

SITE INFORMATION

Site Identifier : CA4RB1 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1411X **Address :**
Region : NS **Address2 :**
Trib to : Cascade R **City :**
River Mile : 12.50 **State :**
River System : Cascade R **Zipcode :**
Legal Description : SE1/4S21T35NR12E **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 150m to the site.

Area Overview :

This is a short, mainly surface fed trib that offers small amounts of rearing and spawning habitat.

Field Survey Information

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

HABITAT INFORMATION

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

Flow: () Intermittent(X) Year-round

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

Water Temperature(C): Lower end: 5
Upper end: 5.3

Receiving Water Temperature (C): 4.4

Other Observations:

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

Widths: Channel: 1m Ponds: Wetlands:

Depths: Channel: 20cm Ponds: Wetlands:

Total length (includes ponds and wetlands): 235m

Total existing habitat area (est. m2): 284

Spawning area: Mainstem: 8 **Tribs:** **Total:**

Impounded area: Mainstem: **Tribs:** **Total:**

Other rearing area: Mainstem: 276 **Tribs:** **Total:**

Unaccessible habitat: Mainstem: **Tribs:** **Total:**

Spawning habitat conditions: () None () Poor (X) Fair () Good () Exellent

Describe spawning habitat: Gravel size ranges from pea gravel to 2"; there is a fair amount of cover to avoid predators; but water depth was at a minimum.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The creek is 35% pooled and has good cover up to the 147m mark. At this point there is a 18" drop (juvenile barrier) and the grade increases above as the habitat is riffled with some cascades.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The first 120m is prone to flooding during flood events.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Large pool tucked behind gravel bar.

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

Describe: No juveniles were observed but this site is accessible and probably used by them. Two adult coho carcasses were found as well as two redds.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Site is accessible to trout but none were observed.

ENHANCEMENT OPPORTUNITIES: None

Project type:

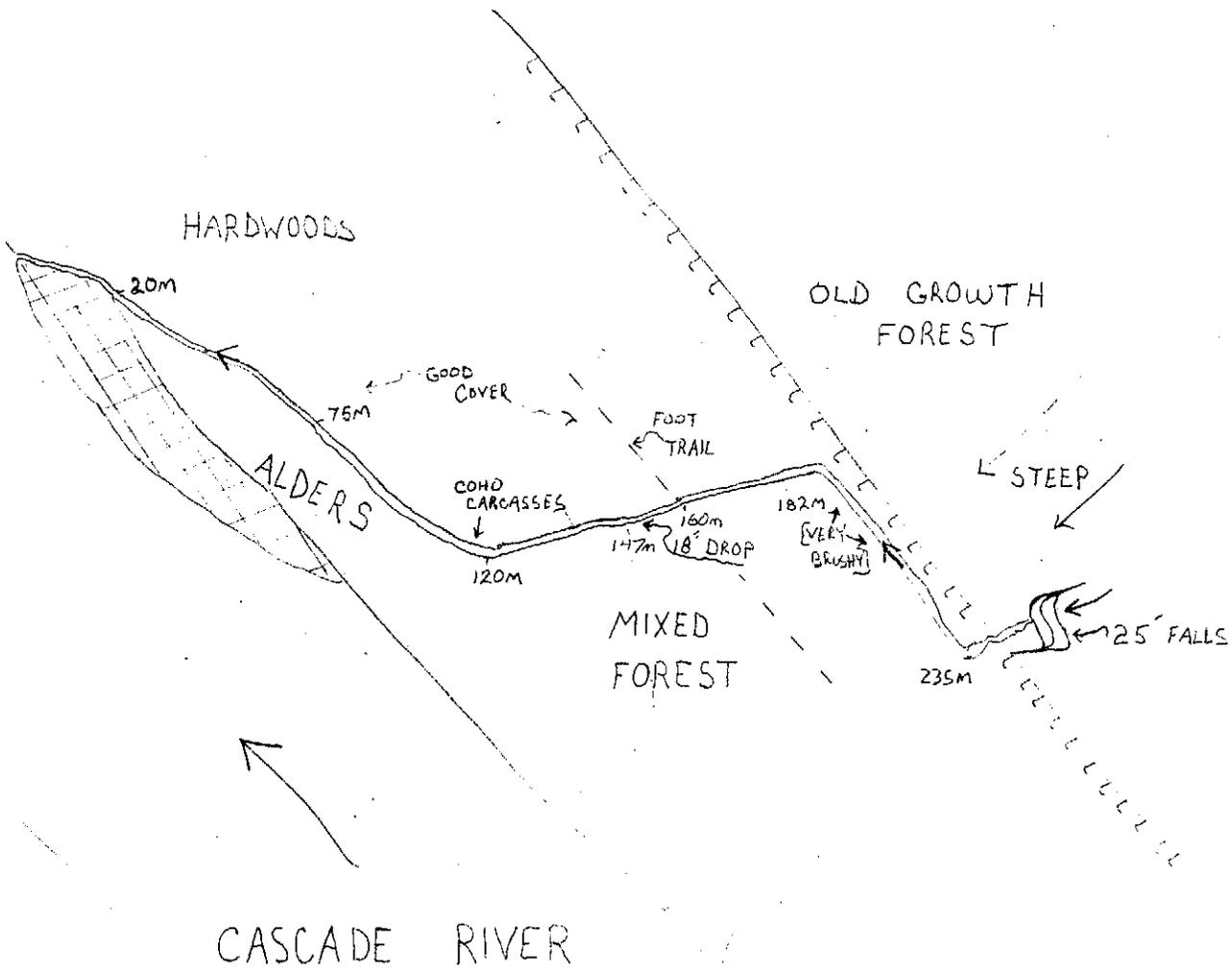
Equipment access:

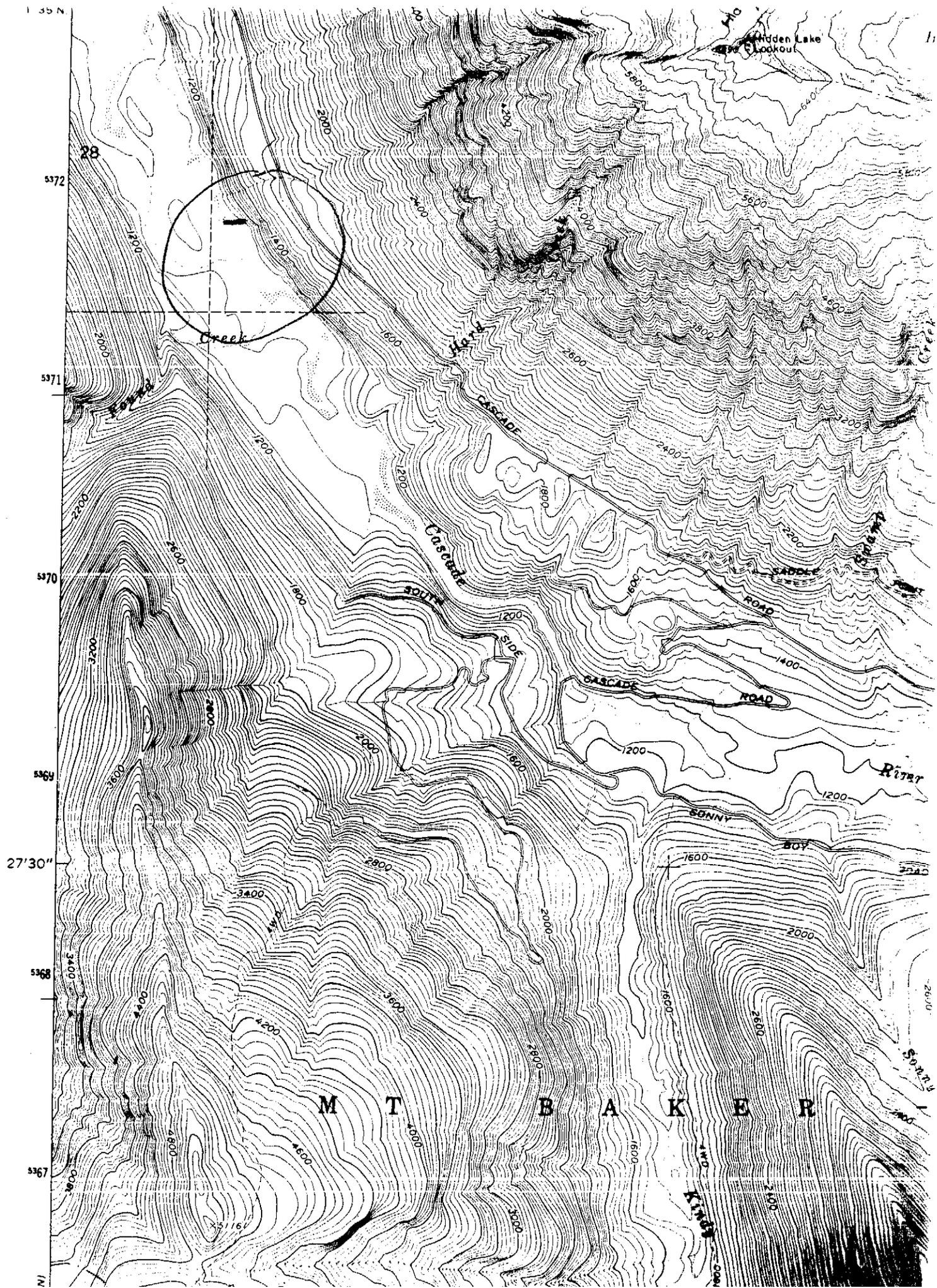
ADDITIONAL COMMENTS: From the 1550 road, there is a grade that takes off on the upriver side of the road just before the bridge. This grade turns into a foot trail and eventually leads to this site.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site id. code: CA4RB1
Site name:
Scale: 1" = 40m
Observer(s): MICHAEL OLIS
Legal location: SE 1/4 S21 T35 N R12E





1 35 N
28
5372
5371
5370
5369
27'30"
5368
5367
(N)

M T B A K E R

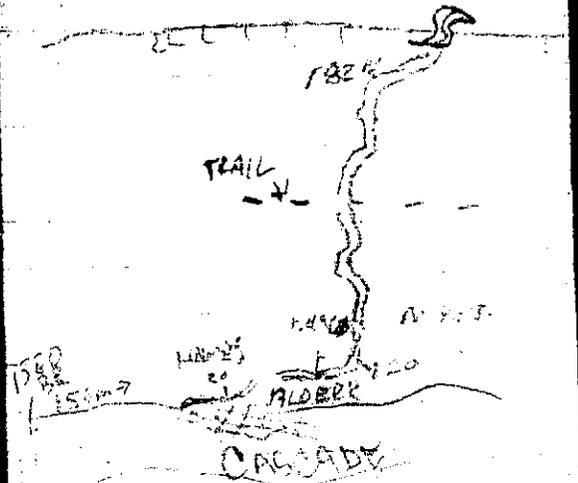
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12/2/97

CA4 RB1

RM 12.5

~~S~~ 1/4 ~~S~~ T35 R12



0.0 ENTRY

R. WTR. TEMP - 40°

STEM TEMP - 41°

FLOW - 0.2 CFS

- L. POOL @ ENTRY

TRK SETTING GR

BAR

- 20m WW 1m

- SILTY SUBSTR.

- BRUSHY

- 35/65 P:R

75m WW 1m

- SOME P. GRAVEL

- 25m FROM ACTIVE CH.

120m WW 1.5m

- 3m² SP HAB
- TO 1" GR.
- WOOD LWD PRESENT.
- 2 AD. COMO
- CARCASSES
- 2 REDDS
- STRM. TAKES
- DOG LEG. LEFT.

147m WW 1m

- 3m² SP HAB
- TO 2" GR.
- GRADE INCREAS.
- @ a 18"
- DROP - JUV. BARRIER

160m WW 1m

- 2m² SP
- @ FOOT TRAIL

182m WW 1m

- RIFF
- @ TOE OF HILL

235m WW 1.5m

- RIFF - CASC.
- GRADE x 6%
- @ BASE OF 25' FALLS.
- BOULDERY SUBSTR.
- LOTS OF LWD
- VERY BRUSHY
- WTR TEMP 41.5

COMMENTS

- @ BEGINNING
IT STARTS MS
A- GRAVEL & INCR.
TO BOULD.
- ADULT USE
- PROB. SUV USE
- LOWER END
HMOD. FLOODING.
- SITE SHOULD
SHOW UP ON AERIAL
- FAIR REARING HAB.
- GOOD SP. HAB.
BUT LITTLE SHALLOW
SURFACE FED?