SITE INFORMATION

Site Identifier : CA4LB4
Site Name :
WRIA : 03.1411X
Region : NS
Trib to : Cascade R
River Mile : 14.20
River System : Cascade R
Legal Description : NW1/4S34T35NR12E
County : Skagit
Habitat Type :

Landowner Type : Federal
Landowner Name : USFS
Address :
Address2 :
City :
State :
Zipcode :
Phone :

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 follow until you cross the Cascade and park. Hike upriver for about 1.8 miles to the site which is located 0.2 miles above Found Creek entering a side channel. See map.

Area Overview :
Site is a very stable groundwater fed wall-based channel that offers excellent coho spawning and rearing habitat throughout its accessible length.

Field Survey Information

Date : 3/26/98 **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:6
Upper end:6

Receiving Water Temperature (C): 5

Other Observations:

Site Area Measurements: ( )Indirect (x) Direct ( ) Combination
Widths: Channel:3.5 Ponds: Wetlands:
Depths: Channel:0.2 Ponds: Wetlands:
Total length (includes ponds and wetlands):476

Total existing habitat area (est. m2):

Spawning area:	Mainstem:321	Tribs:	Total:321
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 1357	Tribs:	Total:1357
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: ( ) None ( ) Poor ( ) Fair ( ) Good (x) Excellent

Describe spawning habitat: Patches of moderate sized gravel in between pools. Because of even flow conditions site offers excellent egg incubation.

Rearing habitat conditions: ( ) None ( ) Poor ( ) Fair ( ) Good (x) Excellent

Describe pond and other rearing habitat: Low gradient channel with a high percentage of pools, excellent overhead cover in a largely old growth forest. Excellent instream cover with many very large cedar trees across the channel and water parsley in silty areas.

Describe unaccessible habitat:

Wetland type: ( ) Bog ( ) Marsh ( ) Scrub-shrub ( ) Forested

Describe:

Flooding potential: (x) Low ( ) Medium ( ) High

Describe: Site does not appear to be flooded by even the most extreme events; no evidence of being flooded in 1995.

FISH INFORMATION

Site entry condition: ( ) Poor ( ) Fair (x) Good

Describe: Site enters a slow moving side channel.

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

Describe: Site was absolutely stuffed full of newly emergent fry and presmolts on the day of the survey. Every patch of gravel throughout the site appeared to have multiple coho redds. Fish bones were scattered about by a bear that had stomped a wide trail down the creek.

Other species access and use: ( ) Chum ( ) Pink ( ) Sockeye ( ) Chinook (x) Trout

Describe: Trout use probable

ENHANCEMENT OPPORTUNITIES: None

Project type:

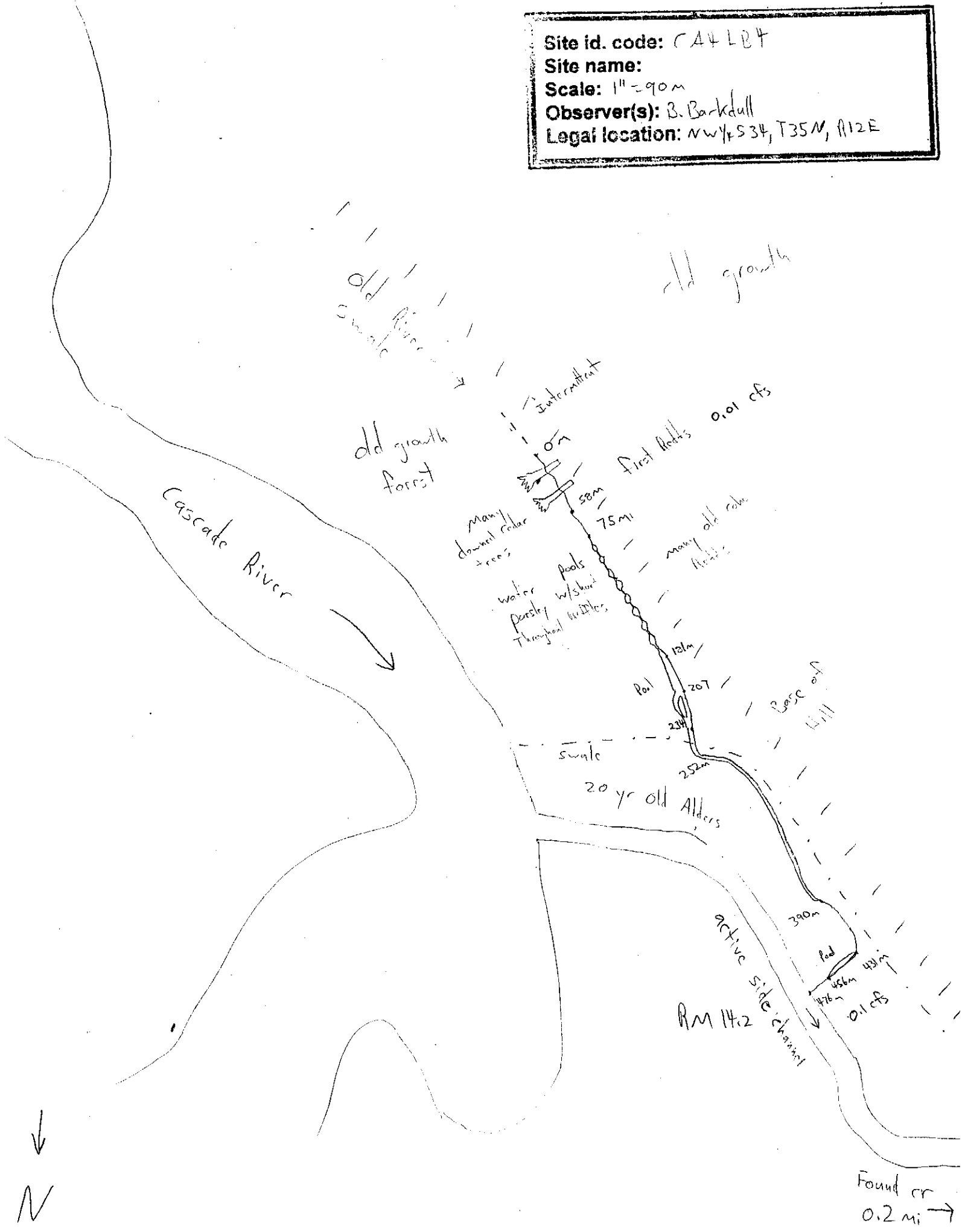
Equipment access:

ADDITIONAL COMMENTS: Extremely productive site as is the side channel that it enters. Extremely high spawning densities seem to occurr in the side channels and tributaries in this area of the Cascade river

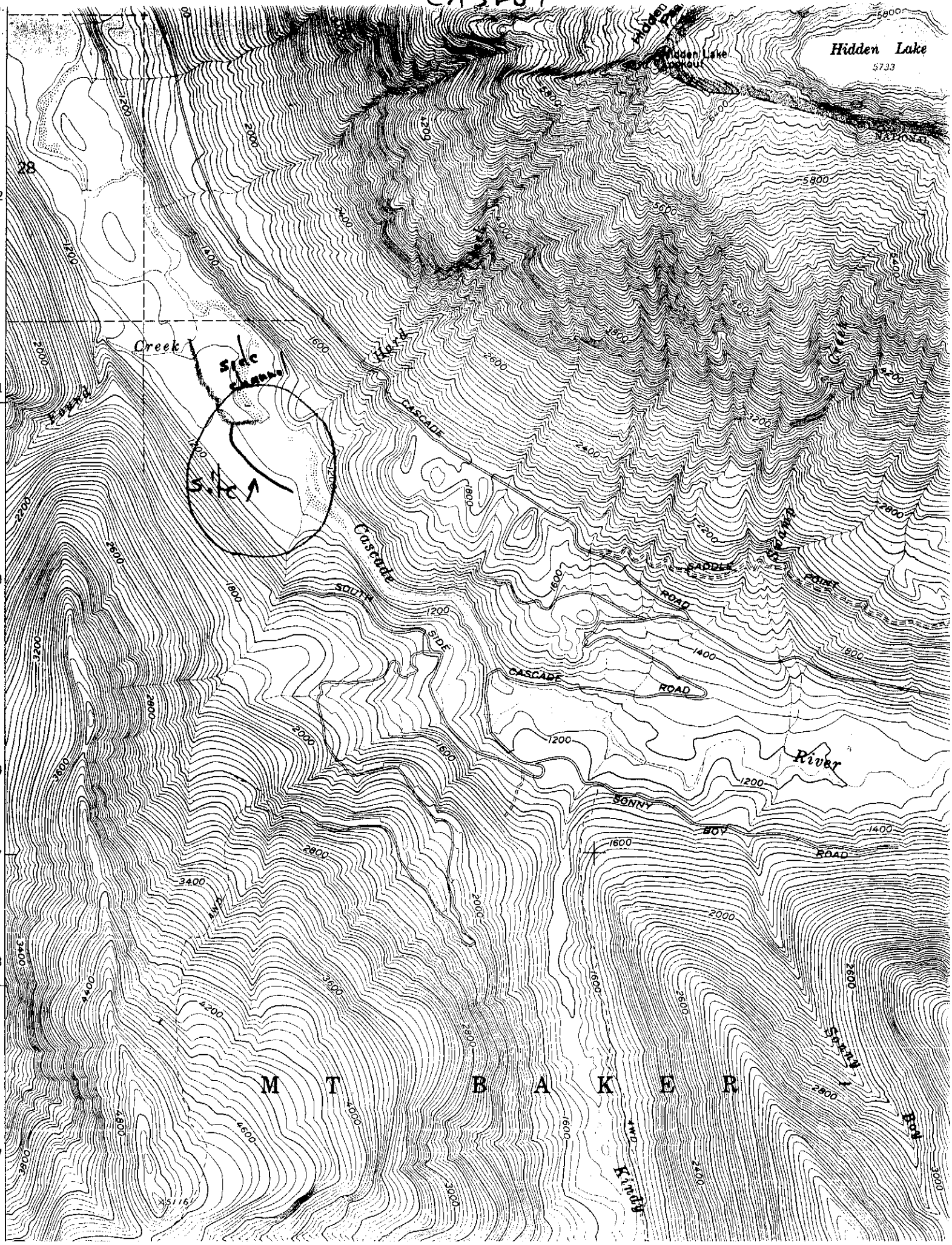
ATTACHMENTS AVAILABLE

(x) Aerials (x) Sketch (x) Maps ( ) Spawning Surveys ( ) Juvenile Trapping
( ) Other References

Site id. code: CA4LB4
Site name:
Scale: 1" = 90m
Observer(s): B. Barkdull
Legal location: NW¼ S34, T35N, R12E



CA3LB1



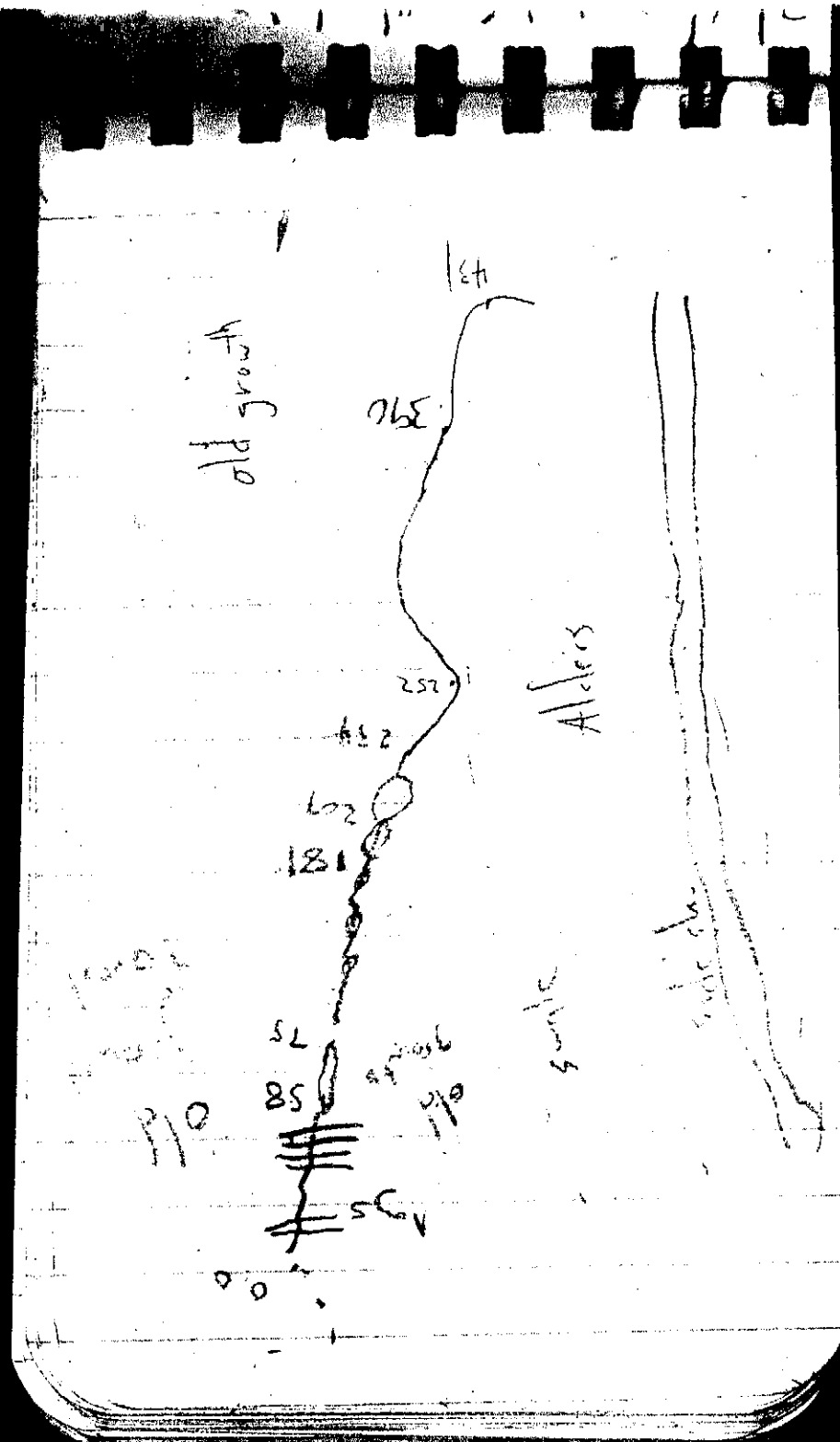
Hidden Lake
5733
Hidden Lake
Hidden Pass
NATIONAL
28
Creek
Hard
Found
Site channel
Site
CASCADE
Cascade
SOUTH
SIDE
CASCADE
ROAD
SADDLE
POINT
ROAD
Swamp
Creek
River
SONNY
BOY
ROAD
M T B A K E R
Sonny
Boy
Kindy
4WD

3/26/98 trib (wall based ch.) enters
Side ch of cascade 0.2 above
found cn
0.0 1.0 Head end, Intermittent above
for ≈50 m. old River ch.
58 1.0 ave. first gravel patches
w/Redds, water parsley 0.01 cfs
75 2.5 goes subsurface for
2m, much thick brush, moss
on unwetted bottom of old sand
181 2.8 Mostly pool with
very short Riffles, many
Redds, 50% spawning gravel
w/ short pockets of cobble
& silt 0.1 cfs
207 4.0 all Pool, channel splits
234 4.0 channel comes together
10% sp. gravel, silty area

252 3.5 Entering swale of side ch
all silty
390 3.5 Patches of gravel, 10%
431 2.0 1% gradient, 50/50 Pool/Ri
50% sp
456 3.0 all pool
476 1.5 all Riffle & sp.

1 carcass observed (Jones) [illegible]
has made quite at tual

CA4LB4
RM 14.2
NW34, T35N, R12E


old growth
Alders
181
85