

SITE INFORMATION

Site Identifier : CA5RB1 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1524X **Address :**
Region : NS **Address2 :**
Trib to : 03.5124 **City :**
River Mile : 0.04 **State :**
River System : Cascade R **Zipcode :**
Legal Description : NE1/4S2T34NR12E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Directions :

Take the Cascade River Road out of Marblemount for approximately 14.3 miles to the 1570 Road on the right. Go down the 1570 Road to the Cascade River. Hike upriver for approximately 0.4 miles to trib 03.1524. Go up the trib for approximately 75m to the site.

Area Overview :

This trib appears to be surface fed and is a little on the high gradient side for coho winter rearing but a few juveniles were observed in the site. It offers about 8 square meters of good spawning habitat before the grade gets above 12% as it flows down the valley wall.

Field Survey Information

Date : 03/12/1998 **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: 6.9
Upper end: 6.7

Receiving Water Temperature (C): 6.4

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 1m **Ponds:** **Wetlands:**
Depths: Channel: 15cm **Ponds:** **Wetlands:**
Total length (includes ponds and wetlands): 205m

Total existing habitat area (est. m2): 253

Spawning area:	Mainstem: 9	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 244	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Consists of: 1" to 4" gravel, good cover from occasional root overhangs and LWD, and the grade ranges from 4% to 5%.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The 1m wide stream is 4% to 6% grade, has good brushy cover from vine maple and devils club, has some root overhangs along the banks as well as good amounts of LWD in places and is approximately 30% pooled.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The site looks stable with little evidence of flood damage as it flows on the higher part of the bench.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a small eddy 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 adults and there is some good spawning habitat available, however there were no adults or redds observed. There were a few coho juveniles seen.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Some of the juveniles observed were trout.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: The habitat ends as the grade increases to 12% and over as the creek comes down the valley wall.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

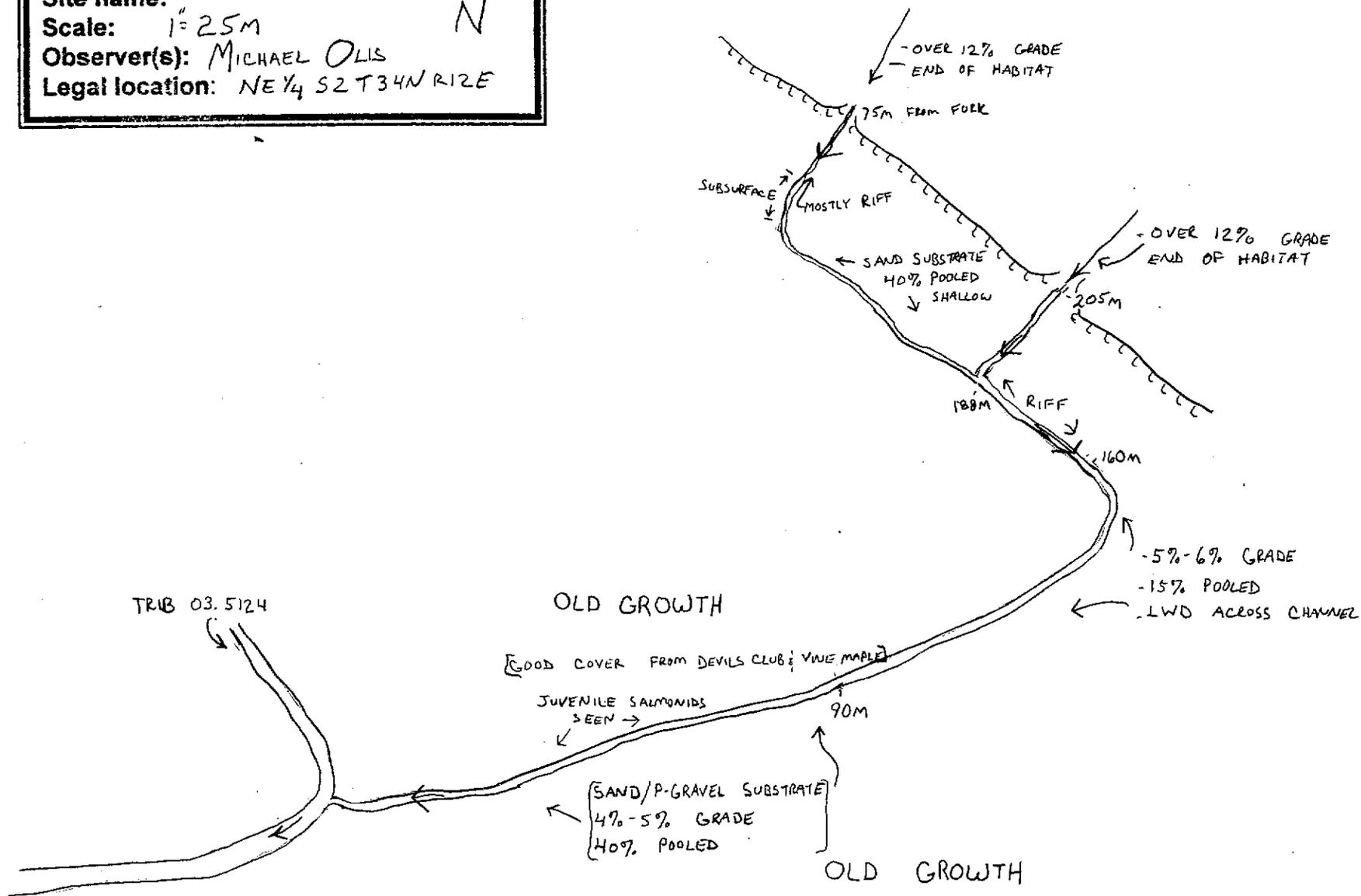
Site id. code: CA5RB1

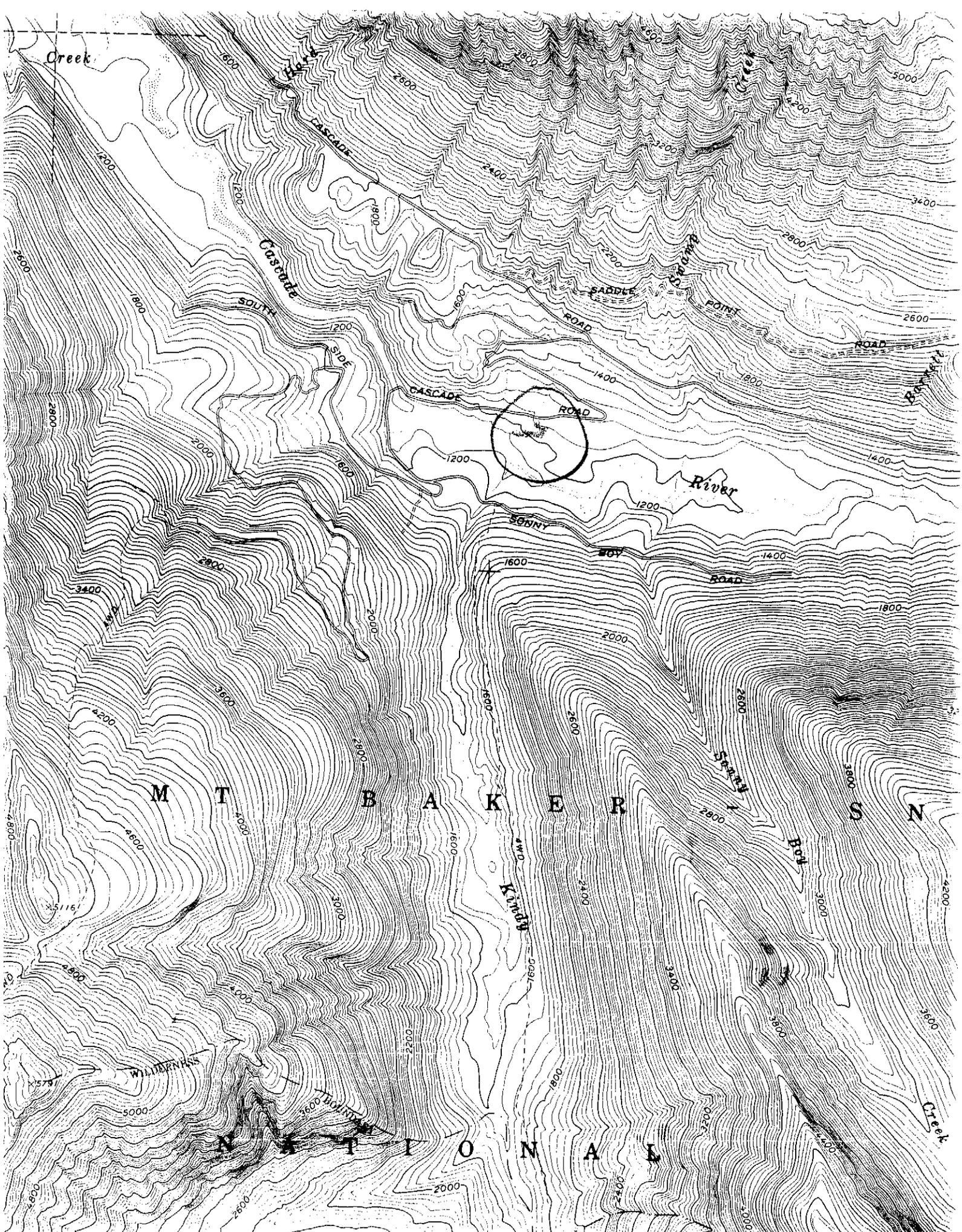
Site name:

Scale: 1" = 25M

Observer(s): MICHAEL OLIS

Legal location: NE 1/4 S2 T34N R12E





Creek

Cascade

SOUTH SIDE

CASCADE ROAD

SADDLE POINT

ROAD

River

SONNY ROAD

ROAD

MOUNT BAKER

SPRUCE KNOB

ROAD

WILDERNESS

MOUNT BAKER NATIONAL WILDERNESS

Creek

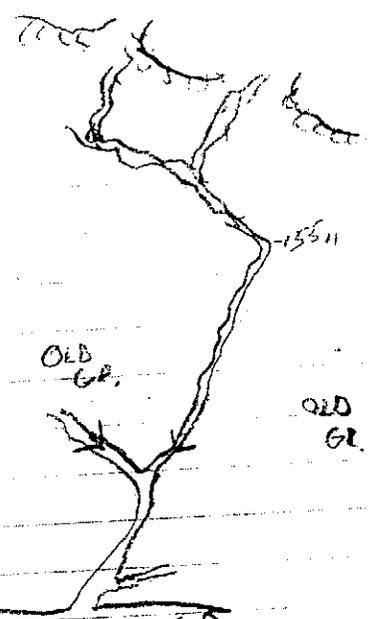
3/12/98

CAS RB1

RM 0.04

NE 1/4 S2 T34 N12 E

TRIB TO 03.5124



← CASCADE R.



0.0 ENTRY

- FLOW 0.25 CFS
- TEMP 44.5
- RWT TEMP 43.5
- ACCESS - EDDY POOL
- @ ENTRY
- 2.59 M OF SP HAB
- @ MOUTH 2'-4" GR.
- w/ ROOT OVERHANG

90M WW 1M

- 4 MORE M² SP HAB
- SUBSTR. MOSTLY SAND AND P. GRAVEL
- 4% - 5% GRADE
- 40% POOLED

90m ... GOOD COVER
FROM WIDE MAPLES
& DEWY CLIM.
- JUV. SALM. SEE ✓

160m WW 1m
- 5% - 6% GRADE
- 15% POOLED
- 3m² SF HAB
- LWD ACROSS CHANNEL

188m WW 1m
- ALL RIFF
- FORK ON RB

[RF

20m 1m WW

20m FLOWS
UNDER LITTER
- SHALLOW 4%

30m WW 0.5m
- SANDY SUBSTR.
- 40% POOLED

75m WW 0.5
/ FLOWS UNDERGROUND
FOR 8m.
- END OF HAB
GRADE TOO STEEP
- MOSTLY RIFF]
- BACK TO
MAIN SYSTEM

205 m WW 1m
- SMALL CASCADES
- 12% ABOVE
THIS POINT - END
OF HAB,

TEMP 44°

COMMENTS

- PROB SPRING FEEDS
SURFACE
- YEAR ROUND FLOW
- GOOD COVER
ON HIGH GRADED
SIDE FOR COWS...

- ... AT LEAST UPPER
HALF.
- LOOKS STABLE
LOW FLOODING
- GOOD ROOT OVERHANGS