

SITE INFORMATION

Site Identifier : CA3LB6 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.1411X **Address :**
Region : NS **Address2 :**
Trib to : Cascade R **City :**
River Mile : 9.60 **State :**
River System : Cascade R **Zipcode :**
Legal Description : NE1/4S17T35NR12E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Directions :

From the Marblemount bridge, head up the Cascade River Road for approximately 8.4 miles to the Marble Creek Campground Road on the right. Follow this road to the river and the first campground. Cross the river and hike upriver for approximately 0.25 miles to the site.

Area Overview :

This trib offers a small amount of good rearing habitat for coho juveniles. It appears to be surface as well as groundwater fed and no spawning habitat was found.

Field Survey Information

Date : 03/19/1998 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: (X) Intermittent () Year-round

Estimated Flows (cfs): Lower end: 0.2
Upper end: 0.25

Water Temperature(C): Lower end: 6.7
Upper end: 7.2

Receiving Water Temperature (C): 5.8

Other Observations:

Site Area Measurements: () Indirect (X) Direct () Combination
Widths: Channel: 1m Ponds: Wetlands:
Depths: Channel: 15cm Ponds: Wetlands:
Total length (includes ponds and wetlands): 190m

Total existing habitat area (est. m2): 880

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 880	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: At 14m, the system forks. The right fork has the best juvenile coho rearing. It is 71m long by 6m wide and is mostly pooled. It is about 4" deep with a mucky substrate and is full of water parsley, milfoil, sedges and skunk cabbage. The left fork of the system sits a little higher on the bench. It comes off the hill and spreads out into a shallow braided area before it flows down onto the lower part of the bench.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The lower right fork is more likely to get flooded but it would take a large event for the river to reach it. The upper section is more protected but may be susceptible to a blow out.

FISH INFORMATION

Site entry condition: Poor Fair Good

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

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

Describe: Good amounts of juvenile coho were observed at the site but there is no spawning habitat available for adults.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Even though no trout were observed in the site, it is accessible to them.

ENHANCEMENT OPPORTUNITIES: None

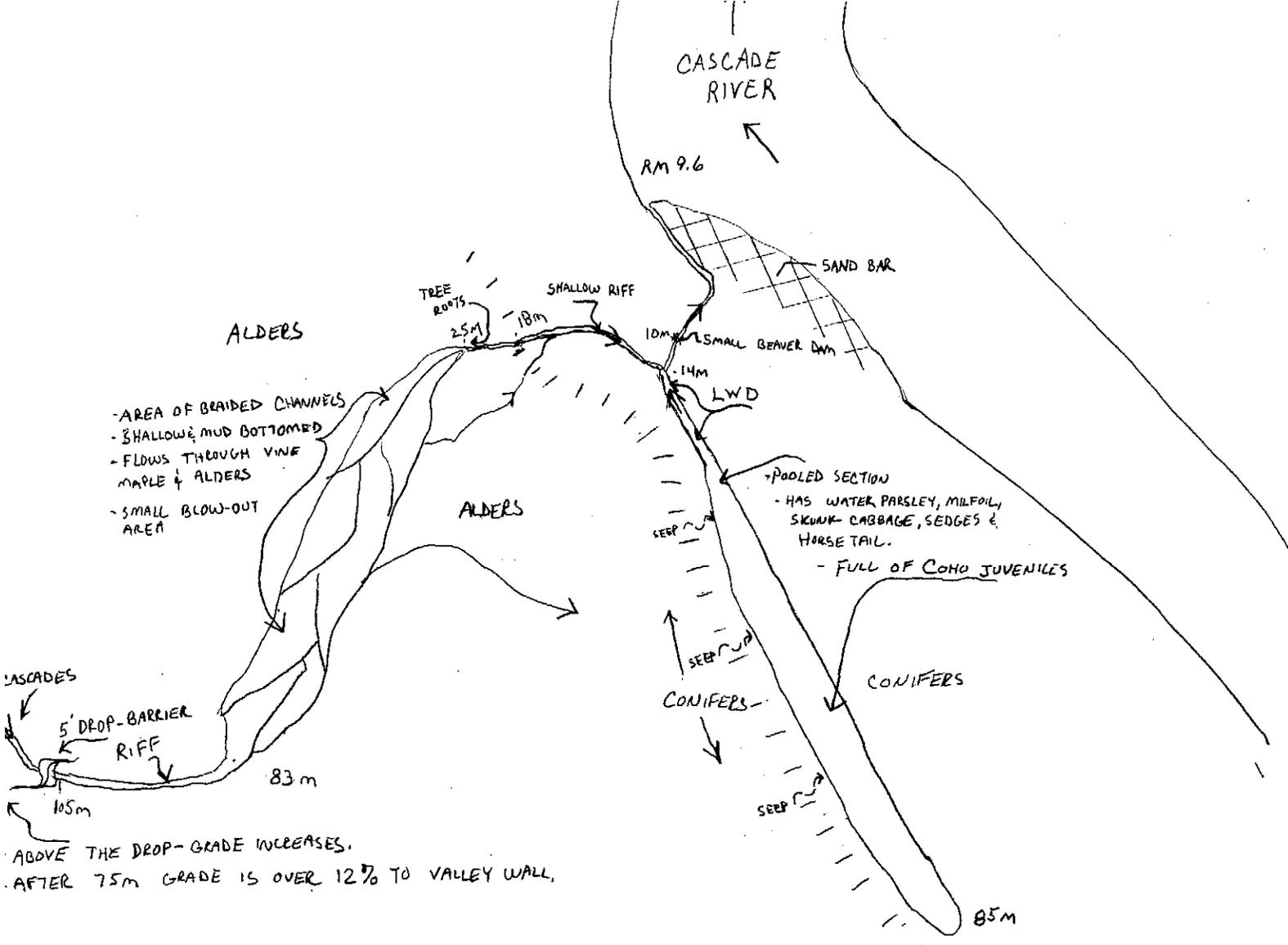
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey was cut off at a 5' drop that appears to be a barrier to adults. There would be only 75m of under 12% grade habitat if a fish could get above this drop.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

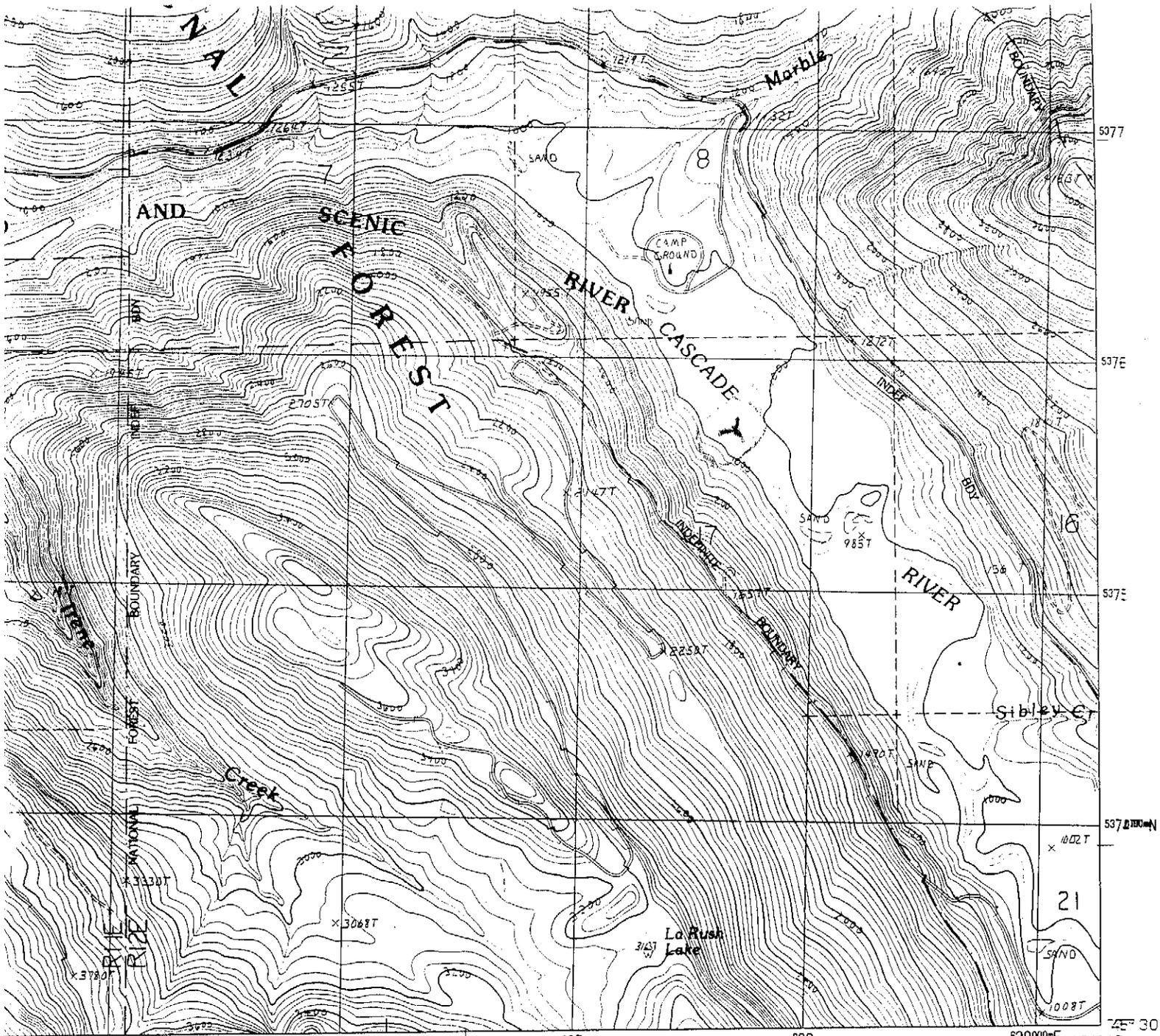


- AREA OF BRAIDED CHANNELS
- SHALLOW, MUD-BOTTOMED
- FLOWS THROUGH VINE MAPLE & ALDERS
- SMALL BLOW-OUT AREA

ABOVE THE DROP - GRADE INCREASES.
AFTER 75m GRADE IS OVER 12% TO VALLEY WALL.

Site id. code: CA3LB6
 Site name:
 Scale: 1" = 20m
 Observer(s): M. OLIS
 Legal location: NE 1/4 S17T35NR12E

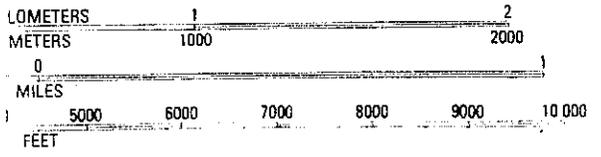




625 626 17' 30" 627 628 829000E 121° 15'

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1989

E 1:24 000



INTERVAL 40 FEET

1 meter multiply by .3048
1 foot multiply by 3.2808



1	2	3	1 Damnation Peak
			2 Mount Triumph
			3 Diablo Dam
4		5	4 Marblemount
			5 Eldorado Peak
			6 Illabot Peaks
6	7	8	7 Snowking Mtn
			8 Sonny Boy Lakes

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

- Improved Road
- Unimproved Road
- Trail
- Interstate Route
- U. S. Route
- State

BIG DEVIL PEAK, W
PROVISIONAL EDITION

U.S. GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

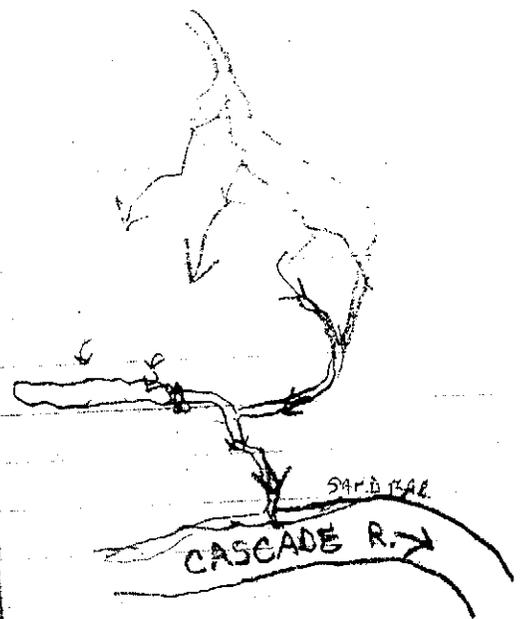
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3/19/98

CALB 6

Rm 9.6

NE 1/4 S17 T35N R12E



OLD ENTRY

- FLOW -
- WTR TEMP - 44°
- R. WTR TEMP - 42.5°
- ACCESS - LARGE POOL @ ENTRY.

10m WW 1m MOSTLY R. II
 - INCISED BANKS
 - SILT SUB. (GOOD COVER)
 - @ 1m BVR DAM W/ WTR FLOWING THRU IT.

14m WW 1m POOL
 - @ FORK

74m... SEEMS LIKE
MOST OF FLOW OUT
OF LF.
- CONTINUING UP RF

27m WW 1.5m
- MOST LF FULL OF
IT FLOWS THROUGH
LEAD,
- SOME JUV COHO
SEEN.

85m WW 6m POOL

- SECTION IS FULL OF
WT. PARS., MILLFOLL,
SKUNK CABBAGE, SEDGES,

- HAS HORSETAIL ALONG
BANKS.

- FULL OF COHO JUV.
- 3 SEEPS ON LB
- 44° END OF THIS FORK

GOING UP LF

18m WW 0.5m
- MOSTLY RIFF
- IT FORKS - RF
LOOKS UNPASSABLE
LF

25m WW 0.5m
- GOES UNDER
TREE ROOTS

25min SCRS PASSABLE

83m WW 8m
AREA OF BEAWEED
CHANNEL, SHALLOW
MUD BOTTOMED,
FLOW THROUGH, VINE
MAPLE AND SM. ALDERS.

105m WW 1m
- GRADE INCREASING
- ALL RIFF, SOME
GRAVEL BUT DOESN'T
LOOK LIKE GOOD
SP. HAB.
- @ 5' DROP, W/
CASCADES ABOVE.

- END OF HAB -
INCOMING CR. IS
12% GRADE UNTIL
IT HITS CLIFF &
FALLS, ANYWAYS.
- WTR TEMP 45°, 0.25CFS

COMMENTS

- EXL. REARING IN
LOWER END
- ~~TOO~~ MOD FLOODING
- GOOD FISH USE
- LOOKS LIKE A LITTLE
MORE FLOW @ UPPER END
- MOSTLY ALDERS UP
THERE TOO.
- NO SPAWNING HAB.