

**SITE INFORMATION**

**Site Identifier :** CA4RB2 **Landowner Type :** Federal  
**Site Name :** **Landowner Name :** USFS  
**WRIA :** 03.1411X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Cascade R **City :**  
**River Mile :** 12.70 **State :**  
**River System :** Cascade R **Zipcode :**  
**Legal Description :** NE1/4S28T35NR12E **Phone :**  
**County :** Skagit  
**Habitat Type :** terrace tributary

**Directions :**

From the Marblemount bridge, head up the Cascade River Road for approximately 11 miles to the USFS 1550 Road on the right. Turn right and park just before you get to the river. Hike upriver for approximately 0.3 miles to the site.

**Area Overview :**

The accessible habitat begins at the base of a 50' fall where the stream splits in two and flows to a side channel. It offers no spawning habitat and very little over winter rearing.

**Field Survey Information**

**Date :** 12/02/1997 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**  Spring  Groundwater  Surface runoff

**Flow:**  Intermittent  Year-round

**Estimated Flows (cfs):** Lower end: 1  
Upper end: 1

**Water Temperature(C):** Lower end: 6.6  
Upper end: 6.1

**Receiving Water Temperature (C):** 4.4

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination  
**Widths:** Channel: 1m **Ponds:** **Wetlands:**  
**Depths:** Channel: 15cm **Ponds:** **Wetlands:**  
**Total length (includes ponds and wetlands):** 216m

<b>Total existing habitat area (est. m2):</b> 310m			
Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 310m	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: The first 50m of the upstream fork is shallow, slow moving with water parsley and a sandy substrate. The rest of the habitat is riffled or small cascades with a bouldery substrate.

Describe inaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: Most of the site is high enough on the bench to be protected during flood events, however the stream may blow out at times.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is pooled habitat at the entry.

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

Describe: Site appears to be too small for adult spawners. No juveniles were observed but site is accessible to them.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: No trout were observed but the site is accessible to them.

ENHANCEMENT OPPORTUNITIES: None

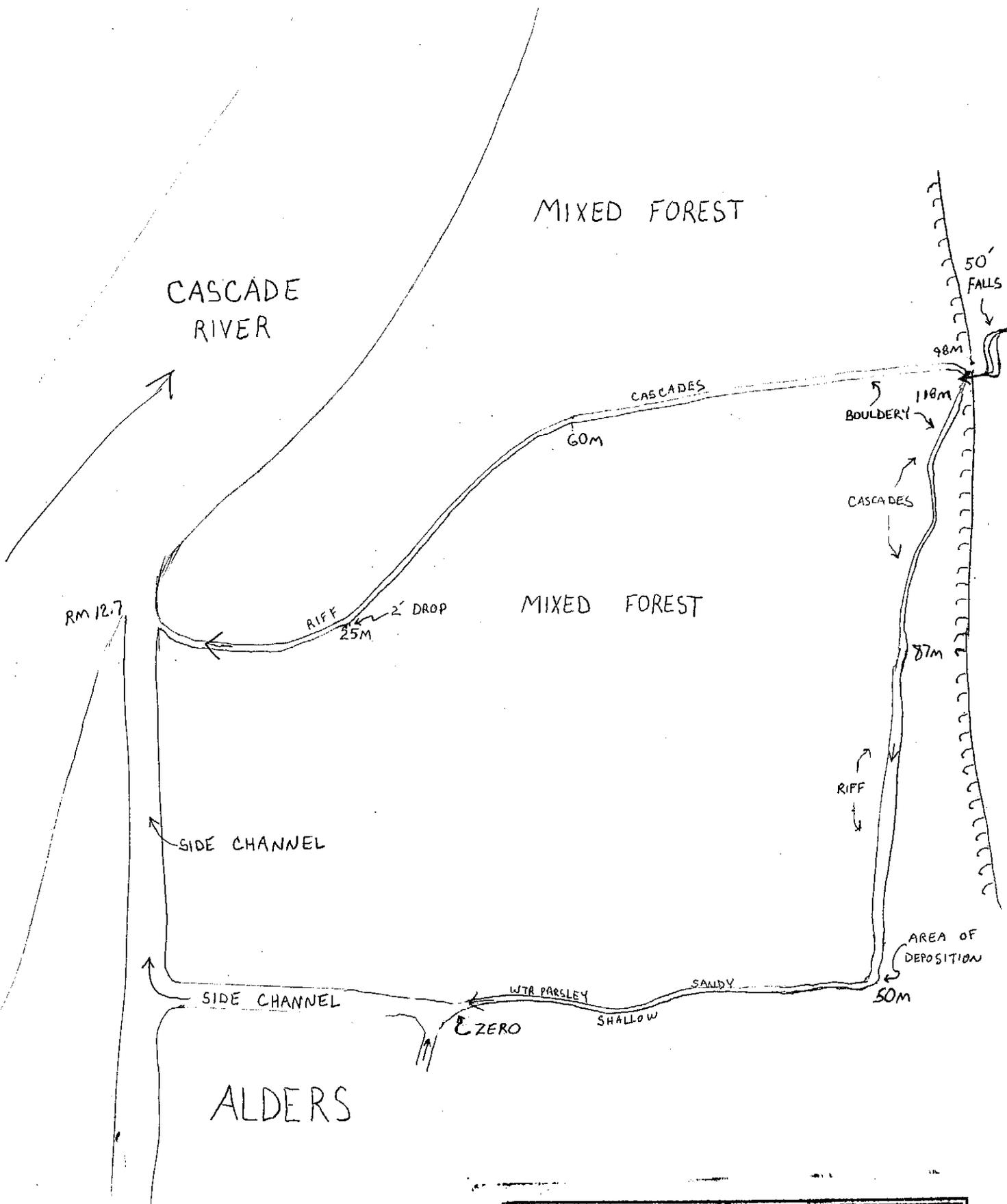
Project type:

Equipment access:

ADDITIONAL COMMENTS: A 50' falls ends the anadromous zone.

#### ATTACHMENTS AVAILABLE

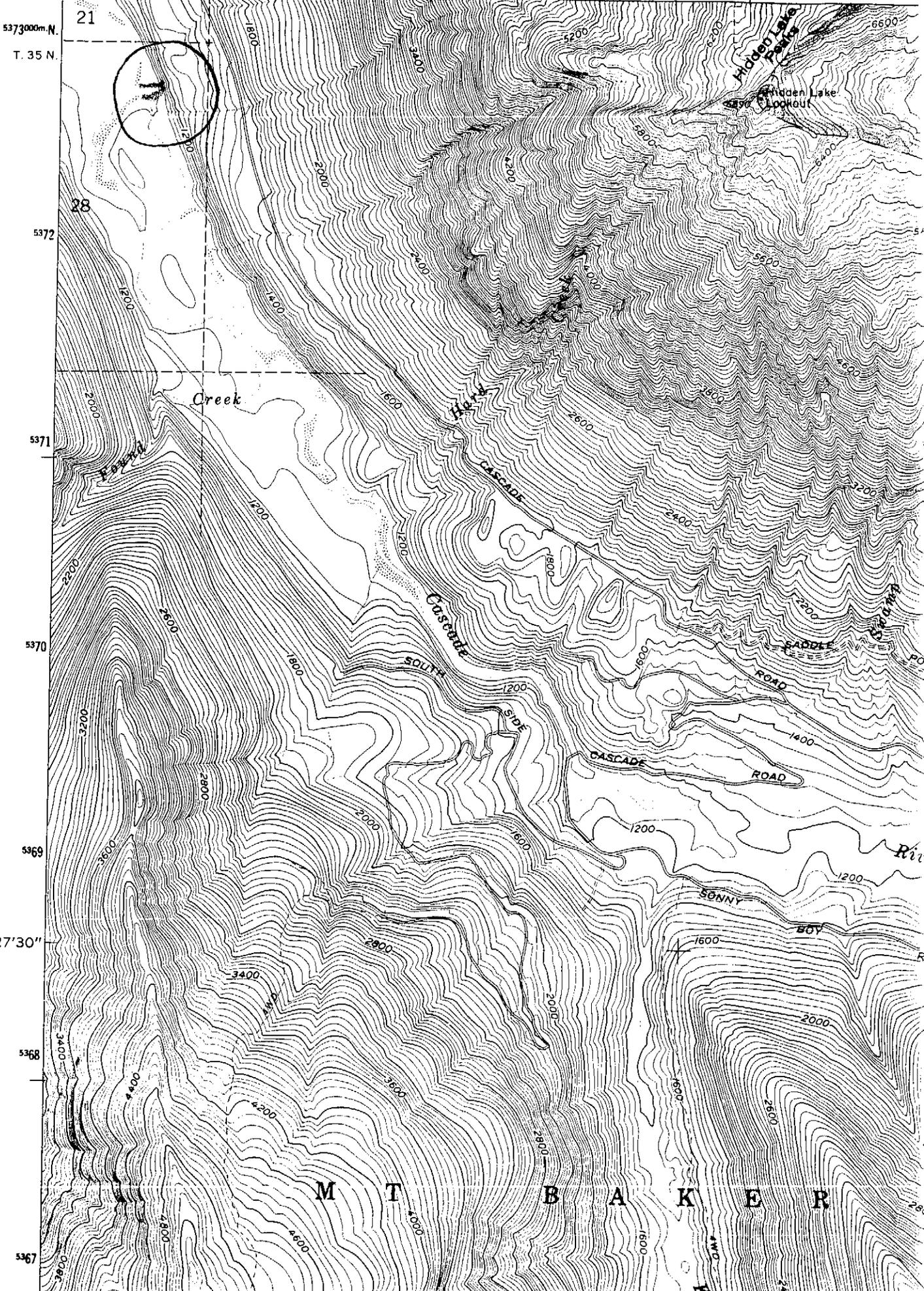
Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References



Site id. code: CA4 RB2  
 Site name:  
 Scale: 1"=15M  
 Observer(s): MICHAEL OLIS  
 Legal location: NE 1/4 S28 T35N R12E



121° 15' 48" 30' R. 12 E. MARBLEMOUNT 11 MI. 631900m.E. 632 12'30" 633

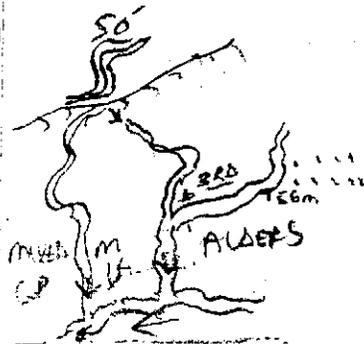


12/2/97

CA4 RB2

RM 12.7

NE 1/4 S20 T35N R12E



← CASCADE

0.0 ENTRY

STEM TEMP 44°  
REC. WTR. TEMP. 40  
FLOW - 1 CES  
- EDDY POOL @  
ENTRY

- IMMEDIATE FORK ON RB (1/4 OF FLOW)
- 2LFO ON KF
- 
- 25M WW 1m
- RIFF
- 2-4 MCH GR. SUBSTR.
- TO SMALL FOR SPAWNEES

25m <sup>+</sup> @ 2 FT

DROP

- BARRIER TO JUV.

60m WW 1m

- RIFF → SM CASCADES

98m WW 1m

- CASCADES

- BOULDERY SUBSTR.

- THIS FORK IS NOT  
VERY GOOD CONO  
HABITAT.

BACK TO MAWSEY  
AND REZERO.

33m WW 4m

- SLOW-MOVING

- SILTY SUBSTR.

- GOOD COVER

- 8" DEEP

- CONO - CARCAES

- TRIB ON RB - HAS  
1/2 OF FLOW.

- REZERO ON RF.

35m - WW 2m

- SILT/SAND SUBSTR.

- W/ WATER PARSLEY

- @ ANOTHER FORK

- WILL CONTINUE UP  
RF WHICH HAS

1/3 OF FLOW  
(3RD FORK)

50m WW 1m  
- WTR PARSLEY  
- 3" DEEP, SAND  
SUBSTR.

87m WW 3m  
- SHALLOW  
- AREA OF ~~DE~~  
DEPOSITION, SAND

148m WAS 0.5  
- RIFF → SM. CASE.  
- GP, & OCCASIONAL BOULD.  
- END OF HAB  
- LENS TO SAND  
50" FALLS  
- WTR TEMP, 43°



REZERING ON LF  
OF THE THIRD FORK

56m WW 0.5m  
- SLOW-MOVING  
- SAND SUBSTR.  
- ~~ANOTHER~~ COOL CARCASS

150m WW 1.1m  
- 6m SP HAB  
- 2 REEDS

- GOOD CLOSE  
COVER

- @ 2  
DROPS (ONE FT  
PASSABLE)