

SITE INFORMATION

Site Identifier : CA4RB3 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1411X **Address :**
Region : NS **Address2 :**
Trib to : Cascade R **City :**
River Mile : 13.00 **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 0.35 miles to the site.

Area Overview :

This is a short terrace trib that has some coho spawning use as well as a small amount of over winter rearing available. It appears to be surface fed and flow year-round.

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: 0.25
Upper end: 0.25

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

Receiving Water Temperature (C): 4.4

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 1m **Ponds:** **Wetlands:**
Depths: Channel: 18cm **Ponds:** **Wetlands:**
Total length (includes ponds and wetlands): 192m

Total existing habitat area (est. m2): 220

Spawning area:	Mainstem: 6	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 214	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Gravel size: pea gravel to 2"; excellent brushy cover and occasional woody debris present to hide from predators.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The lower 50m is slow moving with some pooled habitat present and a sandy substrate. Above this point the rest of the habitat is riffled or small cascades.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The lower 50m may be affected during major flood events but above this point the stream appears to be more protected as it is higher on the bench.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Site is accessed through a side channel and there is a pool at the entry.

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

Describe: During the survey an adult coho carcass was found as long as two redds. 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 site is accessible to them.

ENHANCEMENT OPPORTUNITIES: None

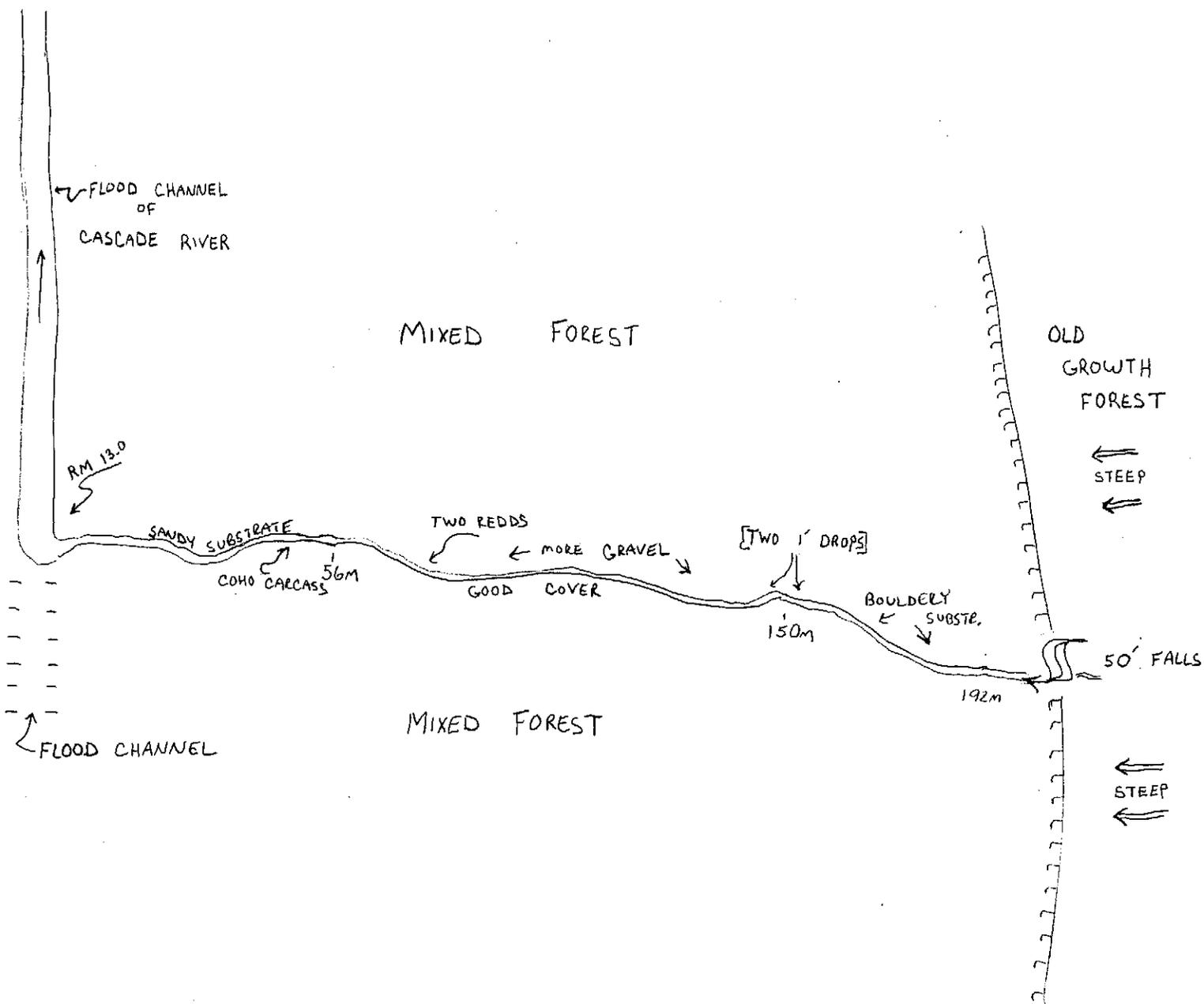
Project type:

Equipment access:

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

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

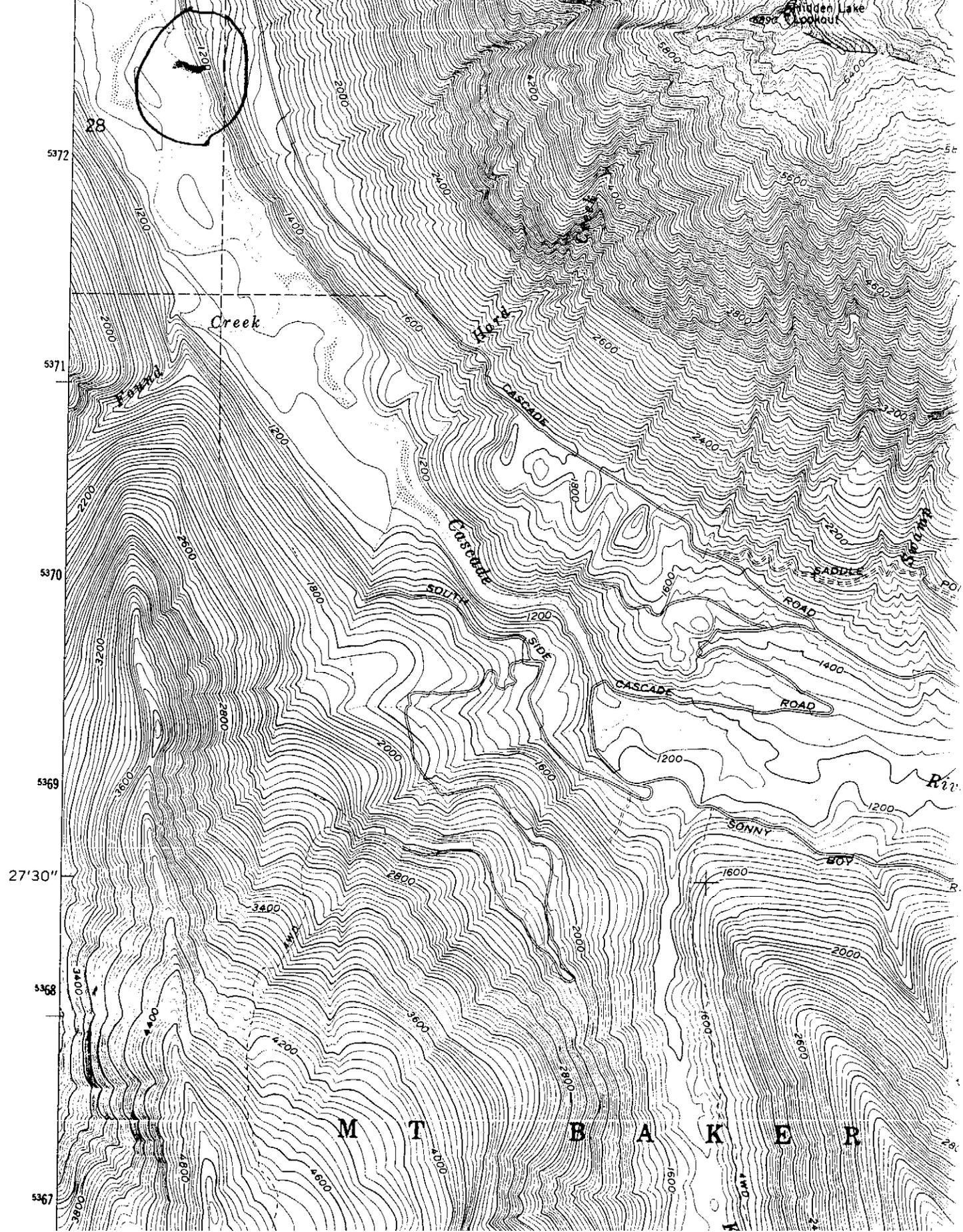


Site id. code: CA4 RB3
 Site name:
 Scale: 1" = 30M
 Observer(s): MICHAEL OLS
 Legal location: NE 1/4 S28 T35N R12E



121° 15' R. 12 E. MARBLEMOUNT 11 MI. 631000m E. 632 12' 30" 633

48° 30' 5373000m N. T. 35 N.

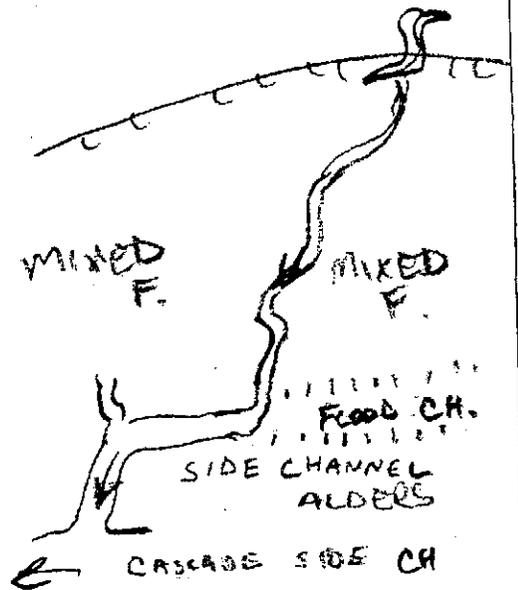


12/2/97

CA4 RB3

RM 13

NE 1/4 S28 T35N R12E



O.O ENTRY
FLOW - 0.25 CFS
STEM TEMP - 42°
REL WTR TEMP: 40°
ACCESS - GOOD, POOL
@ ENTRY

56m WW 1.5m
- SLOW-MOVING
- SAND SUBSTRATE
- COHO CARCASS

150m WW 1m
- 6m² SPAWN. HAB
- 2 REDDS
- GOOD CLOSE COVER.

150m...

- (2) - ONE FOOT
DROPS . PASSABLE

192m

WW 1m
- CASCADES
- BOULDERY SUBSTR
- @ BASE OF 50'
FALLS.
- WTR TEMP. 42°
- FLOW .25 CFS