

SITE INFORMATION

Site Identifier : WN2LB2 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0227X **Address :**
Region : NS **Address2 :**
Trib to : Big Lake **City :**
River Mile : 10.30 **State :**
River System : W F Nookachamps **Zipcode :**
Legal Description : NW1/4S7T33NR5E **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 Highway 9 and go 3.6 to West Big Lake Blvd. on the left. Turn left and go 1.2 miles to the site.

Area Overview :

This is a 445m long, intermittent trib that averages 1m in width and can provide some good over-winter rearing for coho juveniles. There is a culvert at the 58m point which has a 16" drop, hindering any juveniles from accessing the habitat above.

Field Survey Information

Date : 02/25/1999 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: () Intermittent () Year-round

Estimated Flows (cfs): Lower end: 0.1
Upper end: None

Water Temperature(C): Lower end: 7.5
Upper end: 6.7

Receiving Water Temperature (C): 7.0

Other Observations:

Site Area Measurements: () Indirect () Direct () Combination
 Widths: Channel: 1m Ponds: Wetlands:
 Depths: Channel: 15cm Ponds: Wetlands:
 Total length (includes ponds and wetlands): 445m

Total existing habitat area (est. m2): 499			
Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 499	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: This site has a 1m wide channel that is mostly slow-moving and pooled with a mud bottom. The banks are very brushy throughout most of the site but there is little tree canopy cover as half of this site is in a clear cut. There is some skunk cabbage present also.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: This site shows little evidence of flooding.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: This creek flows into Big Lake allowing easy access.

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

Describe: There were no coho observed during the survey but the site is accessible to both juveniles and adults. The 6' culvert at the 58m point, has a 16" drop which would obstruct upstream juvenile migration.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: There was a 2" trout observed at the head end of the site.

ENHANCEMENT OPPORTUNITIES: The 6' culvert under West Big Lake Blvd. has a 16" outfall drop that needs to be addressed.

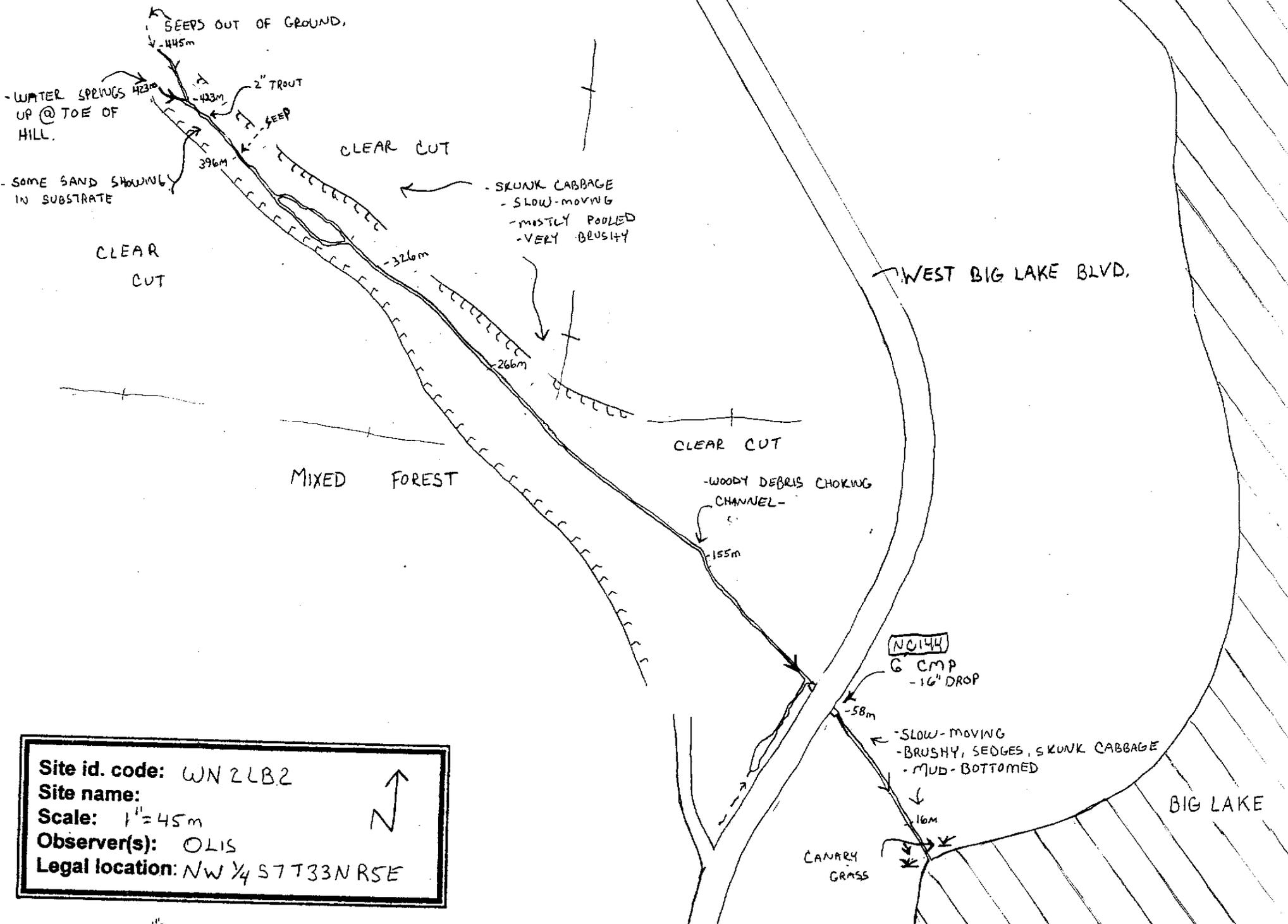
Project type:

Equipment access:

ADDITIONAL COMMENTS: The 6' culvert under West Big Lake Blvd. is a barrier to juveniles and it will be added to the culvert inventory. The survey was ended as water was seeping out of the ground at the head end of the site.

ATTACHMENTS AVAILABLE

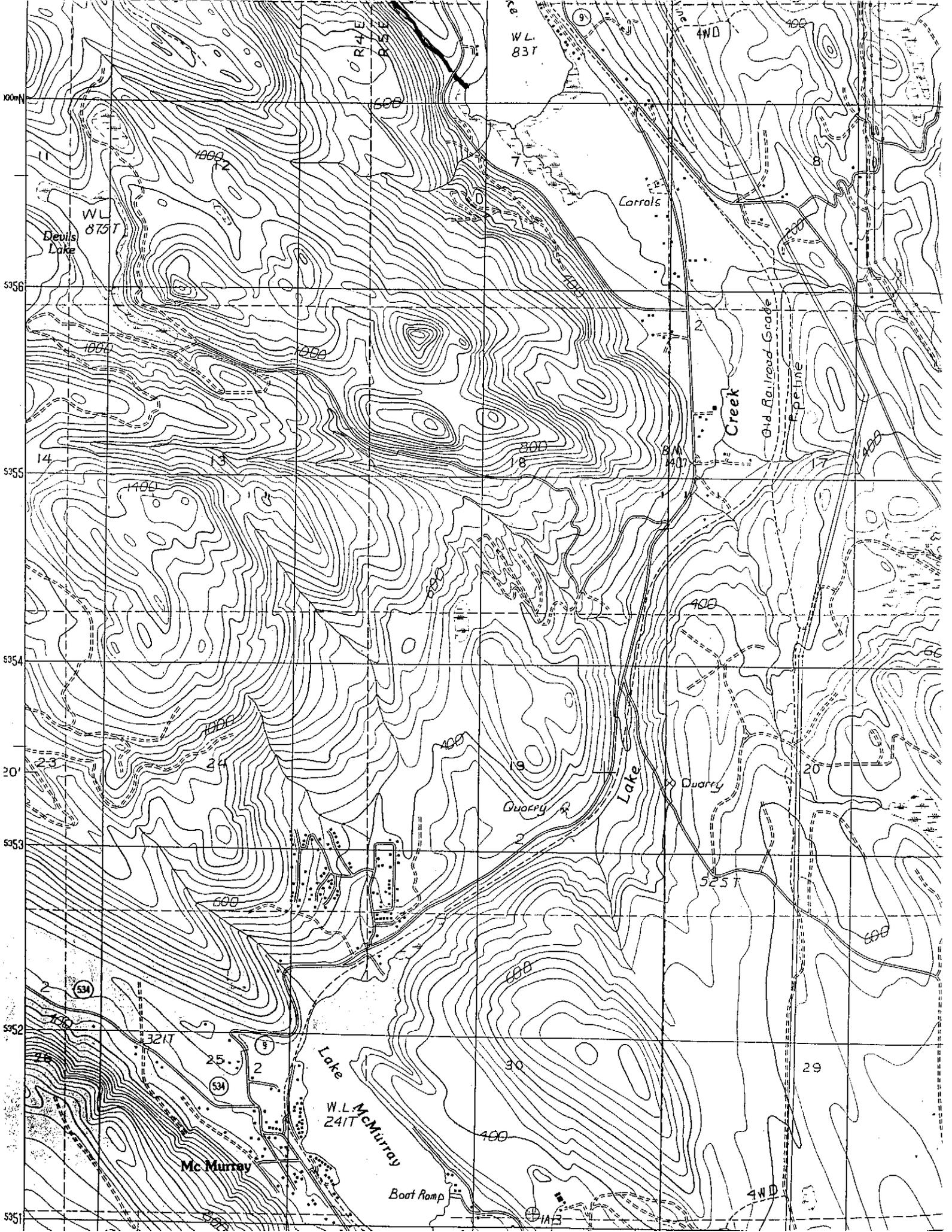
Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: WN 2LB2
Site name:
Scale: 1" = 45m
Observer(s): OLIS
Legal location: NW 1/4 S7 T33N R5E

1" = 45m





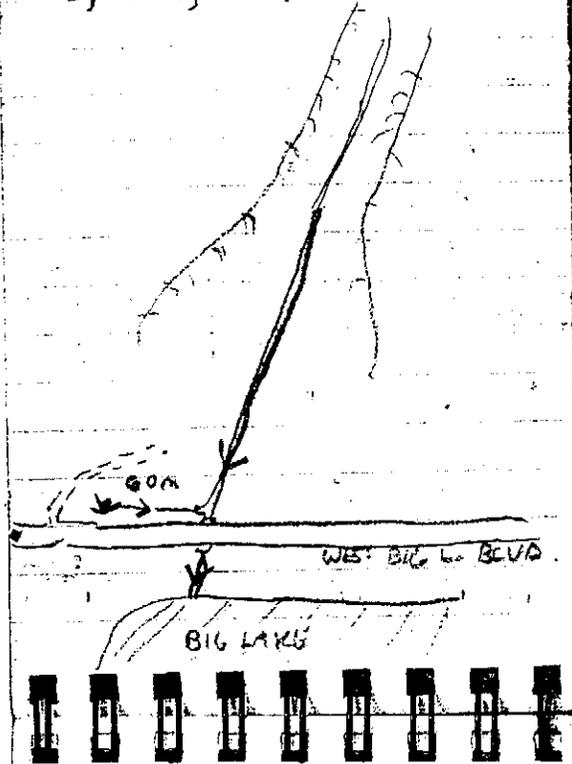
WN2LB2

RM10.3 -

NW 1/4 S7 T33N R5E

2-25-99

WN2LB2
M03, CUI, M04



Q.O ENTRY

FLOW - 0.1

WET - 45.5

R.WET - 44.5

ACCESS - INTO LAKE

16m Ww 0.5m

- SLOW-MOV.

- BRUSH w/ CAN. GR.

- MUDDY / SILT SUB.

58m Ww 1m

- SLOW-MOVING

- VERT. BRUSH, w/ SEDGES

CA. SK. CAB.

- @ 6" CULV. CUI

WITH 16" DROP

326m culm
VALLY WALK ON RB
- FEATHER WALK ON RB

BRUSH
SUBSTRATE - GOOD
POTENTIAL MUDRY
SLOW-MOVING

197m culm 1.5m
22cm
CROSSING

LIKE SKIDDER
PUSHABLE - LOOKS
OF OLD LOGS
- MISCED AND FULL
OH. PONG. BARK
160m culm

91m - ~~W~~ UPSTREAM
END OF CULV.
- WOOD SUPPORTS IN
CULV.

SM. TREE ON RB

60m L LAST IS
ARE 4m - FULL OF
SEDGES

199m ~~culm~~ 1m

- SLOW-MOVING POOL
- MUDRY SUBSTR.
- SQUARE CABS
- SWD - SOME P-GR
- @ HIGH BANK

343m ww. 0.75

343m TO 374m ⇒
TWO BRANCHES @
0.75m - APPLE

396m ww L5
- SEEP ON LB,
- SKUNK CABB,
- WET WART.

419m ww 1m
- SOME SAND W
SUBSTR.
- 2" PROT SEED

FORK @ 423m
MOST OF FLOW ON
RF,
THE RIGHT FORK
ENDS @ 433m
SEEMS TO SPRING
OUT OF GROUND @
FOE OF VALLEY
WALL. < 0.1 CFS
~~CA~~ TEMP. 46°
CONT. UP LF.

445m ww 0.5m
- CLAY SUBSTR.
- END OF NAB AS
WATER SEEPS
OUT OF GROUND
TEMP - 44°

COMMENTS

- BARRIER TO
JUV. @ COLVERT
- GOOD → EXC. ROTE
- VERY BRUSHY
- LOW FLOOD
- JUV. TROUT SEEN
- GRND WTR @
SURFACE