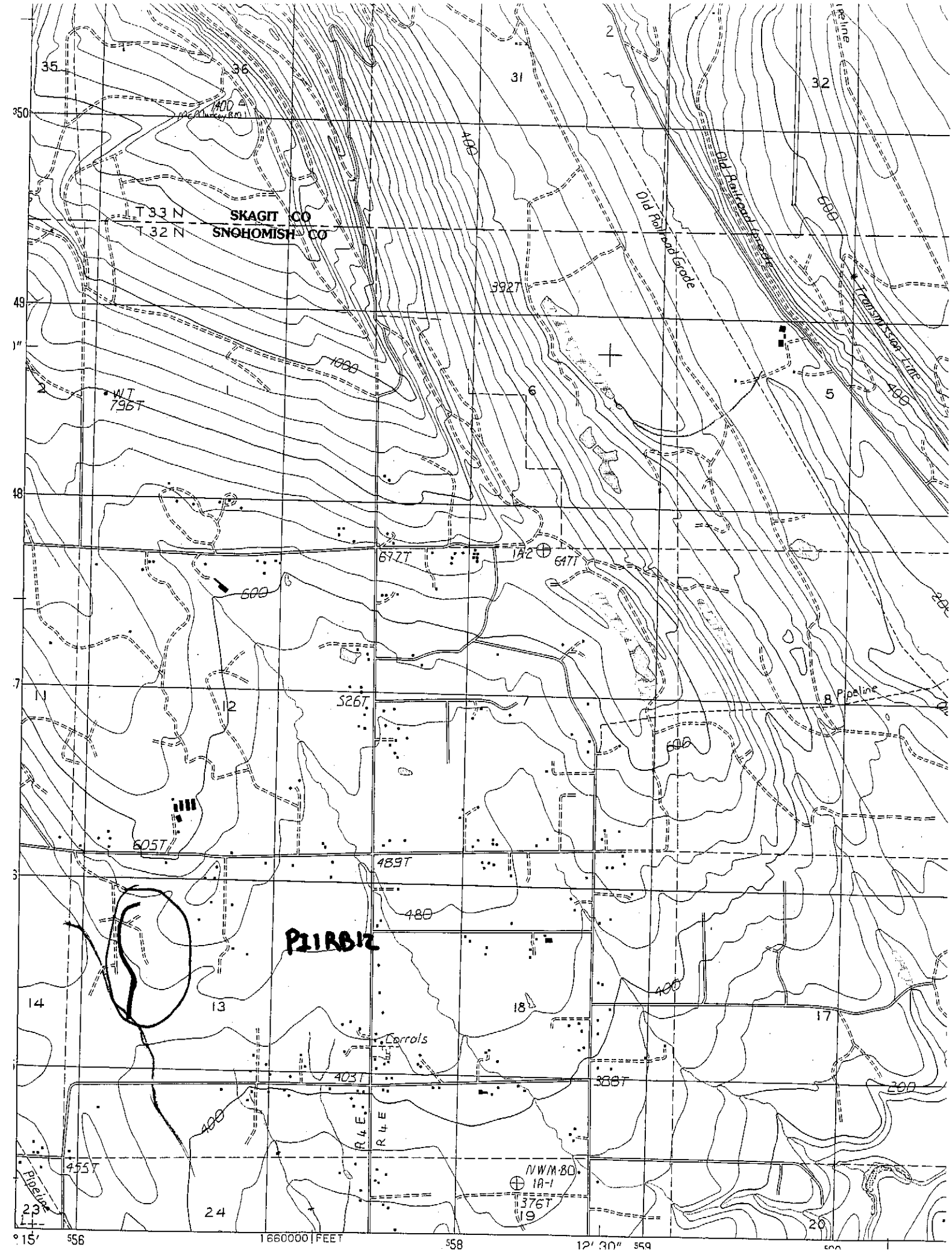
Equipment access:

ADDITIONAL COMMENTS: This survey was done in a winter with below average precipitation.

ATTACHMENTS AVAILABLE

(X) Aerials (X) Sketch (X) Maps ( ) Spawning Surveys ( ) Juvenile Trapping
( ) Other References


GATED
PILCHUCK TREE FARM
ROAD
-SOME WATER PARSLEY
SKUNK CABBAGE &
CANARY GRASS
SEEPY
SEEP
BRAIDED
673m
-SHALLOW, SLOW-MOVING
-HEAVY BLACKBERRIES
DOUGLAS FIR
PLANTATION
POLE
BUILDING
LP87
576m
-0.6m WIDE
-HEAVY BLACKBERRIES
495m
DOUGLAS FIR
PLANTATION
-3%-4%
-POOL/RIFFLE
404m
-4%-5%
- MOSTLY RIFFLE
- SOME GRAVEL PRESENT
LOG
YARD
LP86
306m
ROAD IS STARTING TO
GET GROWN OVER
AT THIS POINT
-2%
-MOSTLY POOLED
-SAND/MUD SUBSTRATE
- 0.8 METERS WIDE
DOUGLAS FIR
PLANTATION
DOUGLAS FIR
PLANTATION
SEEP
SMALL
SEEP
169m
144m
LARGE
CONIFER
FOREST
-6%
- RIFFLE
93m
-3-4%
-MOSTLY RIFFLE
30m
10m
05.0067
Site Id. code: PIIRB12
Site name:
Scale: 1" = 60m
Observer(s): OLS
Legal location: NW 1/4 S13 T32N R4E
N



35
36
31
32
2
1400
T 33 N
T 32 N
SKAGIT CO
SNOHOMISH CO
Old Railroad Grade
Old Railroad Grade
Transmission Line
392T
1000
WT
796T
6
5
677T
1A2
647T
600
526T
12
8
Pipeline
605T
489T
480
P11RB12
14
13
18
17
Corrals
403T
388T
200
R 4 E
R 4 E
455T
NWM-80
1A-1
376T
19
23
24
20
1660000 FEET

PI1 RB12

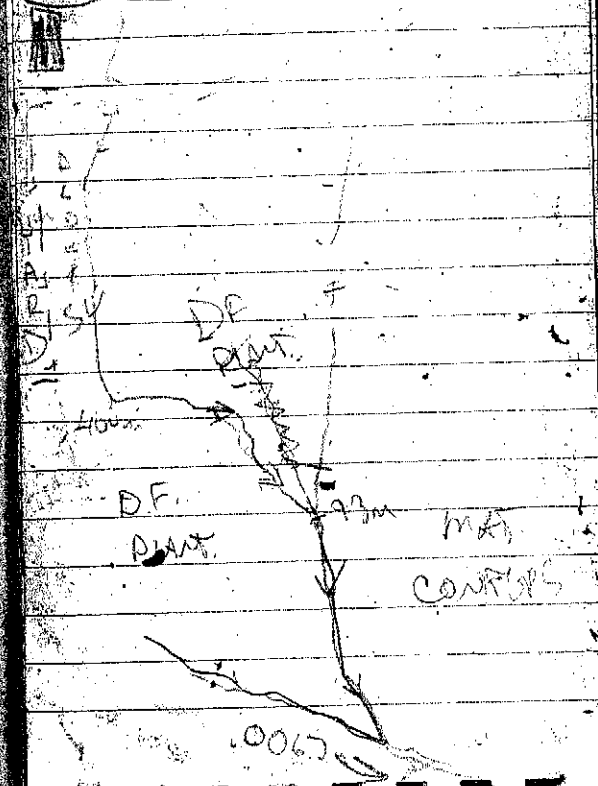
RM 2.55

NW413 T32NR4E

X-1575667

Y-1072232

1-21-03



0.0 ENTRY
- WT-42°
- PWT 40.5°
- FLOW - 0.2
- ACCESS - SM BODY POOL

10m WW 0.7
- GLIDE
- SOME SMALL GRAV
2m² - ½-1"

30m WW 1m
- SHALLOW - SPREAD OUT
- 3%

93m WW 0.7m
- MOSTLY RIFFLE
- GL. SUBSTR.

93m ... 4%
- TURNING AWAY FROM
MATURE CONIFERS
ON LB

144m WW 0.75m
- 6% RIFFLE
- DP PLANT ON BOTH
BANKS
- SMALL SEEP ON LB
W/ WAT P
SOME SCOUR
1 SEEP.

169m WW 0.6m
- 3% SLOW MOVING
- @ LB SEEP SMALL
THAN LAST ONE

[redacted]

306m WW 0.8
- 2% MOSTLY POOLED
MOSTLY SAND/MUD
404m WW 0.7
- 4-5%
- MOSTLY RIFF
- SOME GRAVEL
@ LOG YARD ON
RB
495m WW 0.7m
- 3-4%
- POOL RIFF

576m WW 0.6m
- @ ROAD AND CULVERT
- HEAVY BLACK RIFFLE

584m UPSTREAM HEAD
OF PIPE

673m WW 0.9m
- SHALLOW SLOW MOVING
ENDS OF 406 YARD
OPENING ON RB/HWY
- STRM IS GETTING
SEEPY.

716m WW 0.8m
- SLOW MOVING POOLS
- BRAIDED IN PLACES
- W.P. [illegible]
- CANARY GRASS & BRUSH

734m WW 0.6
STRM BACK IN
CHANNEL

764m WW 0.5m
(SEED OF LB)
@ BASE OF SHALLOW
SPRING OUT AREA
W/ CATTAILS AND
CANARY GRASS
END OF SURVEY
- 41°
< 0.1 CFS
HABITAT MAY BE
EXTENDED IF WATER