

**SITE INFORMATION**

**Site Identifier :** WN3RB8 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.0227X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Lake Cr **City :**  
**River Mile :** 13.30 **State :**  
**River System :** W. F. Nookachamps **Zipcode :**  
**Legal Description :** SE1/4S19T33NR5E **Phone :**  
**County :** Skagit  
**Habitat Type :** beaver pond

**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 2.1miles. Hike down to and across the creek to the site.

**Area Overview :**

This site is a 232m long, spring fed creek that partially flows into a small beaver pond and provides approximately 796 square meters of excellent rearing habitat. There is a small amount of spawning habitat available in this site also.

**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: 0.1  
Upper end: < 0.1

**Water Temperature(C):** Lower end: 6.7  
Upper end: 7.2

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

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination

**Widths:** Channel: 1m **Ponds:** **Wetlands:**  
**Depths:** Channel: 15cm **Ponds:** **Wetlands:**  
**Total length (includes ponds and wetlands):** 192m

**Total existing habitat area (est. m2):** 796

<b>Spawning area:</b>	<b>Mainstem:</b> 3	<b>Tribs:</b>	<b>Total:</b>
<b>Impounded area:</b>	<b>Mainstem:</b>	<b>Tribs:</b>	<b>Total:</b>
<b>Other rearing area:</b>	<b>Mainstem:</b> 793	<b>Tribs:</b>	<b>Total:</b>
<b>Unaccessible habitat:</b>	<b>Mainstem:</b>	<b>Tribs:</b>	<b>Total:</b>

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat: The initial 28m is a 0.75m wide channel, it is all riff with some 1/2" gravel in the substrate. It appears that there may be enough room for a redd or two in this section.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: Above the 28m point, the habitat is all slow-moving and pooled. There is a beaver pond that is 44m long by 6m wide. This pond is mud-bottomed, has a fair amount of wood in it, loaded with duck weed and covered with algae in places. The channel above is slow-moving, very brushy and has a very mucky substrate. There are a couple of shallow, 5m wide pools that have duckweed, skunk cabbage and water parsley.

Describe inaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: The initial 20m may be affected by mainstem flooding, but there was little evidence of flooding above this point.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is a pool in the entry area.

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

Describe: A juvenile salmonid was observed at the head end of the site but it was unclear if it was a coho or not. There were no adults observed however both adults and juveniles can enter and utilize this site.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Trout can access and use this site also, especially for juvenile rearing.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: Survey ended as the water seeped out of the toe of the hill at the head end of the site. A beaver was observed in the pond on the day of the survey.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

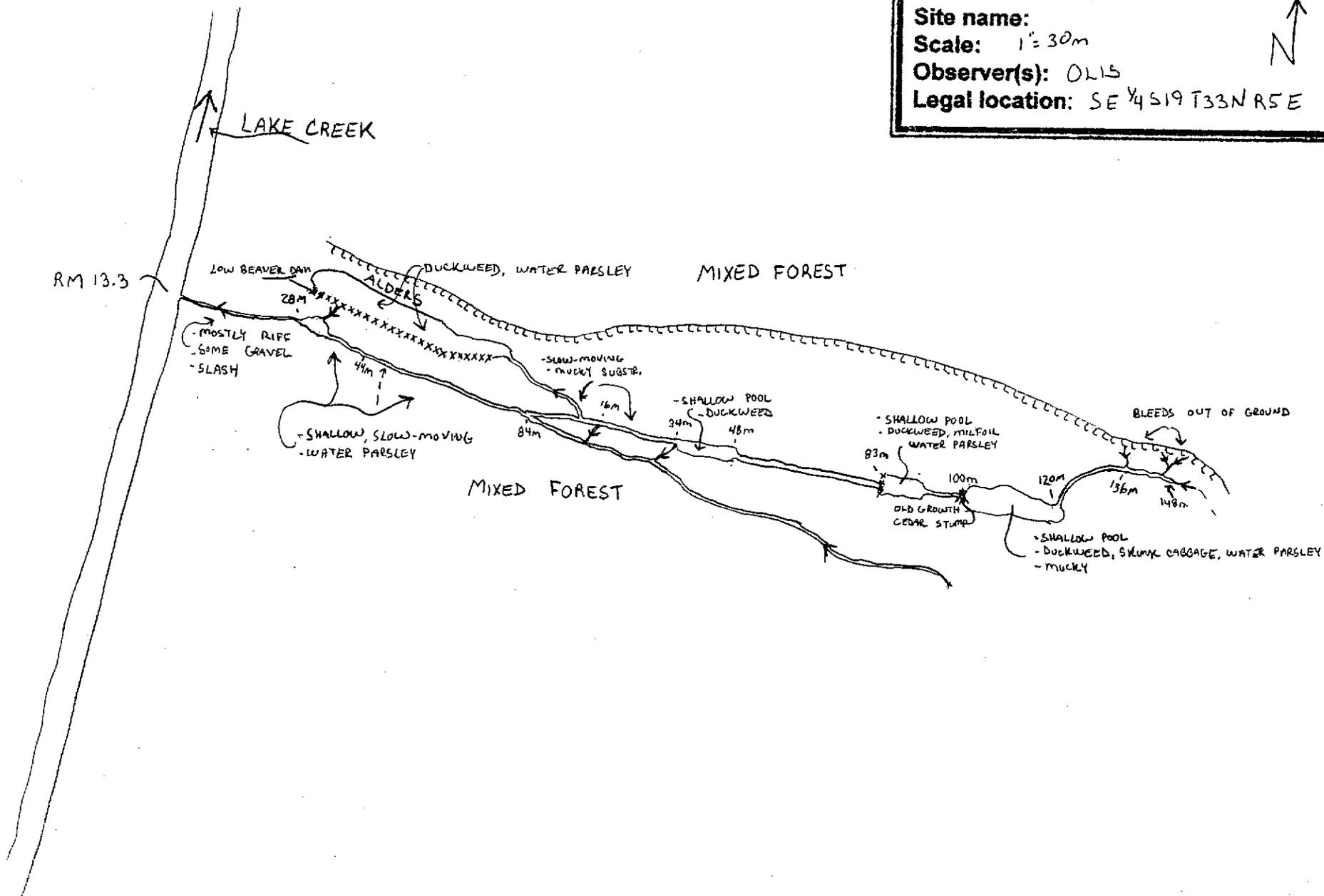
Site id. code: WN3RB8

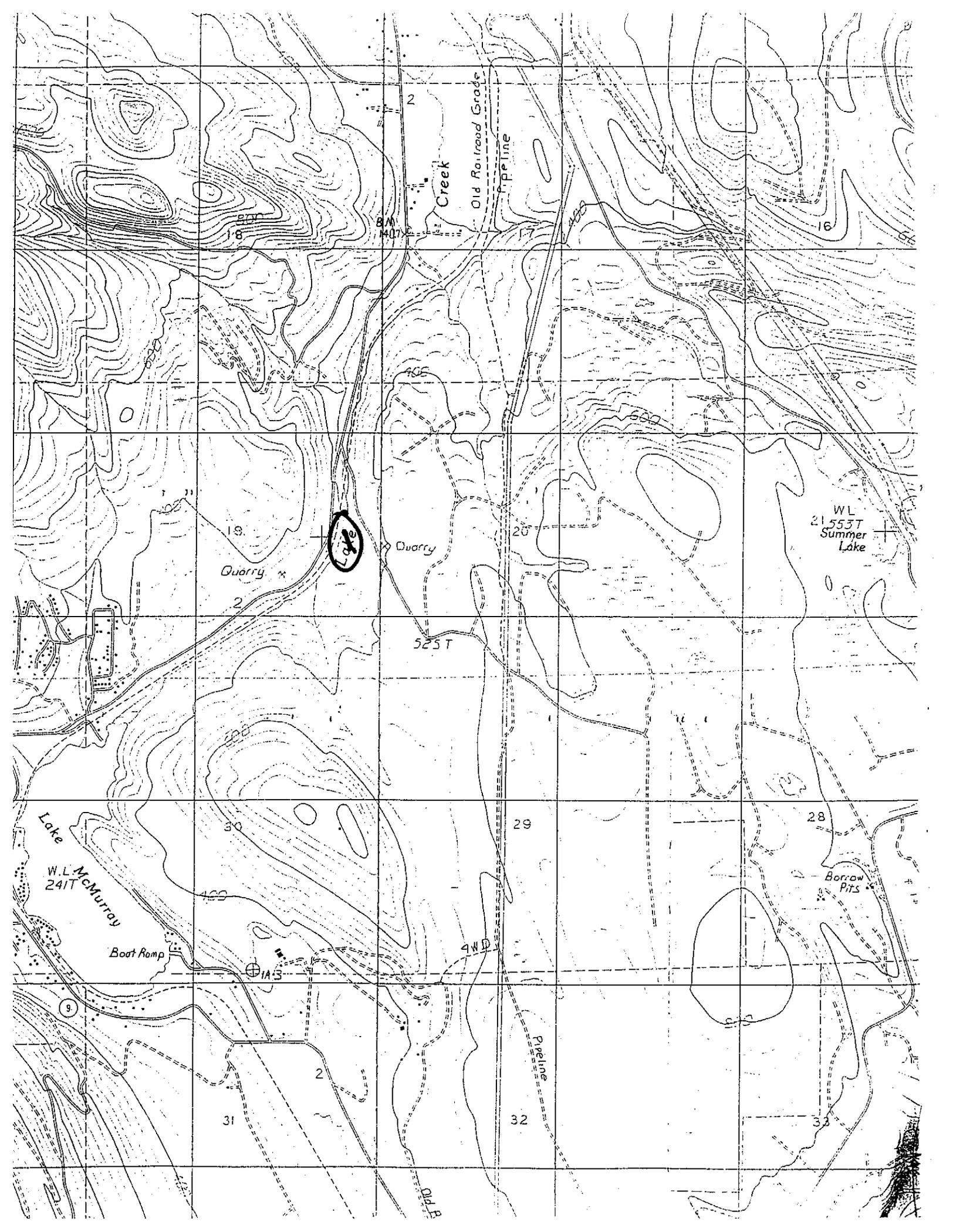
Site name:

Scale: 1" = 30m

Observer(s): OLIS

Legal location: SE 1/4 S19 T33N R5E

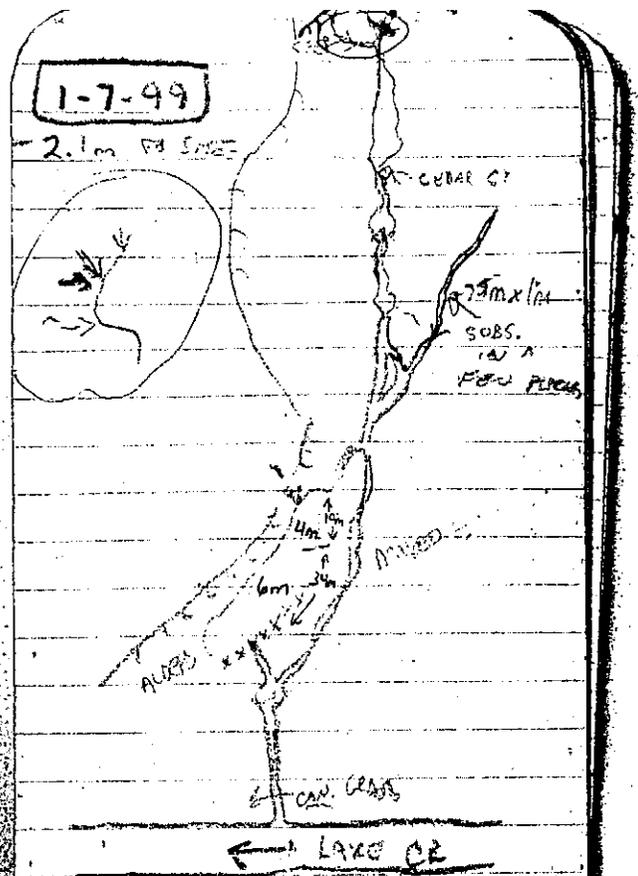




WN3 RBB

RM 13.3

SE 1/4 S19 T33 N R5E



O.O ENTRY

FLOW - 0.1 CFS

W. T. - 44°

R. W. T. - 42°

ACCESS - POOL @ ENTRY

28m. WW 0.75

- MOSTLY RIFF

- SOME 1/2" GRAVEL PR.

- COVERED W/ SLASH IN PLACES

34m WW 3m POOL

- WISE P.

- TWO INLETS - ONE FROM BEAVER POND

34m

REAR ROAD  
IS NOW EXTENDED, FILLED  
w/ DIRT & SOME  
ALGA

- GOING UP L-INLET -

44m ww 1m

- SPREAD OUT - SHALLOW  
THROUGH BRUSH

40m SEEP IN LG

84m - ww 1m

- LOTS OF WATER PARS

- @ FORTH

- BOTH FOLKS < 0.1 CFS

- GOING UP RF



- REZERO -

16m ww 1m

- SH; SL MV - BRUSH

- SAND W/ FLOWS W/

LF @ THIS POINT

34m ww 1m

- MORE W/ INTO LF

48m ww 5m

- SMALL SW POOL DECREASED

83m ww 1.2m

- OCC W. PARS.

- @ OLD SW BVA SWM

- WTR TRICKLING THRU

92m NW 5m

- SH. POOL
- DUCKWEED, MILFOIN?

100m NW 1m

- R OLD CORN STALK

120m NW 6m

- SHALLOW, SPREAD OUT
- SKUNK CABB, WTL P.
- DUCK WEED - MUCKY

136m NW 1m

- UNDER FOREST FLOOR IN PLACES
- SEEP ON R/S

148m NW 1m

- END OF HAB. - WTR BLEEDS OUT OF GROUND IN ABOUT FOUR PLACES
- WTR TEMP 45 FLOW 20.

### COMMENTS

- NO SPAWN.
- LOW FLOOD - APPEARS SPRING FED - MOSTLY HARDWEEDS - SMALL FISH SEEN - SPECIES UNKNOWN
- BEAVER OBSERVED - EXCE REARING
- LOTS OF AQ VEG.
- WETTED IN SOME PLACES YEAR ROUND.