

SITE INFORMATION

Site Identifier :	SA10RB2	Landowner Type :	Federal
Site Name :	Beaver Lake	Landowner Name :	USFS
WRIA :	03.1173	Address :	
Region :	NS	Address2 :	
Trib to :	Sauk R	City :	
River Mile :	33.20	State :	
River System :	Sauk R	Zipcode :	
Legal Description :	NW1/4S24T31NR10E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	beaver pond	East:	1,767,582.00 North: 1,033,325.00

Directions :

Take Mountain Loop highway out of Darrington for approximately 8 miles to the Beaver Lake trail parking area. Hike for approximately 1.25 miles upriver on the trail. Jump off the trail and hike towards the river for 200m to the Beaver Lake outlet.

Area Overview :

This beaver pond offers little spawning habitat and has some excellent rearing habitat that probably is not accessible to migrating juveniles. A Forest Service trail makes this site easy to find.

Field Survey Information

Date : 11/4/96 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.75
Upper end:

Water Temperature(C): Lower end: 6.4
Upper end: 5.5

Receiving Water Temperature (C): 4.4

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Chappel: 4 Ponds: 20 Wetlands:

Depths: Channel: 0.3 Ponds: 1.5 Wetlands:

Total length (includes ponds and wetlands): 1540

Total existing habitat area (est. m2): 13087

Spawning area:	Mainstem: 12	Tribs:	Total:
Impounded area:	Mainstem: 12849	Tribs:	Total:
Other rearing area:	Mainstem: 238	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: There is a small amount of spawning habitat which consists of 2"-4" gravel pockets located mainly below the first three or four small beaver dams.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The beaver ponds have excellent structure from both wooded debris and aquatic vegetation. It is 2m deep in places but water temperature is only one degree warmer than the river and it probably ices up during cold winter periods. It is doubtful that juveniles are able to reach ponded area because of a couple of tall beaver dams in the outlet.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: There is plenty of wooded debris around suggesting the ponded area has been flooded before but probably during major flood events.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a small eddy pool at entry making access somewhat easier for juveniles.

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

Describe:

Other species access and use: Chum Pink Sockeye Res. Trout Anad trout

Describe: No trout were seen but site is accessible to them.

ENHANCEMENT OPPORTUNITIES

Project type:

Equipment access:

ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

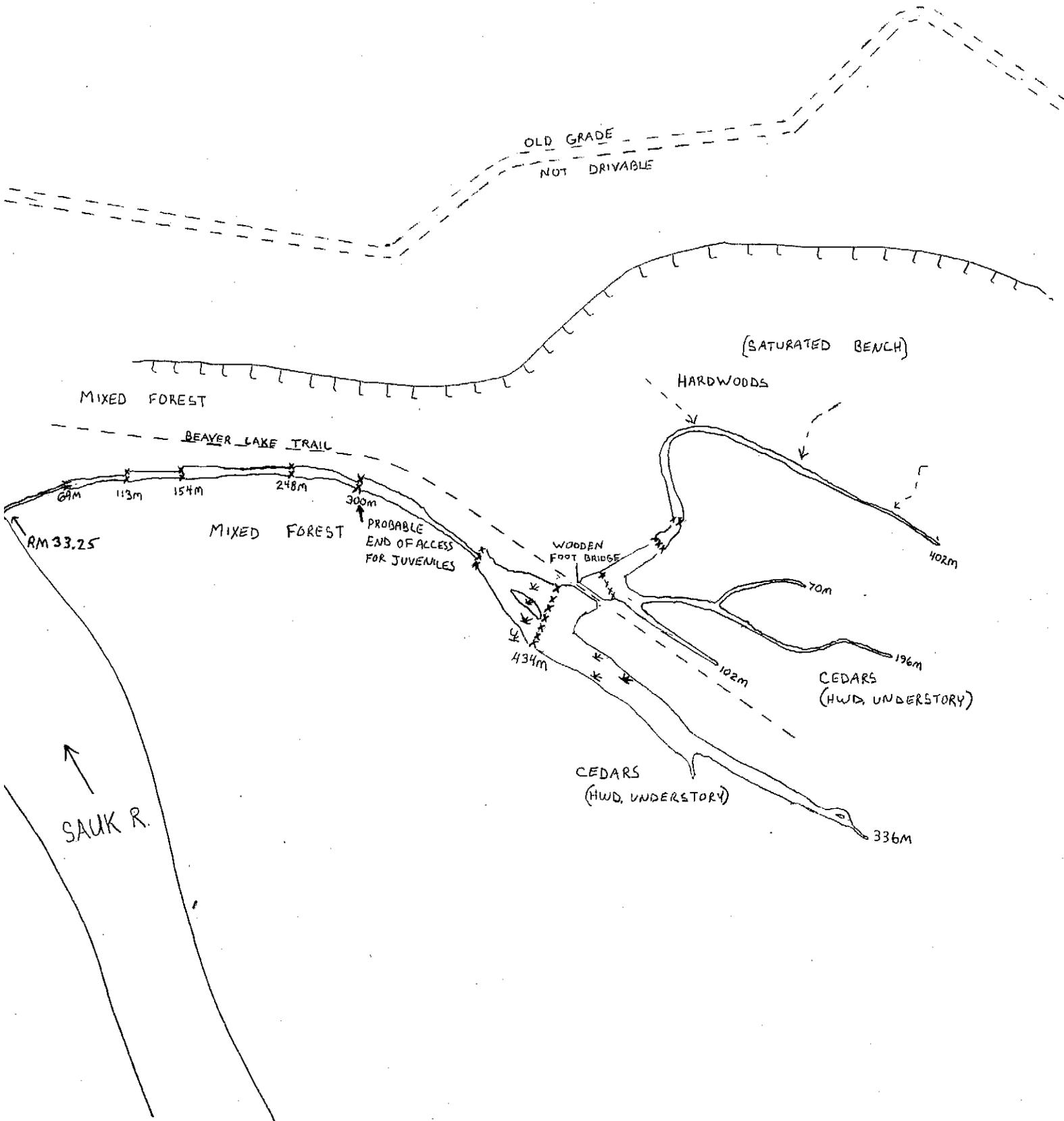
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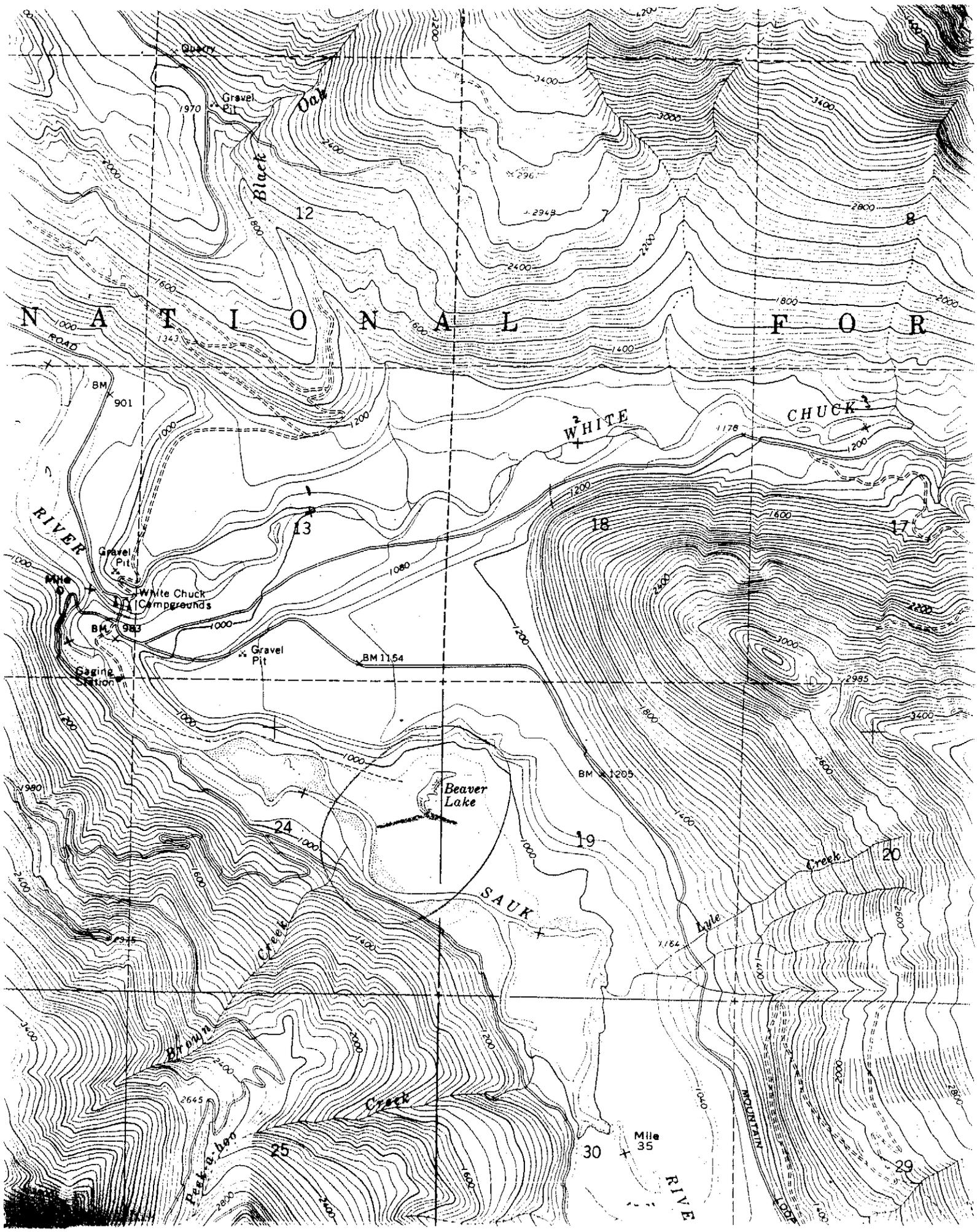
Site name: BEAVER LAKE

Scale: 1" = 110m

Observer(s): MICHAEL OLIS

Legal location: NW 1/4 S24T31N R10E





SAWRB #2

RM 33.20

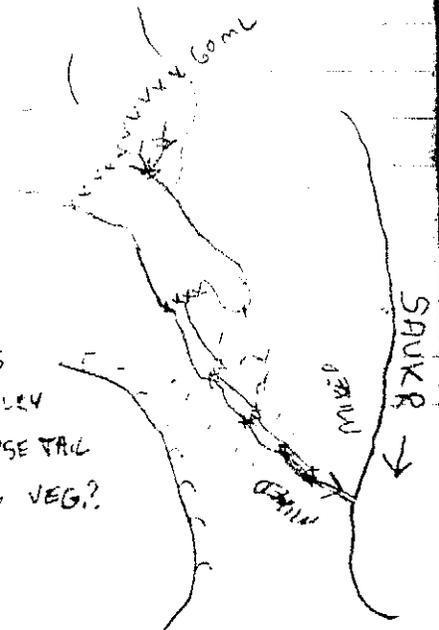
NW 1/4 S24 T31N R10E

4 NOV 96

BEAVER LAKE

PLANTS

CATTAILS
WTR. PARSLEY
RUSH, HORSE TAIL
FLOATING VEG.?



O.O ENTRY

- FLOW - 0.75 CFS
- REC WTR TEMP - 40°
- STEM TEMP - 43.5°
- ACCESS IS GOOD W/
VERY SMALL EDDY POOL
@ MOUTH
- WTR IS BROWN IN COLOR
- 47m W 2m mostly RFP
- GOOD COVER
- SHIP SP. TIME
- SUBSTR. IS MUCKY
W/ GRAVEL POCKETS
- @ 5' CEDAR FALLEN
OVER CREEK

650 WW 2m RIFF

- SHALLOW

@ 8m BVR DAM
PASSABLE

113m WW 5m

- MOSTLY POOL

- GOOD COVER

- 40' SP. H.

@ 10m L BVR DAM
PASSABLE

154m WW 8m MOSTLY POOL

- 5' SP HAB BELOW
BVR DAM

@ 10m BVR DAM
- SEEMS PASSABLE

- MUCKY SUBSTR W/
BROWN ALGAE.

248m WW 7m

- CANARY GRASS AND
HORSE TAIL ALONG BANK
IN PLACES

@ 10m W BVR DAM - PASSABLE
- GOOD WOODED STRUCTURE
IN POOLS

300m WW 8m POOL

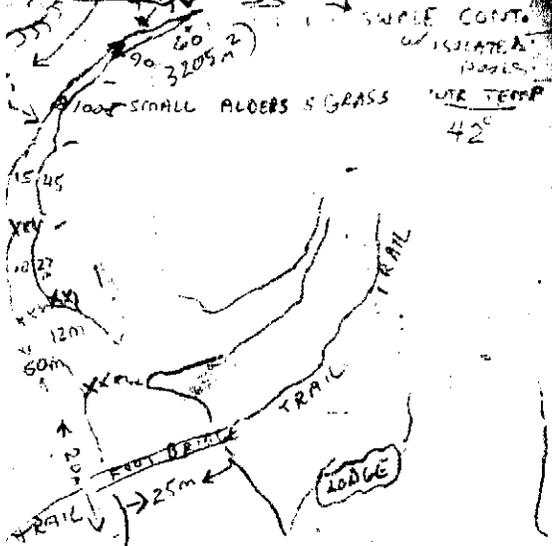
- @ 12m BVR DAM
- 6 FEET HIGH DOES NOT
SEEM PASSABLE EXCEPT
TO ADULTS DURING HIGH
FLOWS

350m 10m POOL

- 3" ALDERS IN POOLED AREA

400m WW 4m MOSTLY
POOL

INT. STEM ON RB
 200m x 1 MEANDER YARU ALDER
 SWAMP W/ HORSETAIL, RUSH, SKUNK
 CABBAGE W/ TR PARSLEY
 (S) SEPARATED BEACH (S) - TOE OF
 HILL

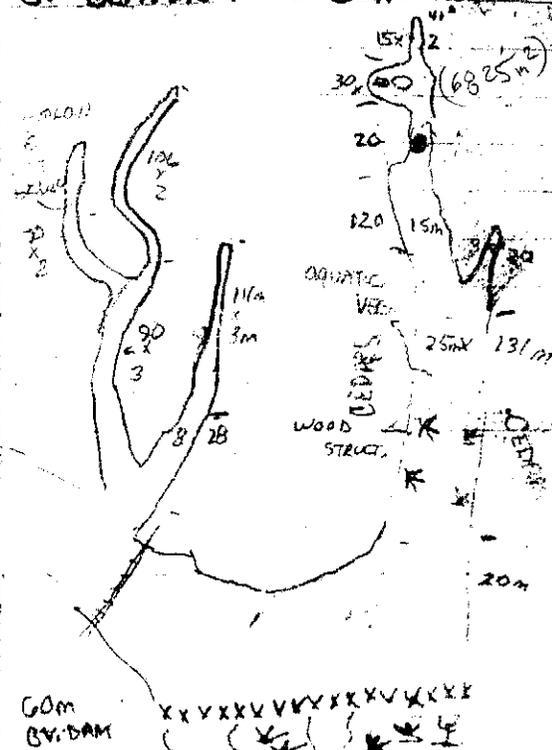


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ON R.F.
 - 20m TO FOOT BRIDGE
 SYSTEM
 IS A FORK IN THE ROAD
 - @ THIS DAM THERE
 SEEMS PASSABLE
 - @ 60m BVE DAM
 OUT WOUNDING AREA
 • GRASS PATCHES TRU-
 WITH SMALL ALDER
 - SWAMPY WET AREA
 40m W/ 15m BVAL
 FLOWS
 BRUITS DURING HIGH
 MIGHT BE PASSABLE TO
 @ 15m BVE DAM

TRIV 96 CONTINUATION
OF BEAVER LAKE COMPLEX



COMMENTS

- NOT MUCH SPAWNING HAB. AFTER 1ST 200M.
- DOUBTFUL IF SUV. CAN PASS ALL THE DAMS TO BIG PONDED AREA
- ROUNDED AREA HAS EXCEL. STRUCTURE FROM WITH WOOD & AQUATIC VEG.
- LOTS OF WOODEN DEBRIS IN PLACES SUGGESTING AREA HAS BEEN FLOODED @ ONE TIME
- PLENTY OF BEAVER ACTIVITY.
- CEDAR GROVE W/ HARDWOOD UNDERSTORY