

**SITE INFORMATION**

|                            |                             |                         |                                         |
|----------------------------|-----------------------------|-------------------------|-----------------------------------------|
| <b>Site Identifier :</b>   | SK1RB4                      | <b>Landowner Type :</b> | Private                                 |
| <b>Site Name :</b>         |                             | <b>Landowner Name :</b> |                                         |
| <b>WRIA :</b>              | 03.0012X                    | <b>Address :</b>        |                                         |
| <b>Region :</b>            | NS                          | <b>Address2 :</b>       |                                         |
| <b>Trib to :</b>           | 03.0012                     | <b>City :</b>           |                                         |
| <b>River Mile :</b>        | 3.70                        | <b>State :</b>          |                                         |
| <b>River System :</b>      | Skagit R                    | <b>Zipcode :</b>        |                                         |
| <b>Legal Description :</b> | SE1/4S12T35NR4E             | <b>Phone :</b>          |                                         |
| <b>County :</b>            | Skagit                      | <b>Coordinates</b>      |                                         |
| <b>Habitat Type :</b>      | lower valley wall tributary | <b>East:</b>            | 1,581,145.00 <b>North:</b> 1,170,732.00 |

**Directions :**

From the Basset Rd and Hwy 9 intersection in Sedro Woolley, go west on Basset Rd for approximately 0.1 miles to Fredrickson Rd on the right. Turn right and go 150 meters to a culvert in the road and the site.

**Area Overview :**

This is a seasonal creek that offers a small amount of fair over-winter rearing. Downstream barrier culverts in the mainstem hinder coho from gaining access to this piece of habitat.

**Field Survey Information**

**Date :** 1/10/01 **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:

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

**Receiving Water Temperature (C):** 5.0

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination

Widths: Channel: 1m Ponds: Wetlands:  
Depths: Channel: 15cm Ponds: Wetlands:  
Total length (includes ponds and wetlands): 169m

**Total existing habitat area (est. m2):** 667

|                       |               |        |        |
|-----------------------|---------------|--------|--------|
| Spawning area:        | Mainstem:     | Tribs: | Total: |
| Impounded area:       | Mainstem: 225 | Tribs: | Total: |
| Other rearing area:   | Mainstem: 442 | Tribs: | Total: |
| Unaccessible habitat: | Mainstem:     | Tribs: | Total: |

**Spawning habitat conditions:**  None  Poor  Fair  Good  Excellent

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Describe spawning habitat:

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: The initial 218 meters is in a small, brush and tree lined draw. It ranges from 5% grade to 7% grade and has a mostly mud-bottomed substrate (the initial 70 meters has an all clay substrate). There is a 0.46 meter CAL culvert that goes under Fredrickson Rd, and immediately above this pipe, is a 0.31 meter PCC that is 36 meters long. The first 70 meters upstream of these pipes, the stream is in a 1 meter wide channel and is spread out and shallow. The stream then turns to the north to a small man-made pond and an earthen dam. The survey ended 169 meters upstream of Fredrickson Rd at a small ditch line that bisects a pasture.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: There is no threat of flooding from the mainstem and this site appears to have relatively stable flows.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: This stream flows into a pooled area of the mainstem at the base of Bottomless Lake.

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

Describe: There were no fish observed during the survey. There are downstream barrier culverts in the mainstem which keep coho from accessing this site.

Other species acces and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: This site may get resident cutthroat use although none were observed during the survey.

ENHANCEMENT OPPORTUNITIES: None

Project type:

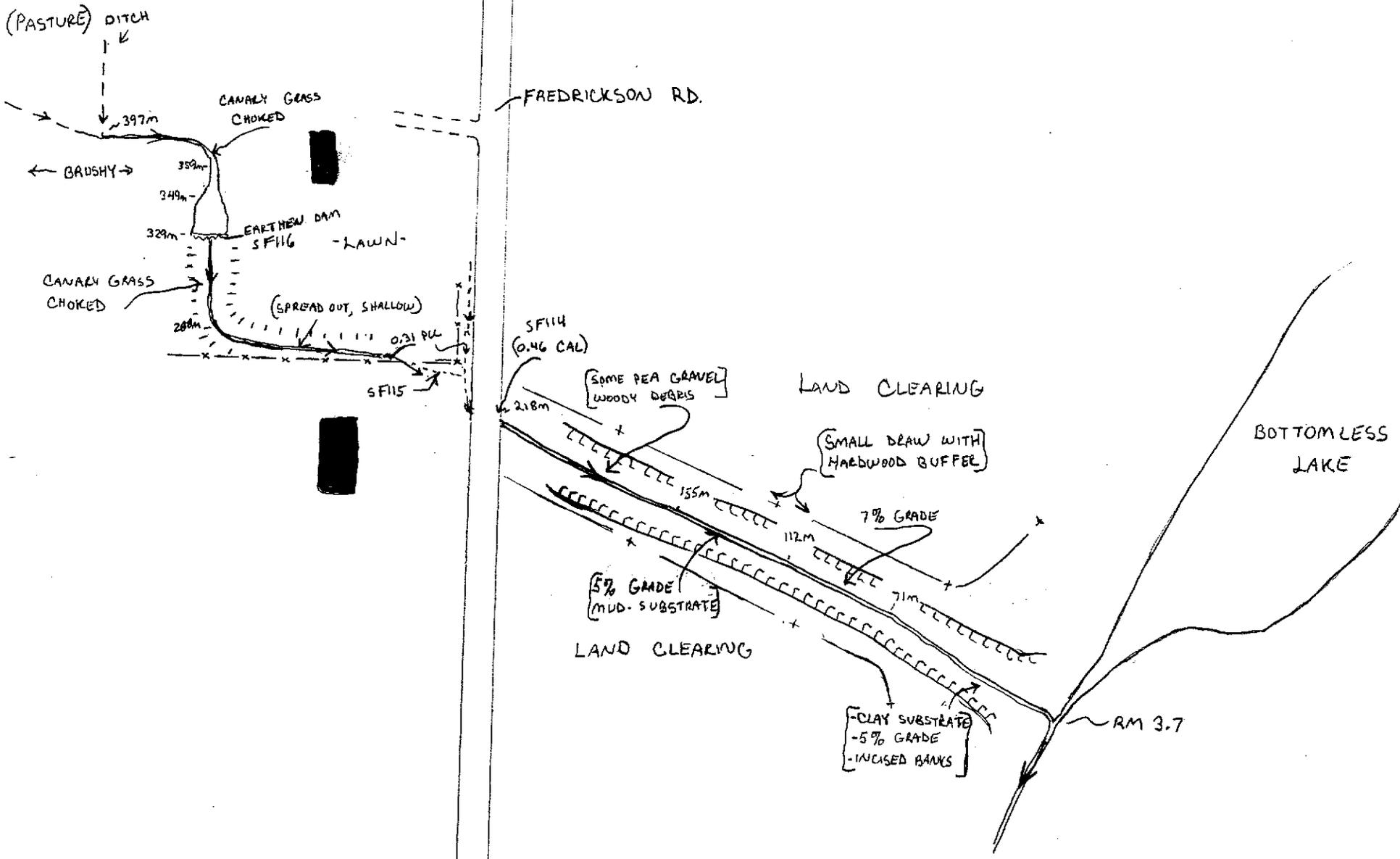
Equipment access:

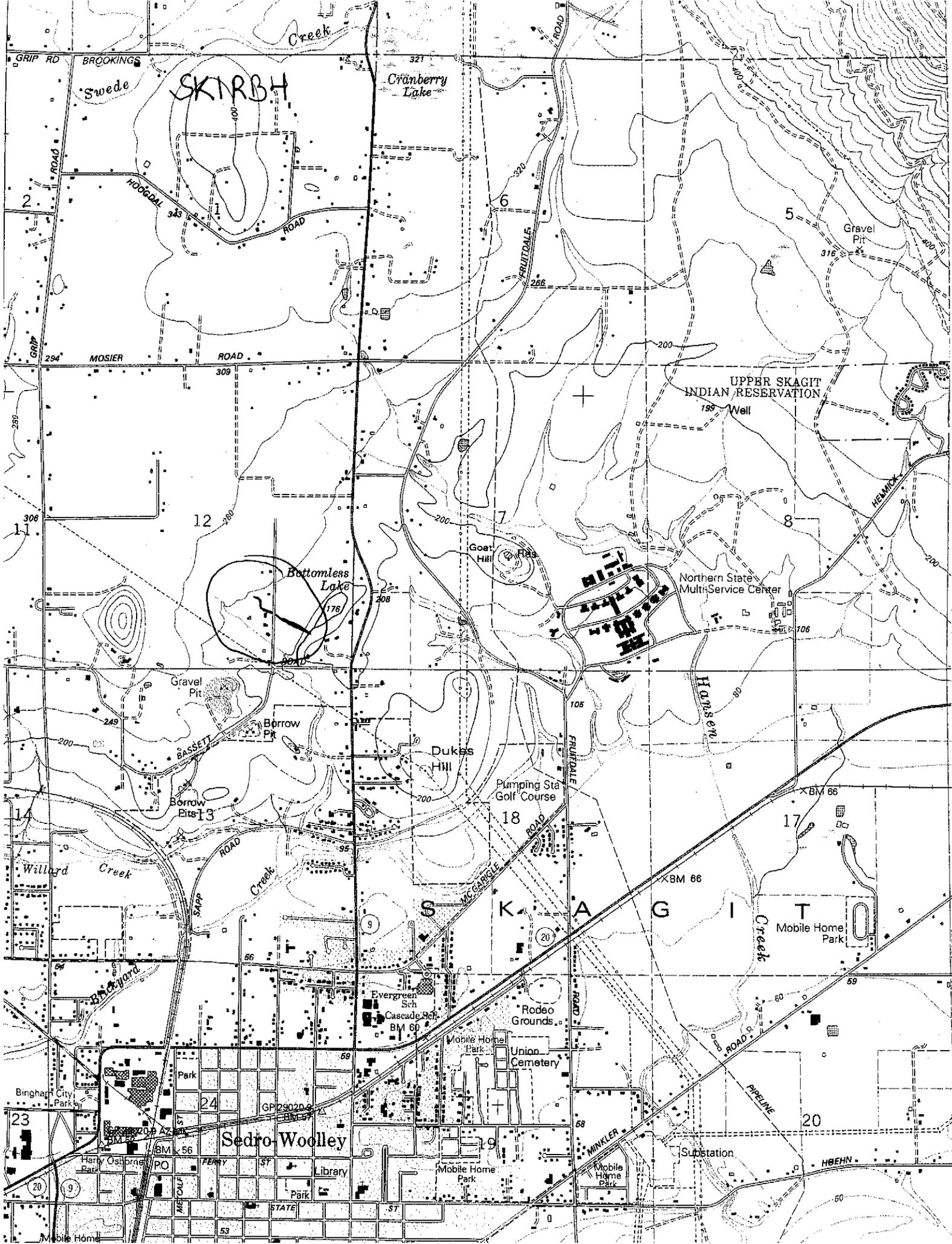
ADDITIONAL COMMENTS: The culverts and earthen dam are barriers to fish passage, however there is less than 200 meters of habitat above these structures.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

Site id. code: SKIRB4  
 Site name:  
 Scale: 1" = 50m  
 Observer(s): OHS  
 Legal location: SE 1/4 S12 T35 N R4E





SKIRBH

Cranberry Lake

UPPER SKAGIT INDIAN RESERVATION

Bottomless Lake

Northern State Multi-Service Center

Borrow Pits

Dukess Hill

Pumping Sta Golf Course

Evergreen Sch  
Cascade Sch

Rodeo Grounds

Sedro-Woolley

Substation

Bingham City Park

Park

Library

Mobile Home Park

Mobile Home Park

Mobile Home Park

Mobile Home

Park

Park

Mobile Home Park

Mobile Home Park

Mobile Home Park

SKI RB4

RM 3.7

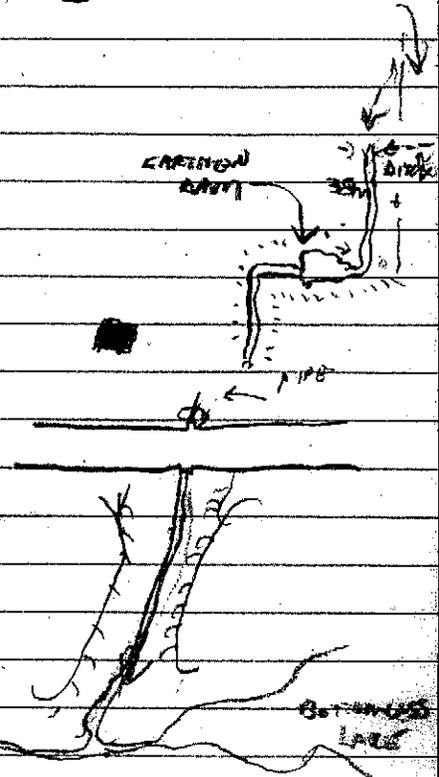
SE 1/4 S12 T35 N R4 E

TRUB TO 03,0012

X- 1581145

Y- 1170132

1-10-01



O.O ENTRY  
FLOW - 0.2  
WT - 43° UP  
RW - 41°  
ACCESS - POOL @ ENTRY

71m W/W 1.3m  
- CLAY CURST,   
- W/CSPT BANKS / GOOD BRUSH  
- 5% GRADE

112m W/W 1.3m  
- GRADIENT IS 7%  
- BEGINNING OF MALLOW BUTTER

155m W/W 1.6m

- MUD-SUBSTR.
- @ 5% GRADE
- @ 1' DROP OVER LAL.
- MOSTLY POOLED

218m W/W 1.4

- SOME PER. GR / LOTS OF WOOD
- @ ROAD & CULVERT
- 0.46 CAL - > 1% SLOPE
- NO MAT. - OUTFALL DROP 0.8
- W/DEPTH 0.05

PL. POOL - L-3; W-2 D-0.5

- 1m OF ROAD FILL
- DWINGYR 3m IS DOWNSTREAM
- CULV. L-12m
- FERRERSON RD.



220m @ CULVERT.

- 0.31 PCC NO MAT.
- VIS. > 1% SLOPE
- 0.25 DROP
- 0.8m OF FILL OVER PIPE
- W/DEPTH 0.05

PIPE T'S OUT  
PCC.

- FELERO ON WEST,
- END OF PIPE

20m W/W 1m

- SPREAD OUT, 5 HALLOW
- SOME WATER P.
- BRUSHY COVER

② DOB. LEG LEFT

10m W x 1m

- CANAL GRASS CHOKED  
CHANNEL BABY FLOWING

② EXISTING DAM WITH  
OHL PEE EULV. 5m L

NO MAT. / NO OUTFALL

- WATER IS STOPPING  
THRU DAM, NOT CULVERT

DAM SEEMS TO BE

FAILING.

DAM 16m L x 3m W 2m H



IMPROVEMENT IS

15m x 20x

- CANAL GRASS CHOKED  
CHANNEL ABAND.

12m Small Pond

12m W x 1m

- CANAL GRASS CHOKED  
CHANNEL BABY AND  
FLOW

169m W x 0.75m

BABY AND FLOW.

② FOCK - DITCH LD-SECT

END OF SURVEY