

SITE INFORMATION

Site Identifier : WN3LB4 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0227X **Address :**
Region : NS **Address2 :**
Trib to : Lake Cr **City :**
River Mile : 12.21 **State :**
River System : W. F. Nookachamps **Zipcode :**
Legal Description : SW1/4S17T33NR5E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Directions :

From the I-5 and Hwy 534 intersection (Conway/Lake McMurray exit), turn right towards Lake McMurray and head 5 miles to a T-intersection and Hwy 9. Turn left (north) on Hwy 9 and go 3.05 miles to the culvert under Highway 9 and the site.

Area Overview :

This trib appears to be intermittent, has no spawning habitat and provides a small amount of over-winter rearing. There is a 3' cmp that goes under Highway 9 and directly dumps into the mainstem. The pipe appears to pose no problems for juvenile passage.

Field Survey Information

Date : 01/07/1999 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.2
Upper end: < 0.1

Water Temperature(C): Lower end: 5.5
Upper end: 6.1

Receiving Water Temperature (C): 5.0

Other Observations:

Site Area Measurements: Indirect Direct Combination
Widths: Channel: 1m **Ponds:** **Wetlands:**
Depths: Channel: 12cm **Ponds:** **Wetlands:**
Total length (includes ponds and wetlands): 326m

Total existing habitat area (est. m2): 290m

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 290	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: The first 161m is 5" deep, slow moving and pooled. It is mud-bottomed, has good brushy cover and has water parsley present. Above this point, the channel is only 1' wide and is mostly riff. There is a small amount of gravel showing up and there are a couple of 1' drops over tree roots in this reach.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The site is protected from the mainstem by Highway 9, but there may be some backwatering through the culvert during extreme events.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a small eddy pool present where the culvert dumps into the mainstem. It appears that during low flows that there may be a 3 inch jump into the culvert but the pipe lays fairly flat and it seems that juveniles would have little difficulty in passing.

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

Describe: Adults and juveniles can access this site but neither were observed during the survey. There is no spawning habitat for adults, however, there is suitable habitat for juveniles.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: This site also provides suitable habitat for trout, especially juveniles.

ENHANCEMENT OPPORTUNITIES: None

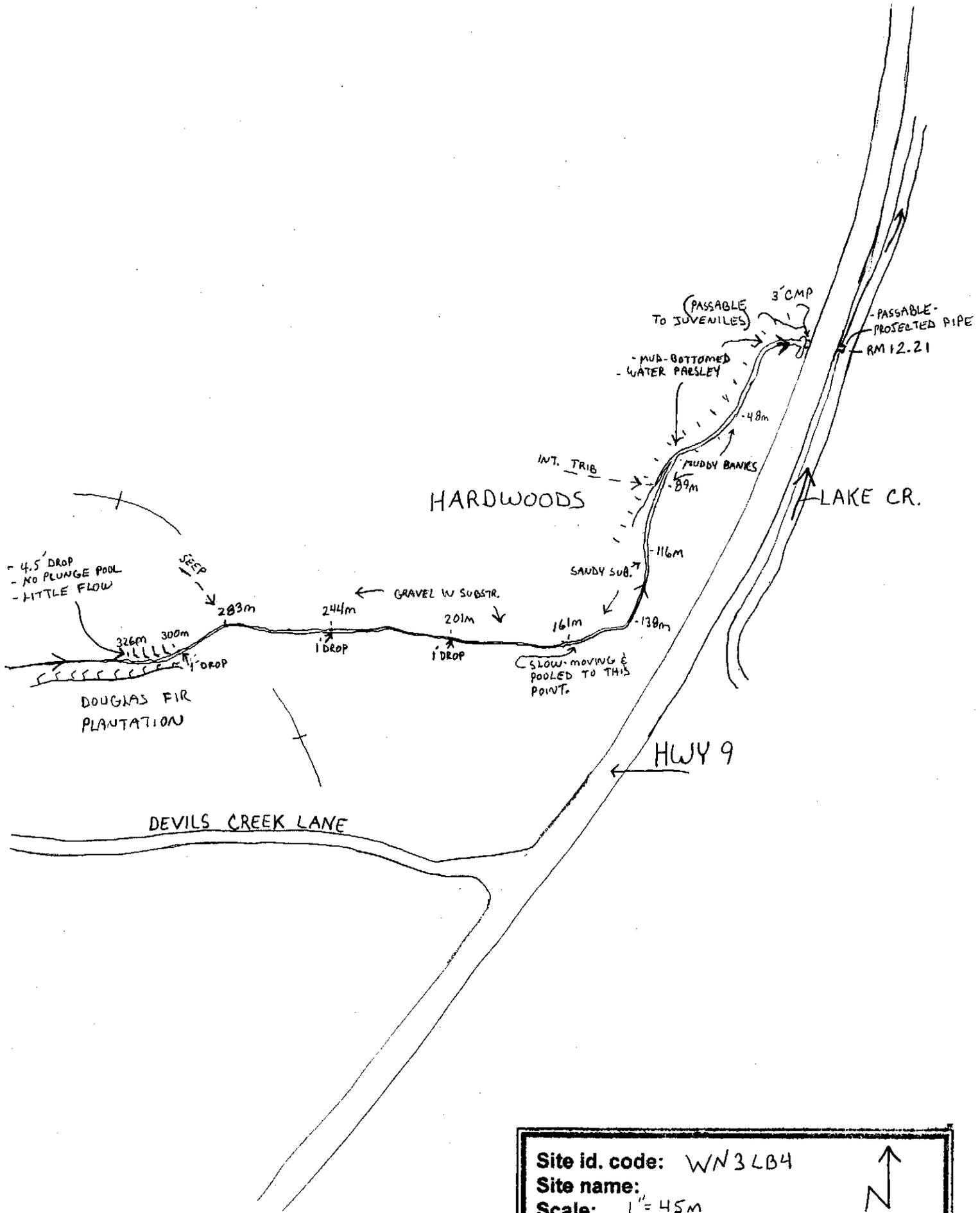
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey was ended at a 4.5' drop with no plunge pool and less than 0.1 cfs.

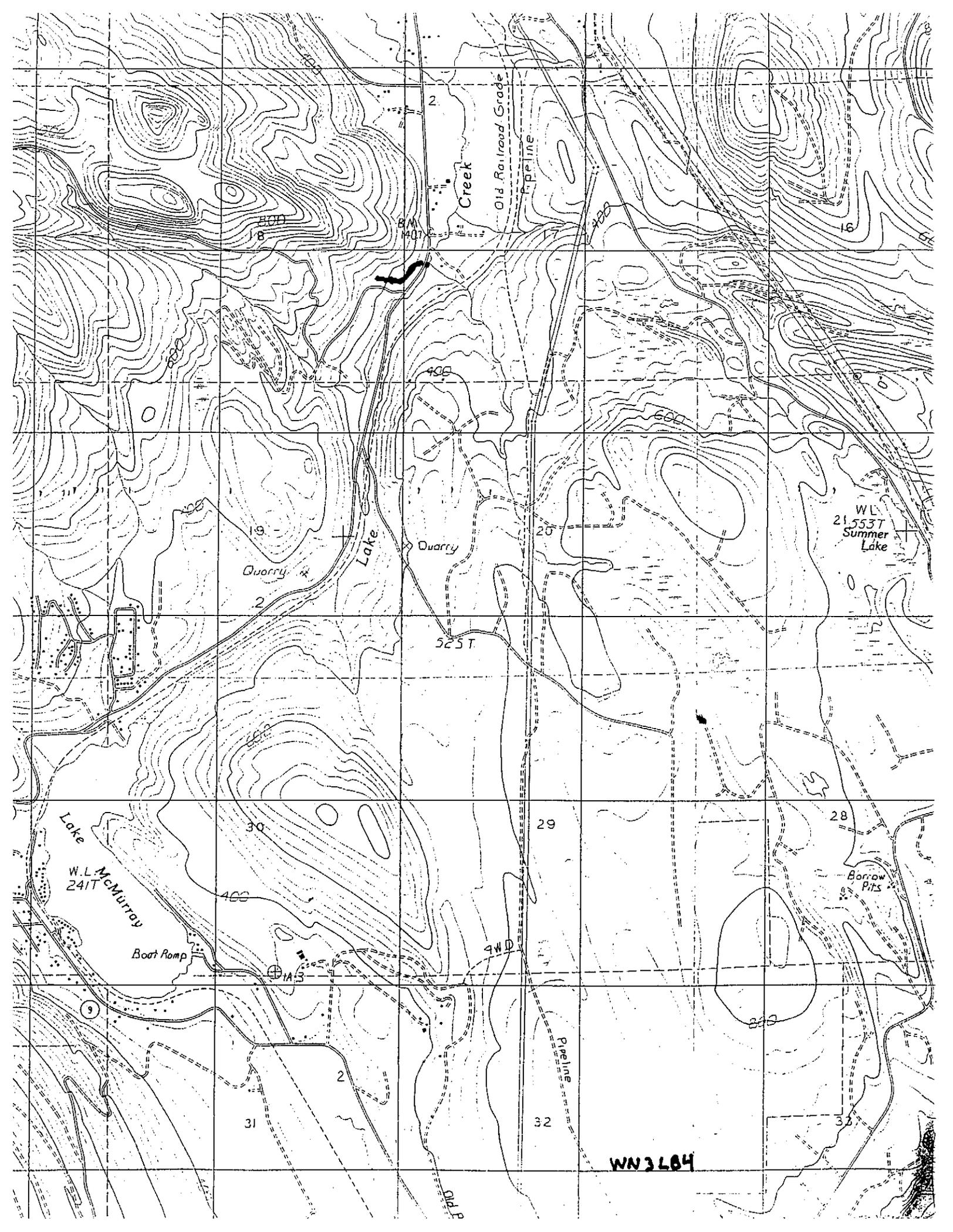
ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: WN3LB4
 Site name:
 Scale: 1" = 45m
 Observer(s): OLIS
 Legal location: SW 1/4 S17 T33 N R5E



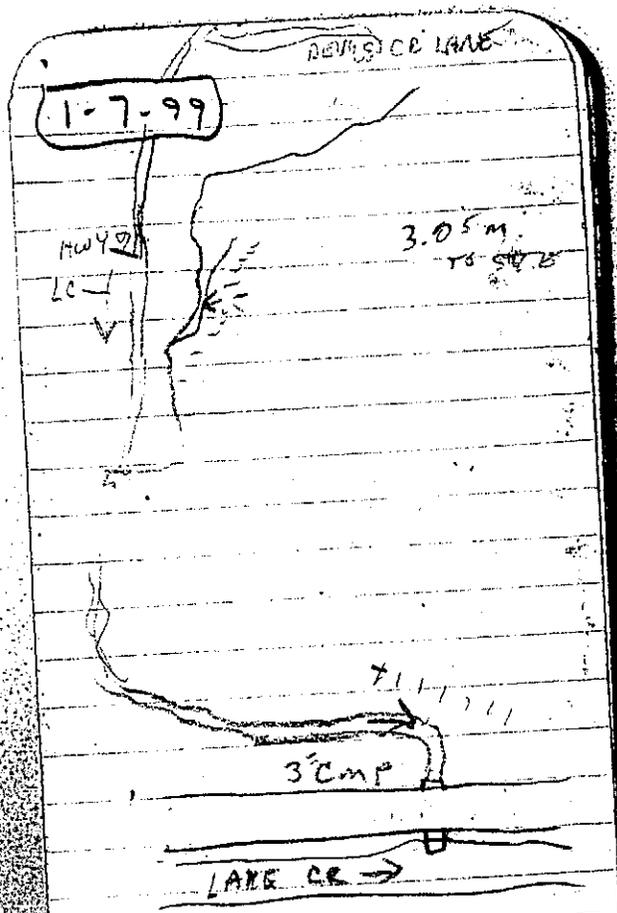


WN3704

WN3 LB4

RM 12.201

SW 1/4 S17T33NR5E



O.O ENTRY

FLOW - 0.2 CFS

WT. T. - 42°

E. WT. - 41°

- ACCESS - SMALL

EDDY POOL - CULVERT

WTO MAINTEN

12ML PIPE

ZERO AT UPPER END OF PIPE

48M WW 2m

- 3"-4" DEEP - MUDDY BOTTL

- LOTS OF LEAFS

INTL PARSELET - JUST

- STARTING TO BREAK

AWAY FROM THE ROAD.

89m WW 1.5m

- LOTS OF MUD ON BANKS
- STILL SOME W/ P.
- SEEP ON LB - NT
- VERY BRISITY
- TWO BRANDS
- WIDER CH. w/ mud
AND BRUSH

116m WW 1m

138m WW 0.5m

- MORE SAND IN SUBSTR.

161m 0.5m

BEEN MOSTLY SLOW
MOVING TO THIS POINT



- @ A COUPLE OF
6" DROPS AND
SOME RIFF

201m WW 0.5

- 30% POOLED
- SM AMOUNT OF 1"
GRAVEL SHOWING UP
- @ 1' DROP.

244m WW 0.5

- @ 1' DROP

283m WW 0.5

- 7% GRADE
- 20% POOLED

283m... SEEP ON LB

1' DROP @ 298m

300m - WWS 0.5m

- BEG. 10' WWS ON RB

326m WWS 0.5m

- 3' WISED BONES

- @ 4.5' DROP

- CALLING AT THE
END - CRK APPEARS
TO SMALL FOR ADULT
USE @ THIS POINT

FLOW - 20.1

TEMP. 43



COMMENTS

- APPEARS INTERMITTANT
- MOD. FLOODING FROM
IT'S OWN FLOWS,
- NO SPAWN
- GOOD REARING
- HEAVY BRUSH
- NO FISH OBSERVED
- CULVERT APPEARS
PASSABLE
- SURFACE & GRAULINE
- IN PHINNES OUT
OF STAND @ END.