

**SITE INFORMATION**

**Site Identifier :** CA3LB4 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.1411X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Cascade R **City :**  
**River Mile :** 10.00 **State :**  
**River System :** Cascade R **Zipcode :**  
**Legal Description :** SE1/4S17T35NR12E **Phone :**  
**County :** Skagit  
**Habitat Type :** terrace tributary

**Directions :**

From the Marblemount bridge, head up the Cascade River Road for approximately 10.9 miles just before Sibley creek. There is an old trail that heads down to the lower bench and to Sibley cr. Hike out to the river and cross it. The site is located at the back end of this bench, just below the toe of the hill.

**Area Overview :**

This terrace trib has a small amount of beaver activity at first but is a 1m wide creek that is mostly slow moving and pooled as it flows along the back of the bench. It has good coho juvenile use with no spawning habitat present.

**Field Survey Information**

**Date :** 03/19/1998 **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: 0.1  
Upper end: None

**Water Temperature(C):** Lower end: 6.7  
Upper end: 11.1

**Receiving Water Temperature (C):** 5.8

**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): 1132m

**Total existing habitat area (est. m2):** 2220

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

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

**Other rearing area:** Mainstem: 2220 Tribs: Total:

**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: In the lower end of the site there is a small amount of beaver activity creating a couple of small ponded areas. These are mud bottomed with some sedges, rush, canary grass and water parsley present and good brushy cover along the edges. The rest of the site is a 1m wide stream with good meander, slow-moving and pooled habitat. It has a muddy substrate, is approximately 4" to 8" deep with good brushy cover along the edges. The left fork of this site that runs along the wall base is peppered with skunk cabbage and has very mucky substrate.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: The lower 32m appears to get flooded on a yearly basis while the area above appears more stable.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: Large pool present at entry.

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

Describe: There is no spawning habitat for adults but there were good numbers of juvenile coho present.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Although no trout were observed, this site is accessible and probably used by them.

ENHANCEMENT OPPORTUNITIES: None

Project type:

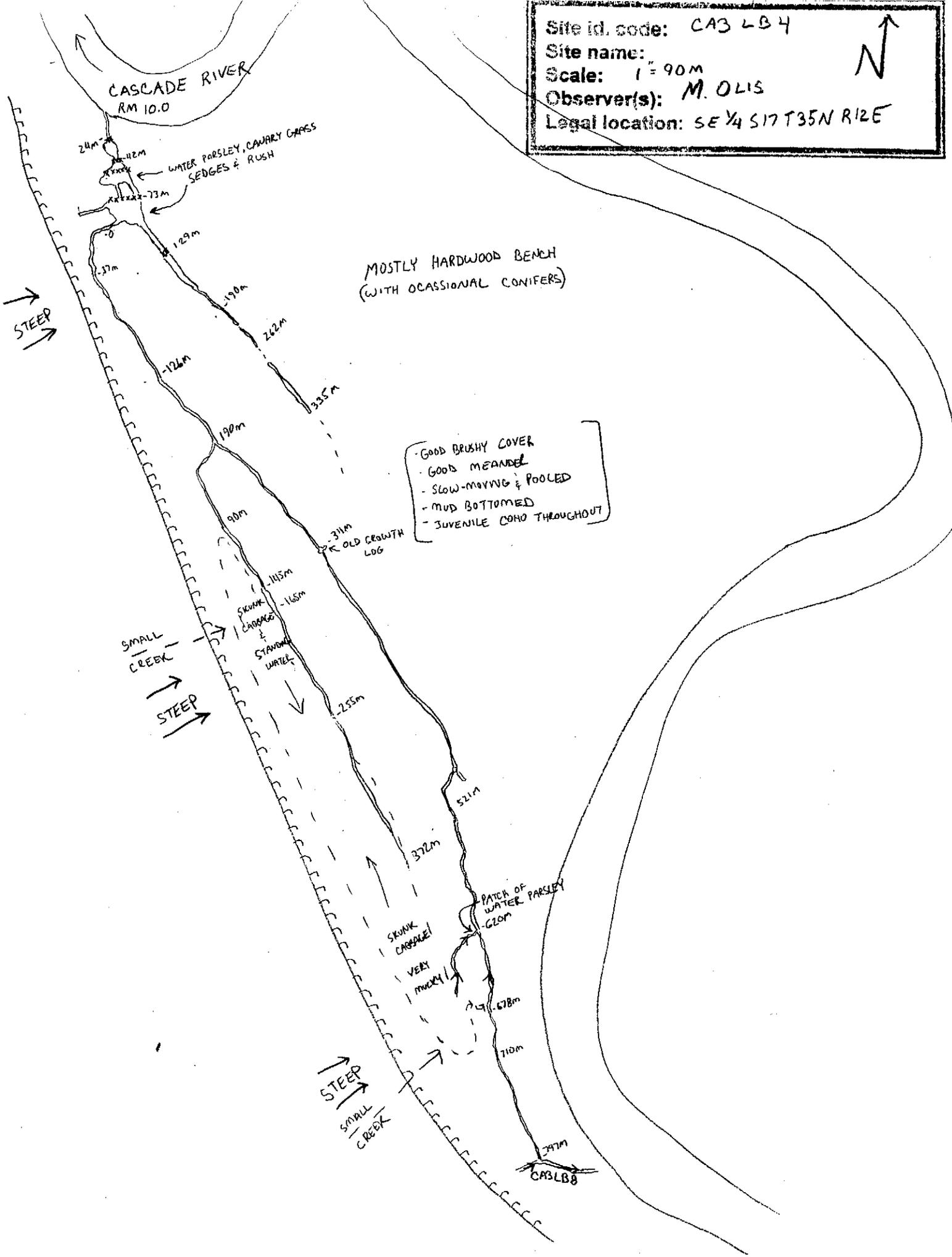
Equipment access:

ADDITIONAL COMMENTS: At the very upper end of this system, there appears to be a wetted connection between this site and CA3LB8. They were treated separately because CA3LB4 had most of its flow originating from the bench below the wetted connection. Also, CA3LB8 has separate outlets to the river.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

Site id. code: CA3 LB4  
 Site name:  
 Scale: 1" = 90m  
 Observer(s): M. OLIS  
 Legal location: SE 1/4 S17 T35N R12E



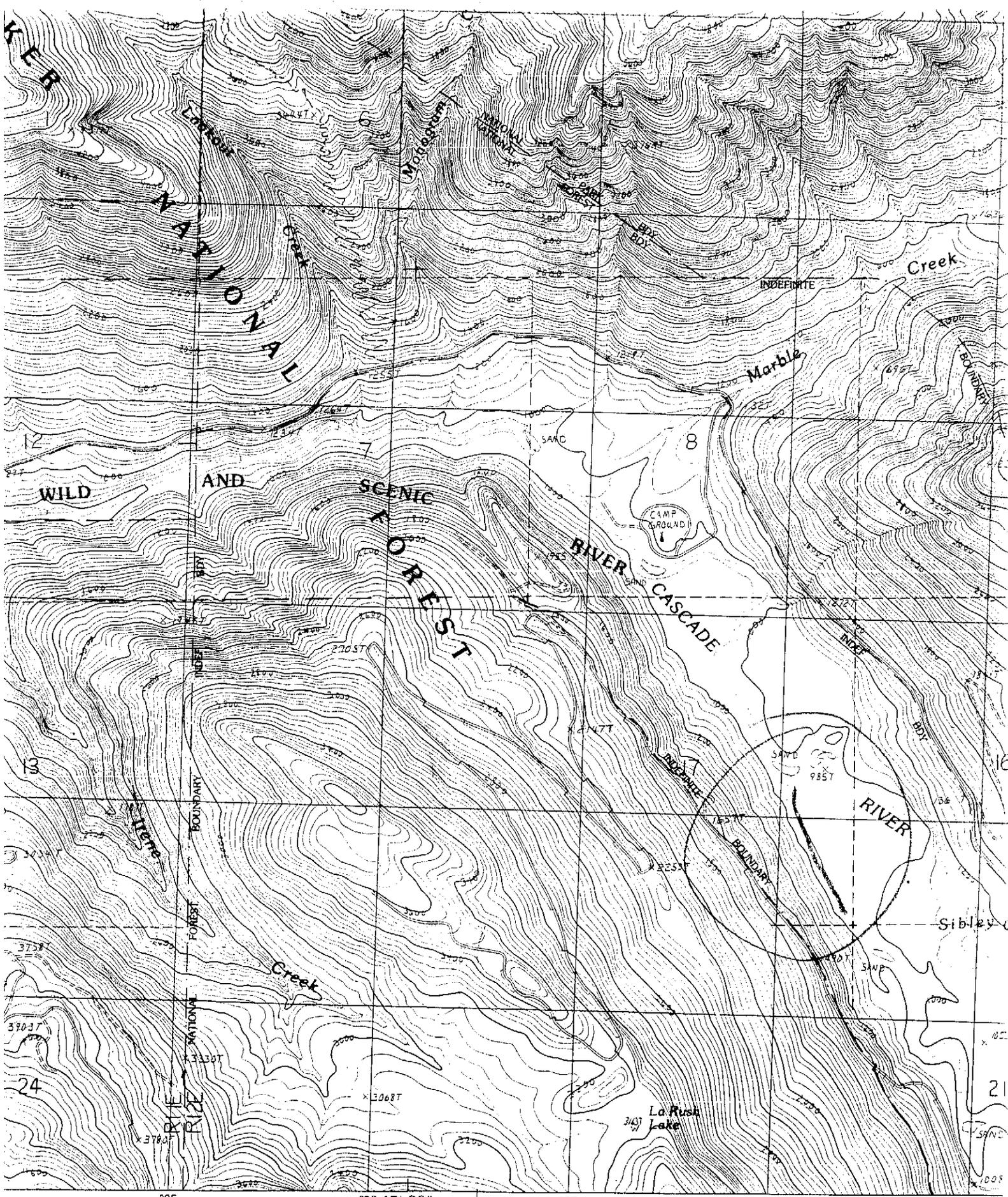
MOSTLY HARDWOOD BENCH  
 (WITH OCCASSIONAL CONIFERS)

- GOOD BRUSHY COVER
- GOOD MEANDEL
- SLOW-MOVING & POOLED
- MUD BOTTOMED
- JUVENILE COHO THROUGHOUT

SMALL CREEK  
 STEEP

STEEP  
 SMALL CREEK

CA3LB8



SCALE 1:24 000

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1989



ROAD LEGEND

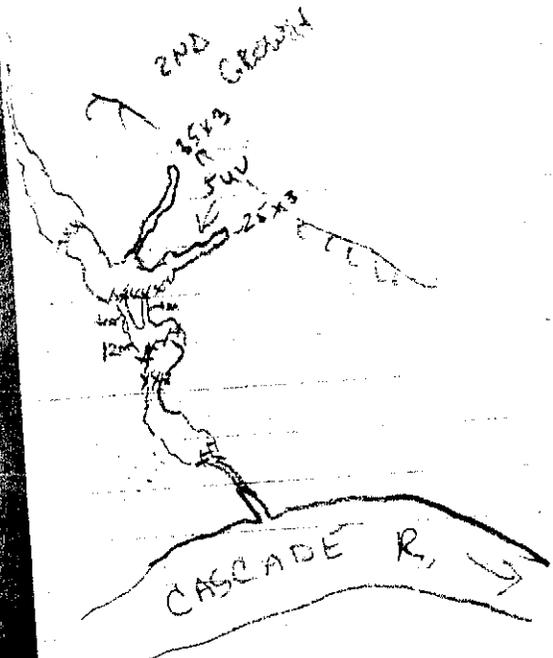
Improved Road .....

CA3 LB4

RM 10.0

SE 1/4 S17 T35N R12E

3/19/98



0.0 ENTRY

- FLOW 0.1 CFS
- WTR TEMP: 44°
- R. WTR TEMP: 42.5°
- ACCESS LARGE AREA

24m WW 0.75m

- SLOW-MOVING
- SILTY/MUDDY-MUCKY
- FULL OF COMB O'S
- @ 4m BUR DAM  
W/ WATER TRICKLING  
THRU,

32m WW 8m Pool

- MUDY LEAF BOTTOMED

412m WW 5m POOL

- @ 6m BUR DAM

48m WW 12 POOL

- @ 12m BUR DAM W/  
ACCESS

73m WW 6m POOL

@ 15m DAM  
DAM 26m.

86m WW 8m POOL

- JUST BEYOND 2ND

FENCE ON LB  
W/ PARSLEY, STAB FLOW?

- SEDGES, PUSH AND CAN. GR.

129m WW 6m POOL

- HEAVY BRUSH ALONG  
EDGES,

@ 6m BUR DAM

- NO FLOW TODAY,

- SUV SEEN TO THIS POINT

156m WW 8m POOL

- HEAVY BRUSH  
OVER HAUG

190m WW 2m

- STARTING TO SHALLOW UP  
VERY MUCKY W/  
SKUNK CABBAGE

236m wad low

- DRIED OUT IN A FEW PLACES BUT WETTED IN THE WINTER LEAF BOTTOMED.

262m wad 2m pool

- SEVERAL JUNES SEEN IN THIS LAST POOL - WTR TEMP 52° BARELY WET.

DEED CHANNEL CONTINUES  
FOR TO 322m

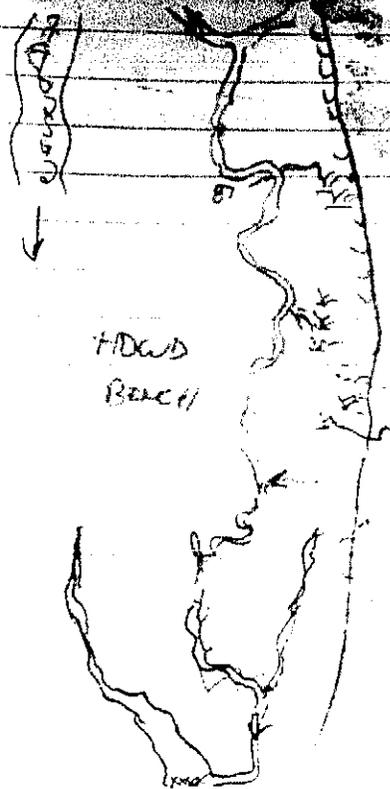
335m wad 2m pool

- A FEW JUN IN IT.
- DRY CH. CONTINUES AHEAD.

## COMMENTS

- EXC. REARING.
- MOD. FLOODING
- NO SPAWNILK HAS
- BEAVER POND.
- WETTED YEAR ROUND IN PLACES
- GOOD JUN USE.
- ALL THE WAY TO END.
- CH. MAY BE WETTED A LITTLE LONGER DURING WET WINTERS
- GND WTR FED.

3-30-88



LAST  
FROM A FINGER THAT EXTENDS  
TOWARDS HILL

37m WW 2m POOL

- MUCKY SUBSTRATE
- @ 2m BVR DAM PASSABLE

126m WW 1m

- RUNS ALONG TOE OF HILL
- MUDDY SUBSTRATE MOSTLY POOL

190m WW 1m

- MOSTLY POOL AND
- SLOW MOVING

190m...

TRIB ON LB

90m - WW 1m - SLOW  
MOVING & POOLED

- SEEP ON LB

145m - WW 1m POOL

- SW WUNDATED FROM  
SMALL TRICKLE OFF HILL  
- SKUNK CABBAGE EVERYWHERE

165m - WW 4m POOL

(SOME WATER SAND GRASSES  
PATCHES) - NICE POOL CREATED FROM  
SOME WOOD

255m - WW 1m

- STANDING WTR IN  
PLACES LOTS OF SK CAB.

~~400m~~  
<sup>372m</sup> NO DEFINED  
CHANNEL

~~400m~~  
<sup>372m</sup> ... SOME WTR  
COMING OFF HILL  
WUNDATES BENCH

- SKUNK CABBAGE  
EVERYWHERE  
- JUVENILES THRU OUT  
END OF THIS TRIB

BACK TO THE MAINSTEM,

311m WW 1m - MOSTLY PAGES

- @ OLD GROWTH LOG  
ACROSS CHANNEL - MAKES  
3m x 8m POOL  
- SOME STANDING WTR SN  
LB.

521m WW 1m

- MOSTLY POOL / SLOW-MOVING
- 2m x 10m POOL ON RB

620m WW 1m

- SMALL TRIB ON LB
- X 70m LONG x 1m
- SHALLOW, MUCKY & FULL OF SKUNK CABBAGE
- AREA INUNDATED BY WTR OFF HILL
- PATCH OF WTR PARSLEY @ CONFLUENCE.

678m - WW 1m

- SEEP ON LB
- JUV. SEEN

678m ... PATCH OF WTR PARSLEY.

710m - 0.75m

- SHALLOW, SLOW-MOVING
- SILTY, MUCKY SUBSTRATE
- STILL GOOD BRUSHY COVER

797m WW 0.75m

- GOOD COVER
- TAPS INTO SITE MAPPED BY BEETT.
- END OF HAB

COMMENTS

- EXC. REARING
- LOADED W/ SKUNK CABBAGE
- MAY HAVE SHORE WATER ON BENCH DURING WINTER.