

SITE INFORMATION

Site Identifier : CA5LB1 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1411X **Address :**
Region : NS **Address2 :**
Trib to : Cascade R **City :**
River Mile : 18.15 **State :**
River System : Cascade R **Zipcode :**
Legal Description : NW1/4S6T34NR13E **Phone :**
County : Skagit
Habitat Type : terrace tributary

Directions :

Take the Cascade River Road out of Marblemount for approximately 16m to just before the Mineral Park Campground. Hike down and across the Cascade River to a side channel on the left bank and to the site.

Area Overview :

This trib is a small, groundwater fed piece of habitat that has good juvenile salmonid use. There is a small amount of spawning habitat present, but it is unknown if it gets used.

Field Survey Information

Date : 03/17/1998 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.2
Upper end: None

Water Temperature(C): Lower end: 5.3
Upper end: 5.3

Receiving Water Temperature (C): 5

Other Observations:

Site Area Measurements: Indirect Direct Combination
Widths: Channel: 2m Ponds: Wetlands:
Depths: Channel: 25cm Ponds: Wetlands:
Total length (includes ponds and wetlands): 202m

Total existing habitat area (est. m2): 558

Spawning area:	Mainstem: 6	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 552	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Consist of 1" to 3" gravel, has good brushy cover but stream appears to have marginal depth for spawners.

Rearing habitat conditions: None Poor Fair Good Exellent

Describe pond and other rearing habitat: The stream is mostly pooled, has good brushy cover with a sand/gravel substrate. There is a fork on the right bank that has a 40m x 8m pool at the head end. This pool appears to have a firm, leaf covered, mud bottom with a fair amount of woody debris.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: During a major flood event, there is a chance that this site may get some river water flowing through it.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Site enters into a side channel with no pool present at entry.

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

Describe: Site is accessible to adult spawners, but no redds or carcasses were observed. A few coho juveniles were observed in the site.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Juvenile trout were observed in the site.

ENHANCEMENT OPPORTUNITIES: None.

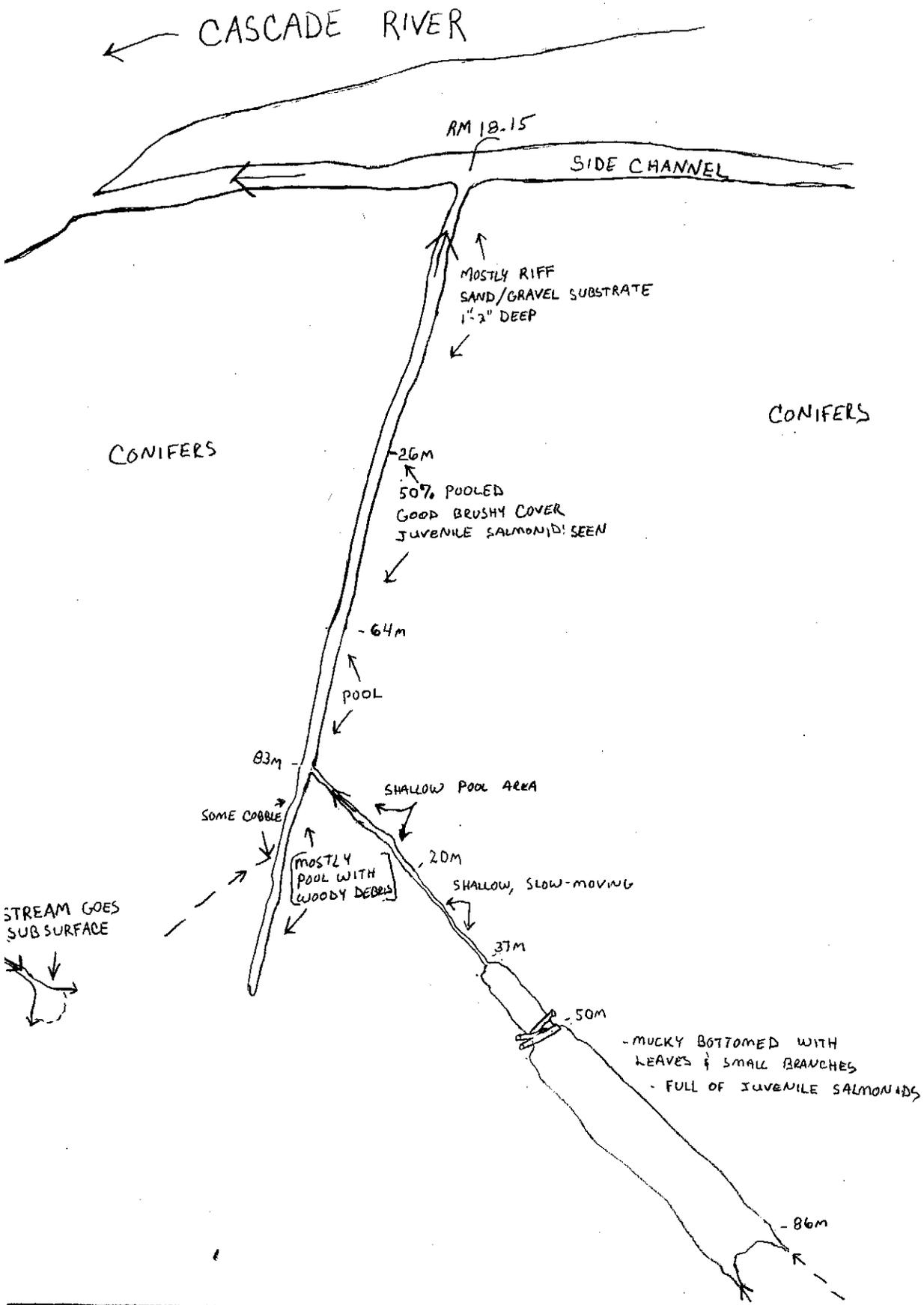
Project type:

Equipment access:

ADDITIONAL COMMENTS: The pool area at the head end of the right fork was full of juveniles. This pool may become disconnected during extended low flow periods.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other Referençes



Site id. code: CASLBI
 Site name:
 Scale: 1" = 20m
 Observer(s): MICHAEL OWS
 Legal location: NW 1/4 S6 T34N R13E



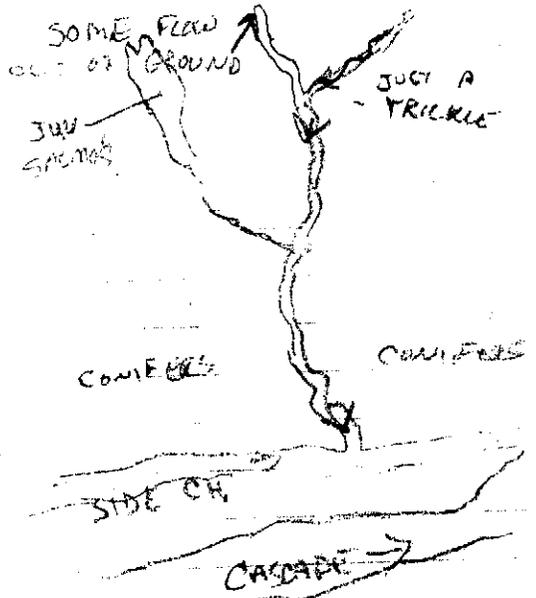
3/17/98

CASLB 1

RM 18.15

NW 1/4 S6 T34N R13E

THIS GORE
SUBSURFACE



0.0 ENTRY

- FLOW 0.2
- WTR TEMP 41.5
- R WTR TEMP 41
- ACCESS - FAIR TO GOOD
- SIDE CH - NO POOL

26m near by

- mostly riff
- SAND/GR. SUBSTR.
- 3m² SA HAB
- 1-3" GR
- SHALLOW

64m WW 2m

- 50% POOLED
- JUV SEEN
- 2m² SP HAB
- GOOD BRUSHY COVER

83m WW 2m

- POOL
- TRIB ON RB
- CONTINUING MAINSTEM

116m WW 1.5m

- MOSTLY POOL/COBBLE
- END OF WIL
- PART FLOWS OUT OF GROUND HERE...

... AND PART COMES FROM A SMALL TRIB ON LB ABOUT 20m BACK.

- SMOOD. IN THIS SECTION WTR TEMP. 41.5°

BEZERON ON RF @ 83m

20m 1m W

- MOSTLY SHALLOW POOL
- JUV TRAUT SEEN

37m WW 1.5m

37m... SHALLOW
SLOW-MOVING W/
CORBBLE SUBSTRATE
- MARGINAL FISH
PASSAGE TO STANDING
WATER ABOVE
- BETTER DURING
HIGHER FLOWS.

50m WxW 4m POOL
- MULCH SUBSTRATE

86m WxW 8m POOL
- SOME WID IN POOLS
- LEAVES $\frac{1}{2}$ SMALL ~~LEAVES~~
- END OF HAB

~~DOES~~ NO W FLOW @ THIS
TIME

COMMENTS

- GROUND WATER $\frac{1}{2}$
SURFACE FLOW
- INTERMITT ?
- GOOD REARING
- FAIR SPAWNING
- GOOD SUV USE
- UNCLEAR IF COHO
- LOW FLOODING