

**SITE INFORMATION**

**Site Identifier :** WN3LB5 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.0227X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Lake Cr **City :**  
**River Mile :** 13.35 **State :**  
**River System :** W. F. Nookachamps **Zipcode :**  
**Legal Description :** SE1/4S19T33NR5E **Phone :**  
**County :** Skagit  
**Habitat Type :** terrace 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, go 2.0 miles and hike down to the site.

**Area Overview :**

This site appears to be surface and groundwater fed. It probably becomes isolated from the mainstem during low flow periods but the lower section stays wetted. It provides approximately 1036 square meters of good over winter rearing habitat and a few small patches of spawning gravel.

**Field Survey Information**

**Date :** 01/11/1999 **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: 0.2

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

**Receiving Water Temperature (C):** 5.5

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination

Widths: Channel: 2m Ponds: Wetlands:  
 Depths: Channel: 20cm Ponds: Wetlands:  
 Total length (includes ponds and wetlands): 300m

**Total existing habitat area (est. m2):** 1040

Spawning area:	Mainstem: 4	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 1036	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: There are a few patches of 1" gravel available at the upper end of this site. There is good brushy cover but very little cover in the channel for predator avoidance.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: The lower section of this site is approximately 80m long by 7m wide. It is all pool with a muddy substrate, good amounts of wood, duckweed and some water parsley. The next section connects the upper reach to the lower reach. It is a 0.5m channel that is all riff and approximately 7% grade. Above this, the creek is in a 1m to 2m ditch along an old railroad grade that is very brushy. The water is slow-moving and mostly pooled with an occasional patch of water parsley.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: The site is protected by an old grade that runs along the LB of Lake Cr at this point.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is a pool present at the entry but there are a couple 1' drops through some root wads that would make juvenile passage difficult.

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

Describe: During certain flows, it appears that both juveniles and adults can access the site and utilize. There was some disturbance in a patch of gravel at the upper part of the site that looked like a redd but was more than likely a trout redd.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Trout can access and use this site also but none were observed. The possible redd that was observed was probably a trout redd.

ENHANCEMENT OPPORTUNITIES: None

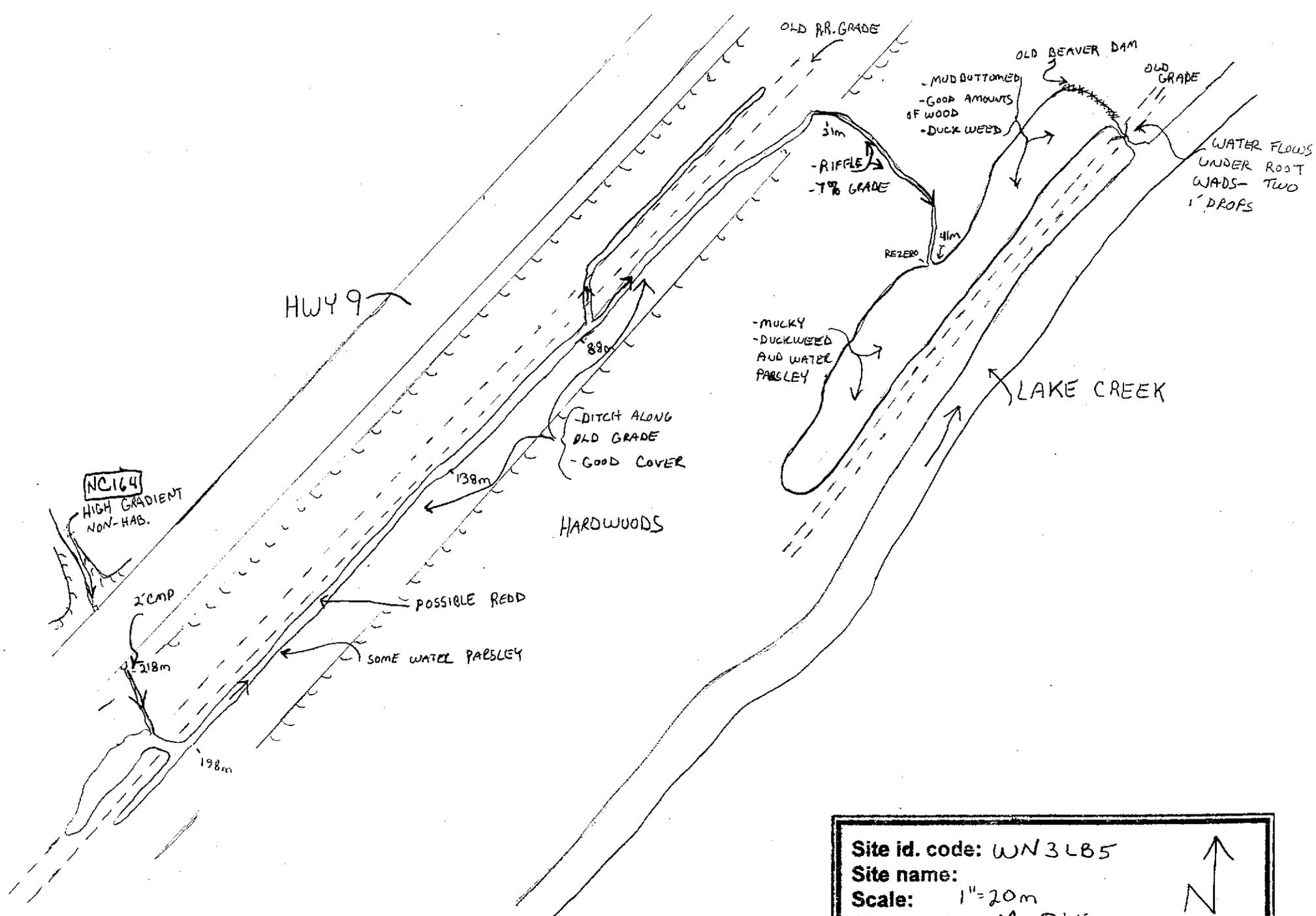
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended at the culvert that ran under Highway 9. The highway occurs at the slope break and the habitat above the culvert is too high gradient.

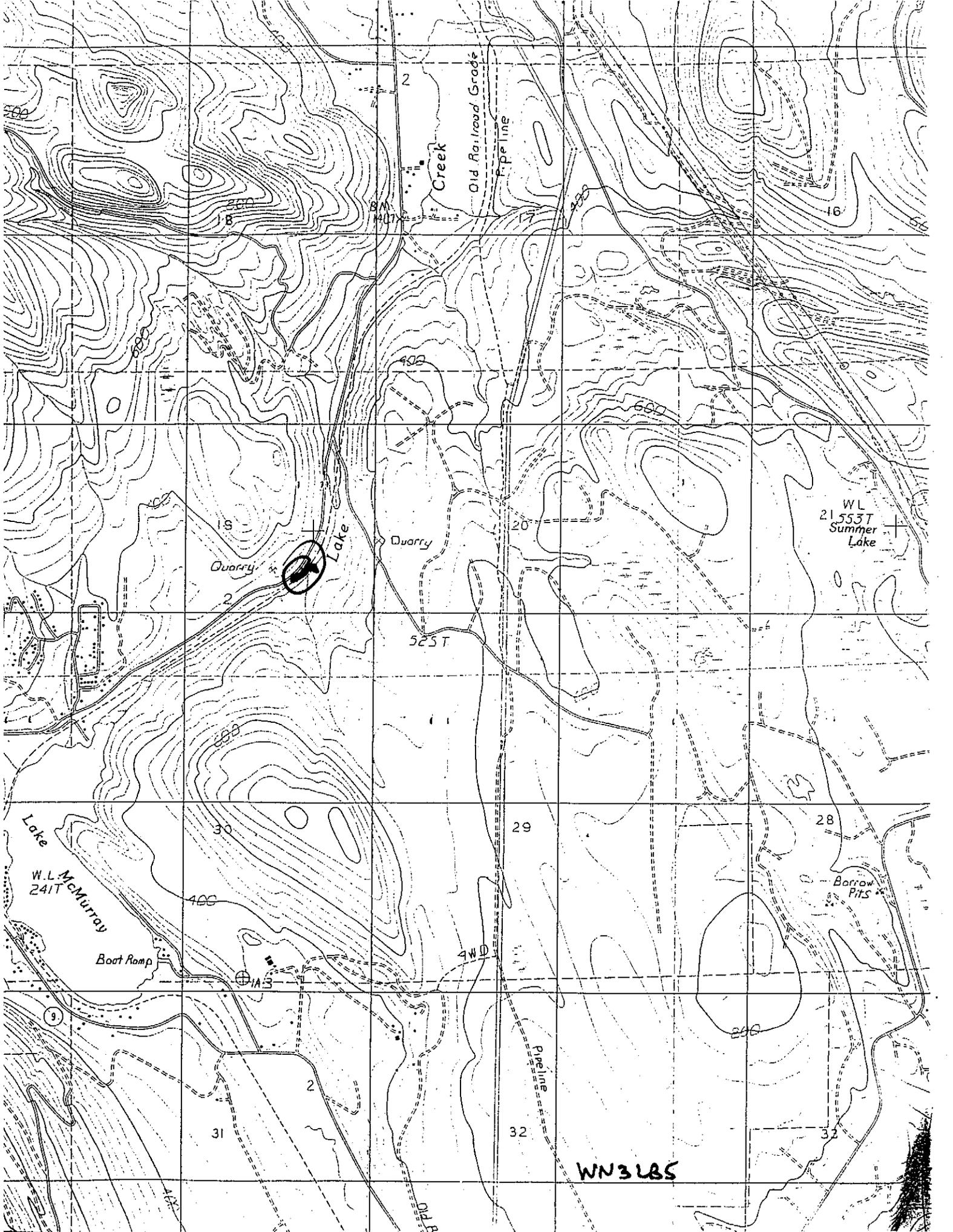
#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References



Site id. code: WN3LB5  
 Site name:  
 Scale: 1"=20m  
 Observer(s): M. OLIS  
 Legal location: SE 1/4 S19T33R5E

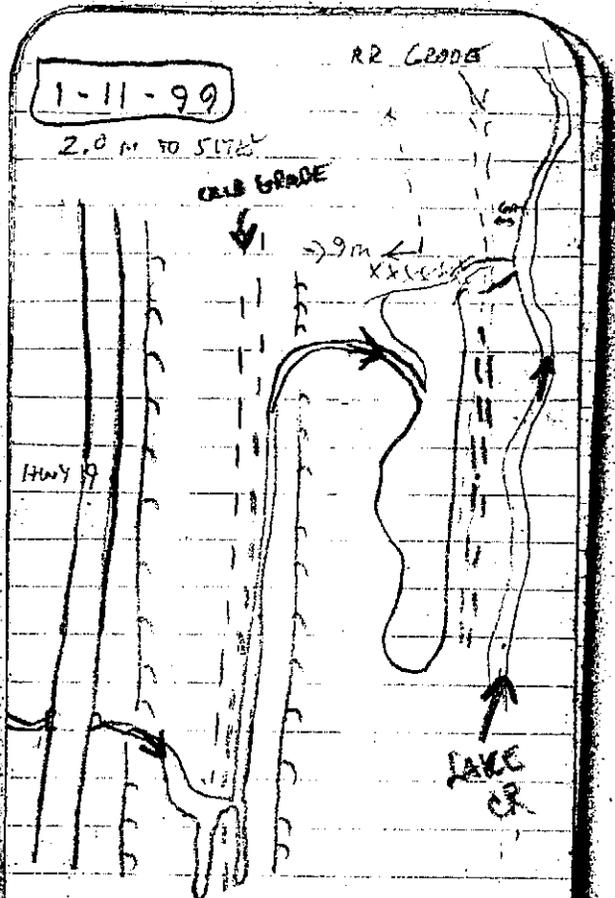




WN3LB5

Rm 13.35

SE 1/4 S19 T33N R5E



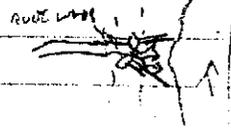
O.D. ENTRY

Flow - 0.2

WT.T - 43°

R WT.T - 42°

ACCESS - POOL PRESENT  
- COUPLE OF 1 DROPS  
TO ACCESS SITE



6m, was 2m

- MOSTLY RIFF

- COUPLE OF 1 DROPS

INTO MAINSTEM

- THROUGH ROOT MASS

21m W/W 5m

- MUD BOTTOMED

- GOOD WOOD

- DUCK WOOD

41m W/W 6m

- TRIB CONES IN  
ON LG FROM  
UPPER GRADE

- REZERO -

25m W/W 9m

40m W/W 7m

- ALL POOL

- MUCKY DUCK WOOD

WT. P. TEMP



### COMMENTS

- EXCEL. CHANNEL

- LOW FLOOD

- NO FISH SEEN

- FLOWS ALONG UPPER  
OLD GRADE

- EXC. WOODED STRUCT.  
BELOW

- PARTS 97% WETTED  
YEAR ROUND

- SURFACE & GND W/TH  
CULVERT UNDER

HWY 9 IS 1% SLOPED  
S. 90°

R. FF-SM. CAGE

0.5m  
SMALL  
ZIB, GUR PASS

1187  
X-1.5m

130m -> SCOR with old  
Y-2m

80m  
1.5m

POSS REDD?  
SMEWT P.

