

**SITE INFORMATION**

**Site Identifier :** CF1LB5 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.0200X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** 03.0200 **City :**  
**River Mile :** 1.50 **State :**  
**River System :** Carpenter/Fisher **Zipcode :**  
**Legal Description :** SE1/4S22T33NR4E **Phone :**  
**County :** Skagit  
**Habitat Type :** lower valley wall tributary

<b>Coordinates</b>	
<b>East:</b> 1,567,215.00	<b>North:</b> 1,098,672.00

**Directions :**  
 From the intersection of I-5 and Highway 534, go east on Hwy 534 for 2.8 miles. The site is located on the right side (south) and 15 meters off the road.

**Area Overview :**  
 This is primarily a surface fed stream that may pick up some ground water flow along the way. It offers 561 square meters of good over-winter rearing that is partially blocked by a culvert at the 45 meter mark.

**Field Survey Information**

**Date :** 1/2/01 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:** ( ) Spring ( ) Groundwater (X ) Surface runoff  
**Flow:** (X ) 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):** 4.4

**Other Observations:**

**Site Area Measurements:** ( ) Indirect (X ) Direct ( ) Combination  
 Widths: Channel: 1m Ponds: Wetlands:  
 Depths: Channel: 12cm Ponds: Wetlands:  
 Total length (includes ponds and wetlands): 561m

**Total existing habitat area (est. m2):** 561  
 Spawning area: Mainstem: 2 Tribs: Total:  
 Impounded area: Mainstem: Tribs: Total:  
 Other rearing area: Mainstem: 59 Tribs: Total:  
 Unaccessible habitat: Mainstem: Tribs: Total:

**Spawning habitat conditions:** ( ) None ( ) Poor (X ) Fair ( ) Good ( ) Exellent

Describe spawning habitat: There are a couple of gravel patches in the initial 45 meters of the site. The gravel ranges from 1" to 2" and there is good brushy cover.

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: The initial 45 meters is mud-bottomed, 30% pooled and has good brushy cover. At 45 meters is a partial barrier culvert (CR203). From the culvert to 266 meters, the stream is 5% grade, shallow and braided in places. There are cattails and water parsley present. Above this point, the stream bed narrows to 0.75 meters and is more riffled. The creek goes subsurface in a couple of places and at 423 meters there is a 0.4 meter drop. At 472 meters, there is another partial barrier culvert (CR204). Above this culvert, the stream runs alongside the road for 80 meters to a small swampy area on both sides of the road.

Describe inaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: There was no evidence of this site being flooded in the past.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: There is a large pool area at the site entry and no obstructions for fish passage until the partial barrier culvert at 45 meters.

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

Describe: Coho are not able to access this area because of the barrier culvert under Hwy 534 which is scheduled to be repaired in the summer of 2001.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: This site is accessible to resident trout but none were observed on the day of the survey.

ENHANCEMENT OPPORTUNITIES: The culvert at 45 meters could be replaced to facilitate fish passage. This section of the railroad grade is abandoned and overgrown.

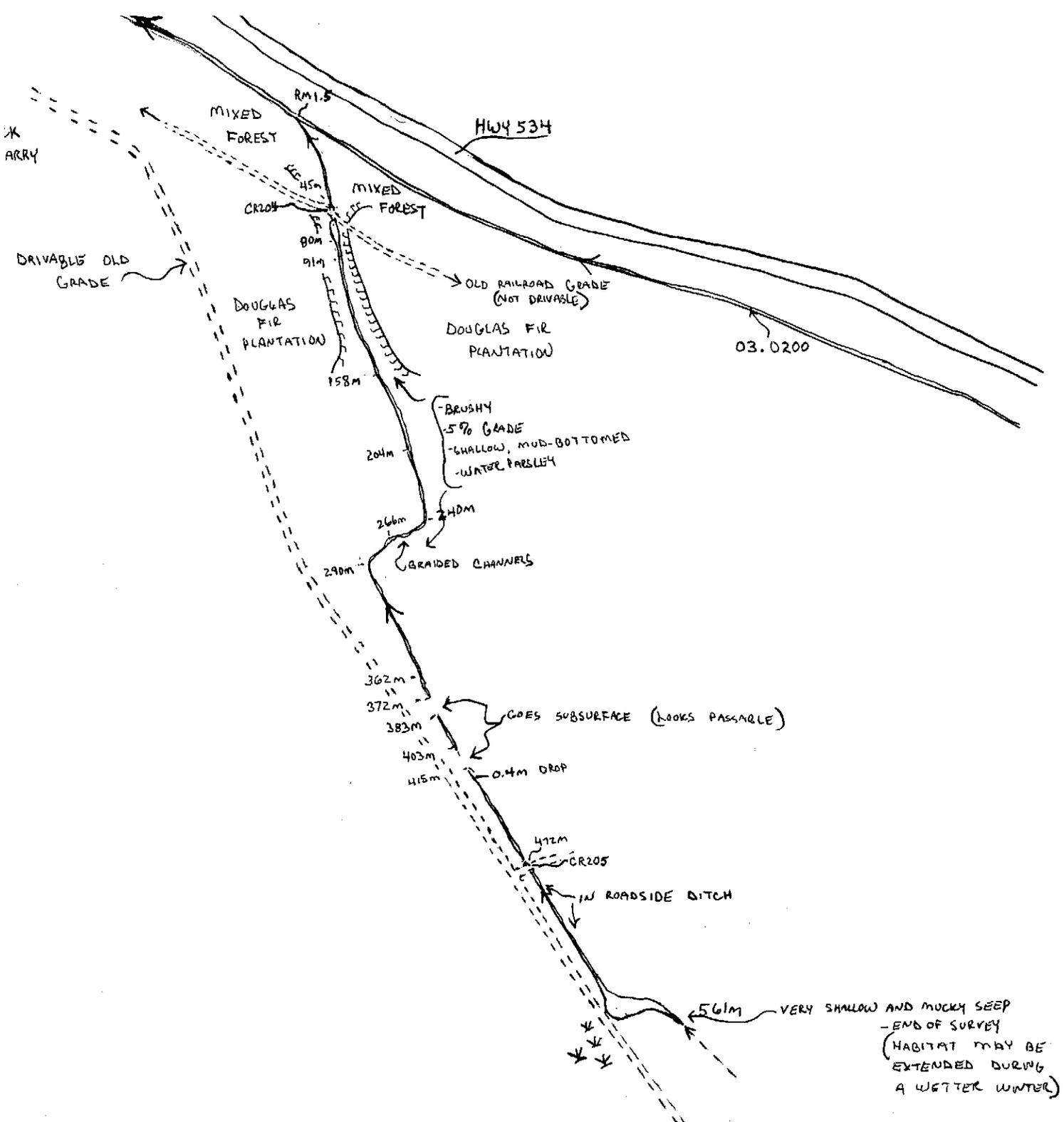
Project type:

Equipment access:

ADDITIONAL COMMENTS: The habitat may be extended during a winter with normal or high amounts of precipitation. There is a 0.4 meter drop at 423 meters and two places where the stream is subsurface which makes juvenile fish passage suspect. However, it appears that certain stream flows may facilitate fish passage through these areas.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References



Site id. code: CF12B5  
 Site name:  
 Scale: 1" = 75m  
 Observer(s): OHS  
 Legal location: SE 1/4 S22 T33N R4E

CF11B5

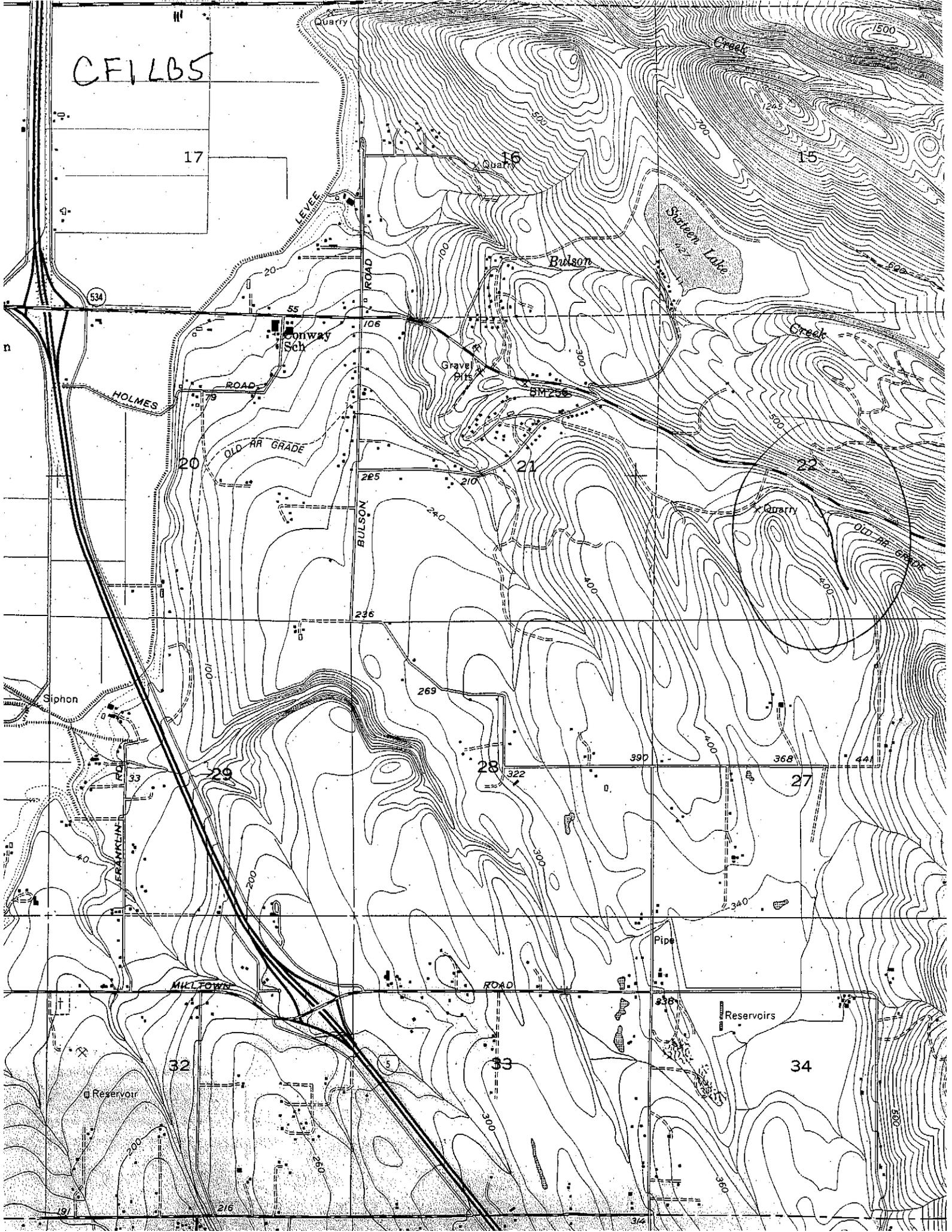
17

15

22

27

34



CHERABSI CELLS

Rm 1.5

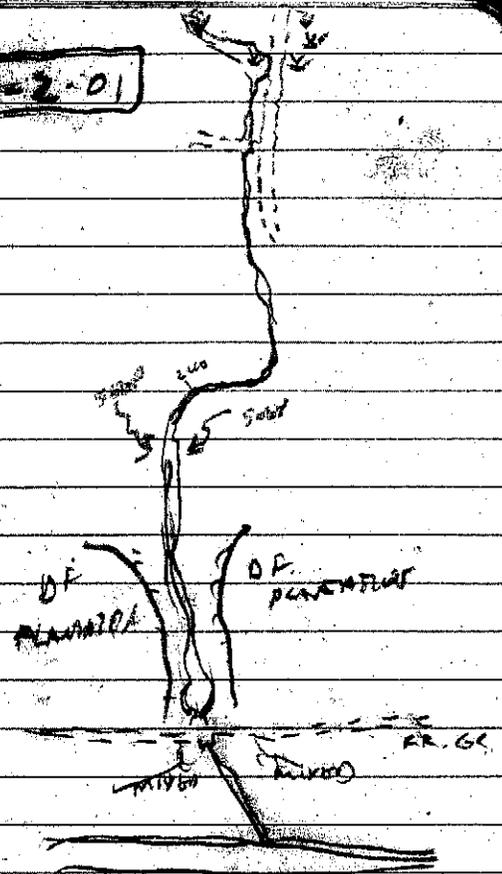
N 1/4 SE 1/4 S 22 T 33 N R 4 E

TRIB TO 03.0200

X - 1567215

Y - 1098672

1-2-01



O.O. ENTRY

WT - 42°

RWT - 40

FLOW - 0.2

ACCESS - GOOD

45m WWD 0.9m

- 30% POULDED

- ALSO SOB w/ some

1-2" GRAV 2m<sup>2</sup>

- GOOD BRUSHY COVER

- SOME W. PASTURE

ⓐ CULVERT

= 0.62 - CST - NO MP

- OUT FALL - 0.33

2.5% SLOPE

45m

CULVERT

PLUNGE POOL - 2.5L-3W

LENGTH - 22.5 m

WATER DEPTH - 0.1

FILL DEPTH 4m

UPSTR. END RUSTED OUT

68m UPSTR. END OF

CULV.

80m WW 6m

- POOL - IMPOUNDED BY

RAILROAD GRADE

91m WW 2m

- UPPER END OF IMPOUND

POOL



158m WW 6m

- MOSTLY SLOW-MOVING

DEEP POOLS - 25% RUST

BRUSHY -

MUD-BOTTOMED w/ W. POOL

- LOTS OF SWD.

- VERY COM. AM. OF GEAR

204m WW 2m

- SHALLOW - SPREAD OUT

MUCKY.

- IMPROVED & CATTAILS

240 WW 1m 5%

- MUD BOTTOMED

- TWO SCATS ONE IN ONE

266m WW LM

- TWO SMALL BRASS
- CATTAILS

291 WW LM

- UPSTR END OF
- B. CULVERT

362m WW 0.75m

- 5m SOUP ON AB
- @ 1% DROP

372m WW 0.75

- GOOD SUB SUPPORT

383m - UPSTR END OF  
SUB SURF. SUCT



WORK IS AN OVERFLOW  
AREA BEING HIGH FLOW

403m WW 0.6m

- GOOD SUB. BELOW

415 UPSTR. END OF  
SUB SURFACE

423m WW 0.75

- @ 0.4m DROP

472m WW LM

- ABOVE OLD GRADE
- @ CULVERT
- 0.62 CST 10m HT.
- VIS > 1% - WPT. DEP.
- OUTFALL - 0.3m 0.1

472m CULV...

- LENGTH 8.2 m

PL POOL 3L X 2.5 W X 0.30

- FILL DEPTH 1 m -

- LOWER END RUCTED OUT

571m ON W 1m

- SLOW - MOVING STICKED  
OUT -

- @ 10m x on swampy  
area & swampy in  
opt. side of road

- SWAMPY UNDER W/ /  
SHALLOW SAND

HAS MAY BE OPT.  
W WATER MANTHS  
WATER TEMP 45°

= ON SMALL SIDE  
BUT GOOD BEHALF