

SITE INFORMATION

Site Identifier : RC1RB1 **Landowner Type :** State
Site Name : **Landowner Name :** DNR
WRIA : 03.0343X **Address :**
Region : NS **Address2 :**
Trib to : 03.0347 **City :**
River Mile : 0.15 **State :**
River System : Red Cabin Cr **Zipcode :**
Legal Description : SE1/4S3T35NR6E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Coordinates

East: 1,634,852.00 **North:** 1,177,010.00

Directions :

From Sedro Woolley, head east on highway 20 for approximately 9.8 miles to Red Cabin road. Turn left and go 0.1 miles to the Hamilton Cemetary road. Turn right and go 0.1 miles to Crown mainline on the left. Drive approximately 100 yards to the attended gate where they ususally wave you through. From the gate go approximately 1.2 miles to the wide span bridge that crosses Red Cabin Creek. From the bridge hike upstream approximately 0.1 miles to the fork. Follow the left fork (trib 0347) for 0.15 miles to the site on the right bank.

Area Overview :

A high gradient, surface fed trib that consists of mostly cascade and riff habitat. It does offer a fair amount of spawning habitat but would not expect to find juvenile coho salmon over-wintering in this stream.

Field Survey Information

Date : 1/22/97 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: () Intermitent () Year-round

Estimated Flows (cfs): Lower end: 3
Upper end: 0.2

Water Temperature(C): Lower end: 6.1
Upper end: 6.1

Receiving Water Temperature (C): 5.5

Other Observations:

Site Area Measurements: () Indirect () Direct () Combination

Widths: Channel: 3 Ponds: Wetlands:

Depths: Channel: 15 Ponds: Wetlands:

Total length (includes ponds and wetlands): 670

Total existing habitat area (est. m2): 1366

Spawning area: Mainstem: 15 Tribs: Total:
Impounded area: Mainstem: Tribs: Total:

Other rearing area: Mainstem: 1351 Tribs: Total:
 Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Gravel size- 1"- 4"; mainly consists of gravel pockets amongst the cobble and small boulders in riffles and small pools; and fair amount of cover.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This creek contains mostly cascade and riffled habitat. The pools associated with the occasional cascade may provide some rearing space for coho, but for the most part this stream is on the high gradient side for over- winter rearing. There is good primary cover from berries and brush but no over head canopy as the buffer zone ends 100m from the mouth.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: At this point, there is no evidence of a recent blow out or any flood damage caused by the mainstem.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: At the entry area there are several small pools in the mainstem for fish to hold in and there are no obstructions to hinder fish access.

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

Describe: The site is accessible to coho although none were observed.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: This site seems more suitable to trout than coho and can be accessed by them also.

ENHANCEMENT OPPORTUNITIES: None

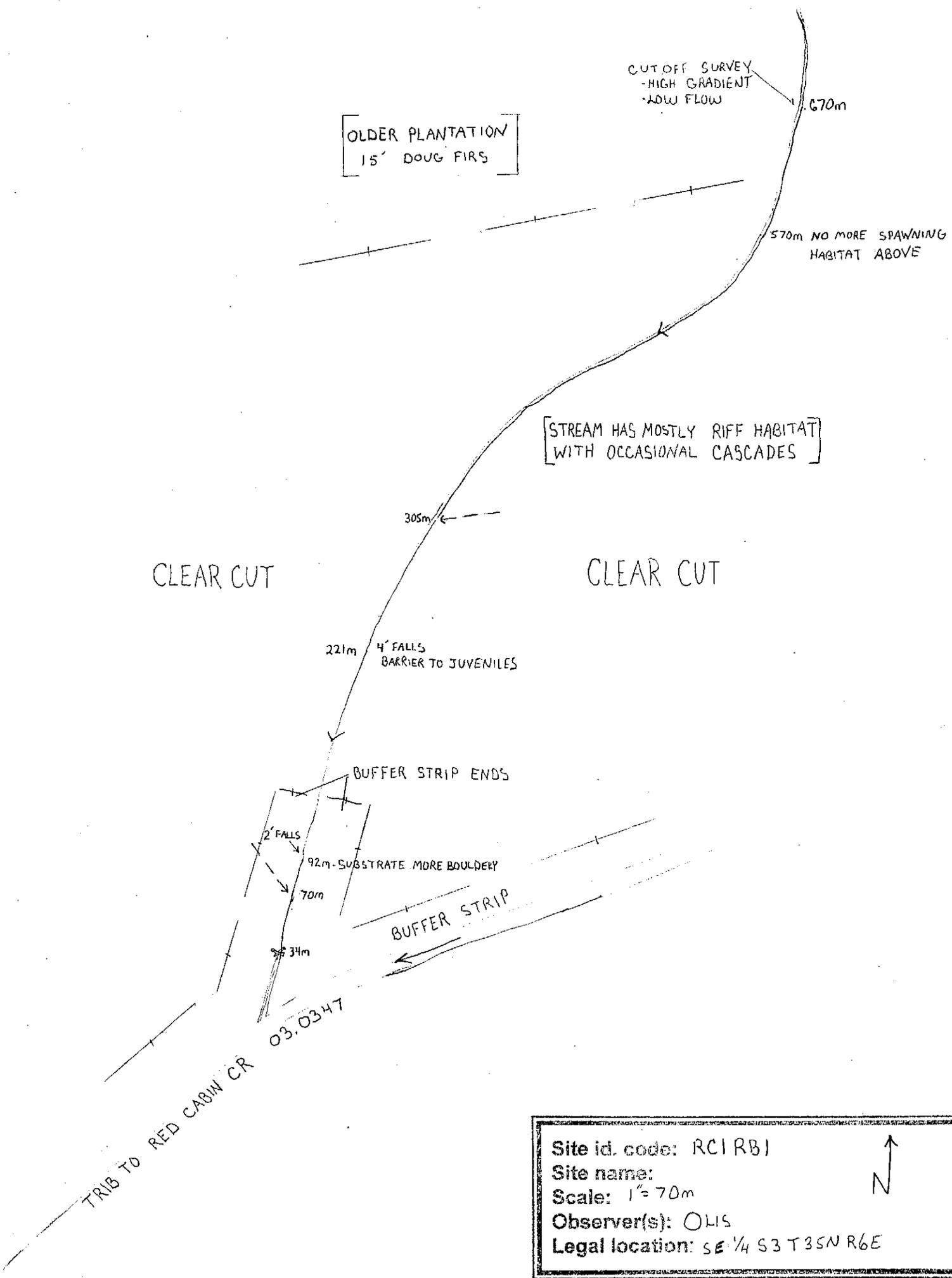
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey was cut off at 670m because the stream is high gradient and there was little flow at this point.

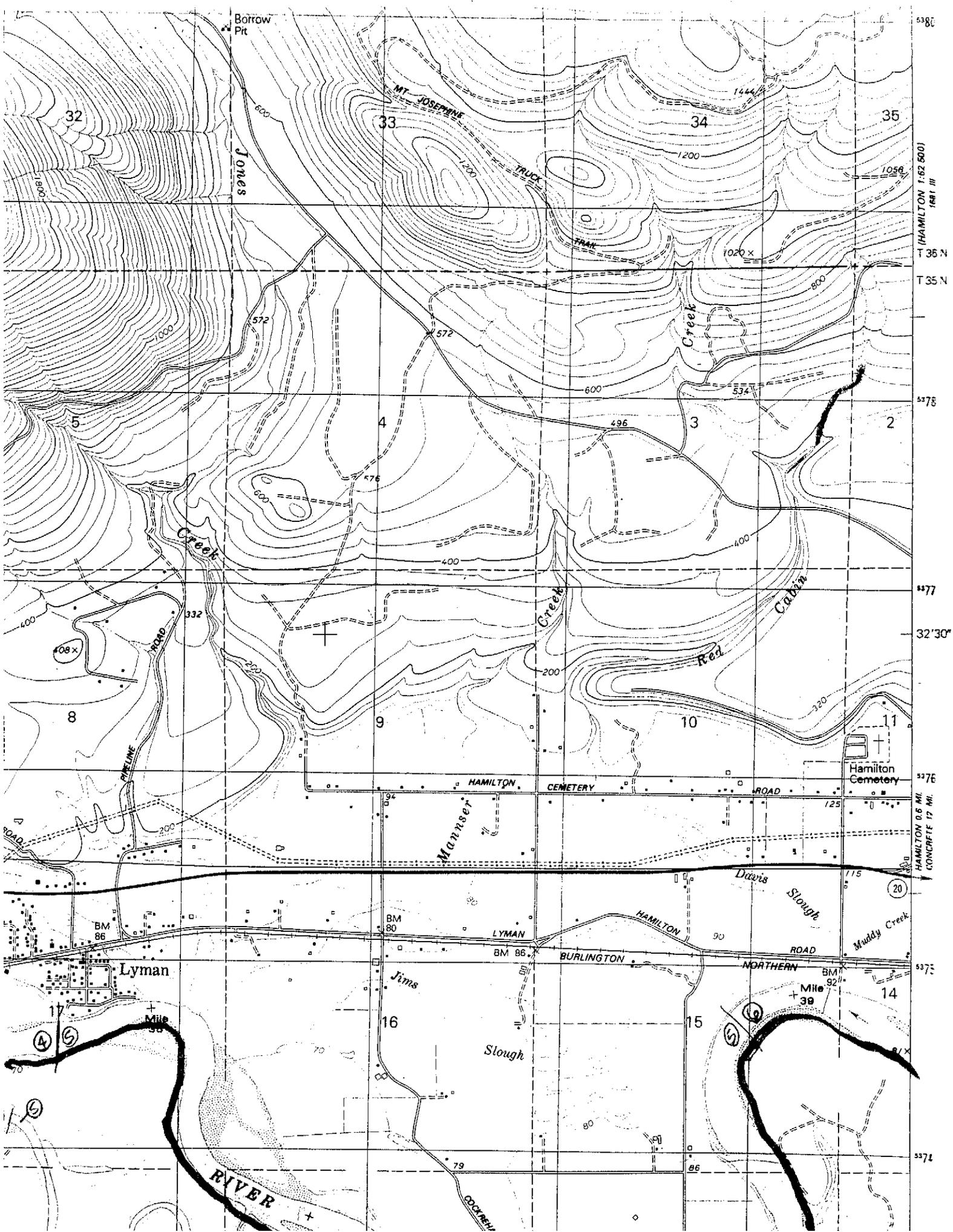
ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: RCIRB1
 Site name:
 Scale: 1" = 70m
 Observer(s): OLIS
 Legal location: SE 1/4 S3 T35N R6E





5380
(HAMILTON 1:62 500)
T 35 N
T 35 N
5375
5377
5376
HAMILTON 0.6 MI
CONCRETE 17 MI
5375
7455

RCIRBI

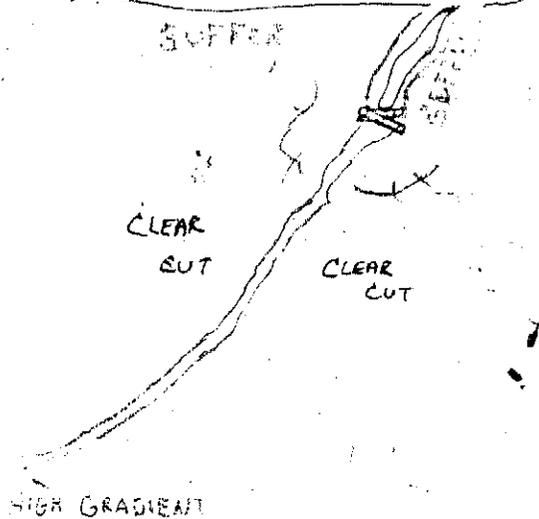
RM 0.15 (TRIB TO 0347)

SE 1/4 S3 T35N R6E

22 JAN 97

SUFFER

TRIB TO RED CANYON



O.O ENTRY

FLOW - 4 CFS.

WTR TEMP - 43°

REC WTR TEMP - 42°

GOOD ACCESS

- 34m WW 4m

- STEM SPLITS FROM THIS POINT BACK DOWN TO MAIN STEM - 2m WW APPIECE

COBBLE SUBSTRATE

WITH OCCASIONAL GR. POCKETS (1"-4")

3m² SP HAB

- @ LOG SHALL THAT CAUSES STEM TO SPLIT.

70m WW 3m

- 2m² SP HAB
- STRIM ON RB THAT IS NOT ACCESSABLE TO FISH TOO STEEP
- HAS 1/3 OF FLOW
- CASC. TO P. FF

92m WW 3m

@ 2' FALLS

- MORE BOULDERS

221m WW 2m

- WATER RIFF

OCCASIONAL OVERHANG AND POOL

@ 4' DROP

4m² SP HAB

305m WW 2m

- RIFF - CASCADES

- SMALL FLEET ON LB.

570m WW 2m

- SP. HAB 6m²

- RUNNING OUT OF DAY LIGHT

670m WW 2m

- STRIM IS TOO HIGH

GRADIENT FOR COHO HABITAT

- WTR TEMP - 43

- NO OVER-WINTER REARING

- SURFACE-FED - LOWER VALLEY TRIB

- SPAWNING TRUB MOSTLY GRAVEL

POCKETS AMONG BOULDERS

- MORE OF TRAIT STRM.