

SITE INFORMATION

Site Identifier : CA5LB2 **Landowner Type :** Federal
Site Name : **Landowner Name :** USFS
WRIA : 03.1411X **Address :**
Region : NS **Address2 :**
Trib to : Cascade R **City :**
River Mile : 17.20 **State :**
River System : Cascade R **Zipcode :**
Legal Description : NE1/4S1T34NR12E **Phone :**
County : Skagit
Habitat Type : terrace tributary

Directions :

Take the Cascade River Road out of Marblemount for approximately 16 miles to just before the Mineral Park Campground. Park and hike downstream approximately one mile and cross the Cascade River to a side channel on the left bank and follow to the site.

Area Overview :

Site is a short groundwater fed channel that has no spawning habitat but offers excellent rearing habitat with excellent cover under a forest of old growth cedars.

Field Survey Information

Date : 3/18/98 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

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

Flow: () Intermittent(x) Year-round

Estimated Flows (cfs): Lower end:0.1
Upper end:0

Water Temperature(C): Lower end: 7
Upper end: 7

Receiving Water Temperature (C): 5.5

Other Observations:

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

Widths: Channel:1.0 **Ponds:** **Wetlands:**
Depths: Channel: 0.1 **Ponds:** **Wetlands:**
Total length (includes ponds and wetlands): 65

Total existing habitat area (est. m2):66

Spawning area:	Mainstem: 0	Tribs:	Total: 0
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 66	Tribs:	Total: 66
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: Low gradient, mostly pooled channel fed by groundwater with very good instream cover surrounded by an old growth cedar forest.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Appears to be outside the active floodplain of the Cascade River.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Site enters an active side channel channel to the Cascade river with no blockages.

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

Describe: Coho juveniles were observed in very high densities on the day of the survey.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Trout use assumed but undetermined.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site id. code: CASLB2

Site name:

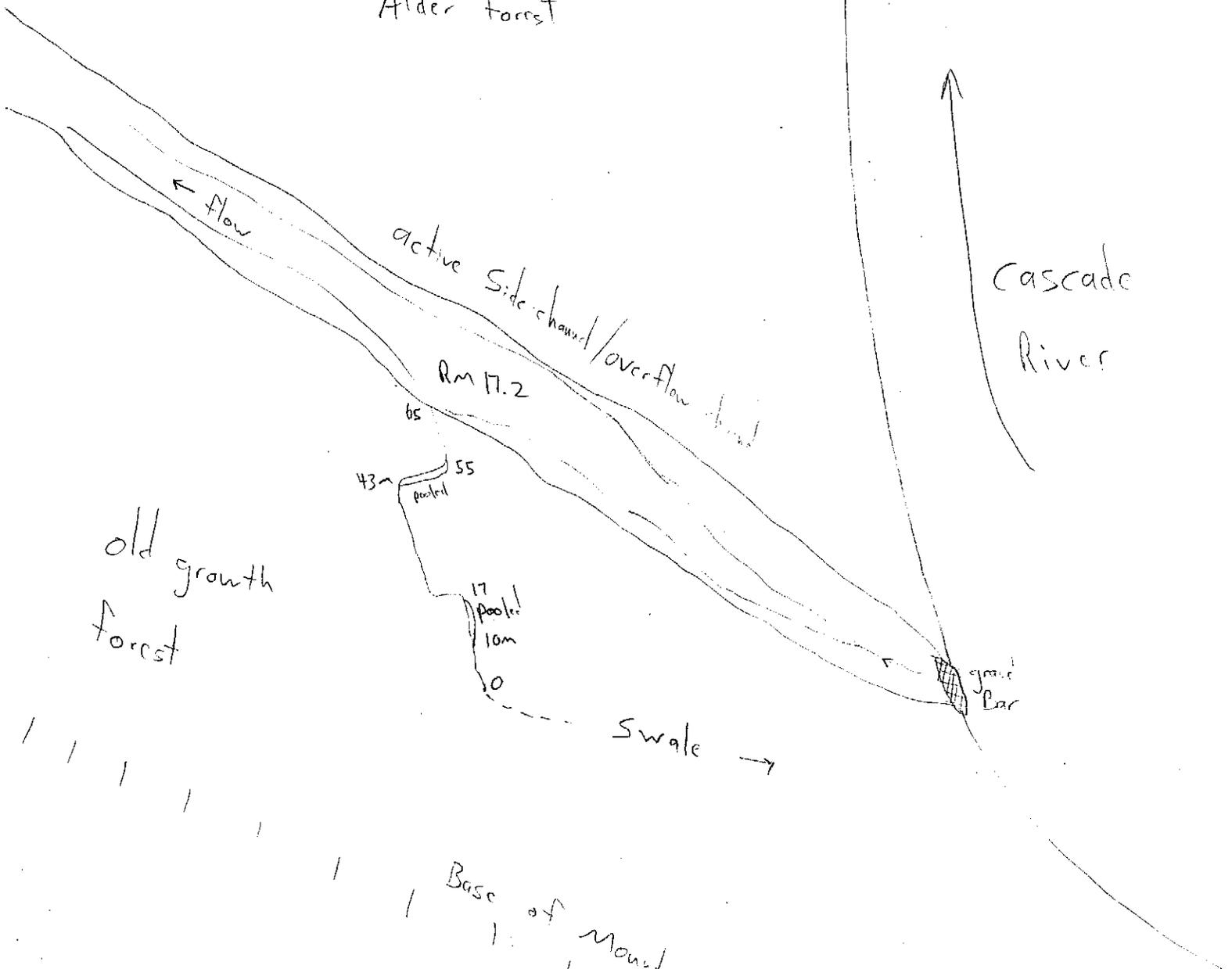
Scale: 1" = 30m

Observer(s): B. Barkdull

Legal location: NE 1/4 S1, T34N, R12E



Alder forest



old growth forest

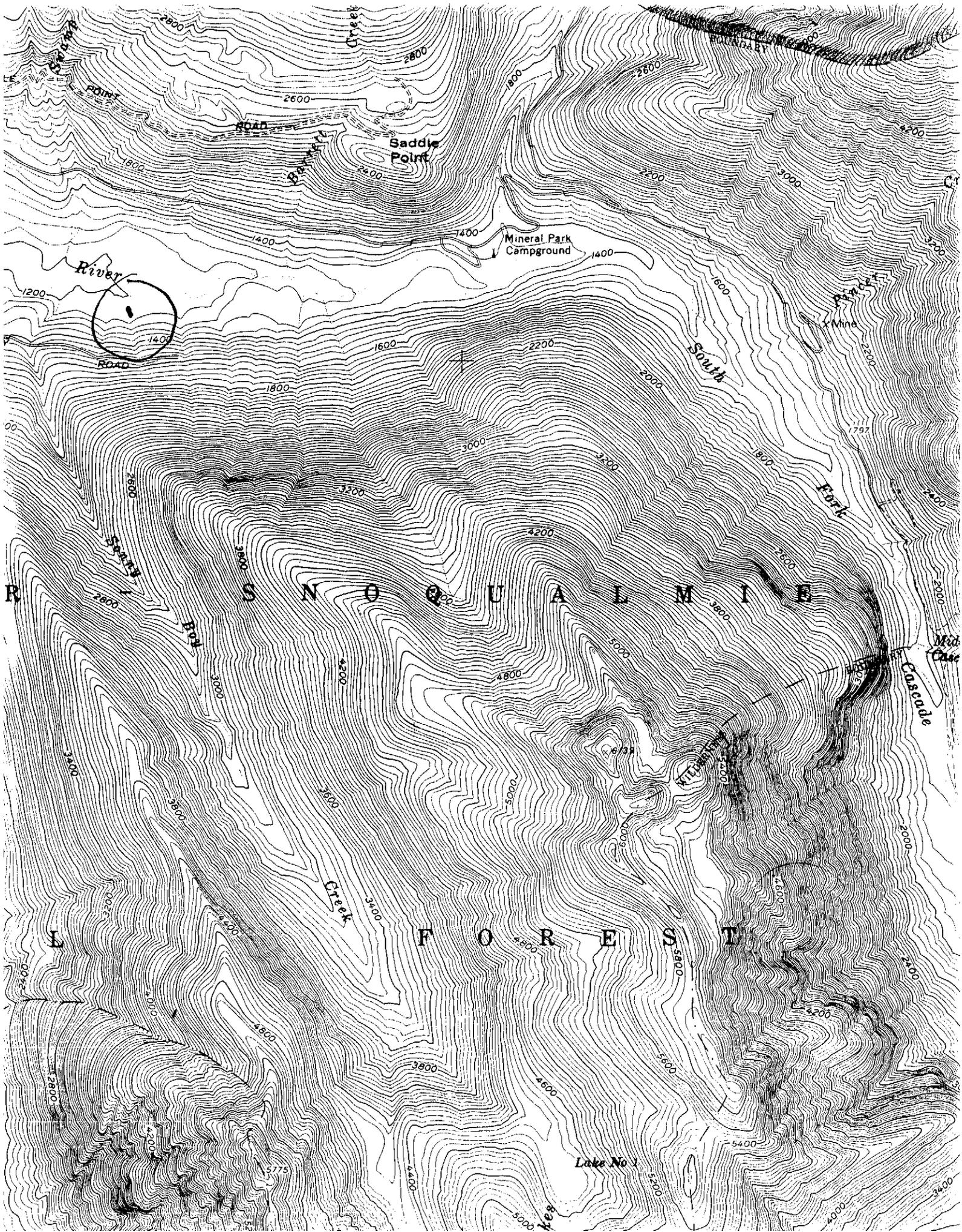
Swale →

Base of Mountain

Cascade River

old deer cut

7354



3/12/97 trib to cascade, above
Sonny Bay. Side channel area
enters very stable side channel,
originated at base of old clearcut

0.0 0.4 trickle

10. 0.5 " First Fish

17 1.0 Pooled, many fish

43 1.0

55 2.0 Pooled, entering active
flood plain

65 0.4 Riffly, enters side ch
much woody debris, brush
~45°

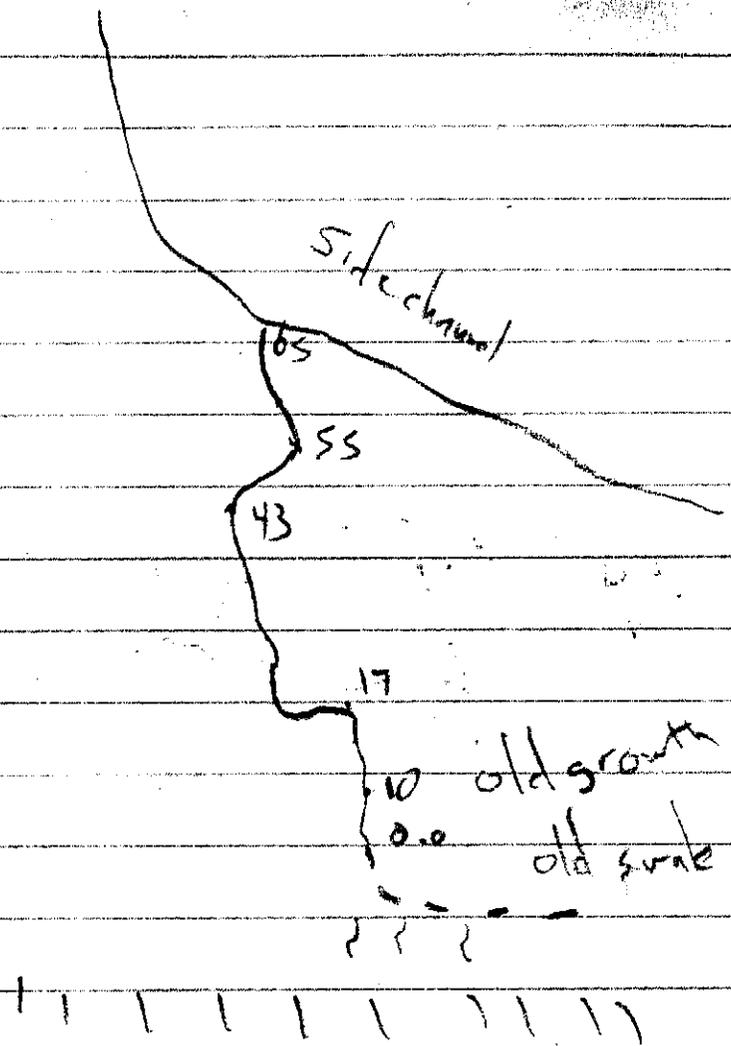
Side channel quite warm

River 41, 44, in trib

CA5LBZ

Rm 17.2

NE 1/4 1 T34N R12E



3/18/98 trib to cascades above
 Sonny Bay in Side channel area
 enters very stable side channel,
 originates at base of old clearcut
 0.0 0.4 trickle
 10. 0.5 " First Fish
 17 1.0 Pooled, many fish