

SITE INFORMATION

Site Identifier : MX1RB2 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.02970X **Address :**
Region : NS **Address2 :**
Trib to : 03.02970 **City :**
River Mile : 0.20 **State :**
River System : Maddox Cr **Zipcode :**
Legal Description : SW29T34NR4E **Phone :**
County : Skagit **Coordinates**
Habitat Type : lower valley wall tributary **East:** 1,555,533.00 **North:** 1,123,990.00

Directions :

From the Cedardale Rd. and Anderson Rd intersection in South Mt. Vernon, drive north on the Cedardale Rd for approximately 0.1 miles to a ditchline, a culvert and the site.

Area Overview :

This is a creek that has been partially ditched and piped as it flows into 03.02970 in a culvert system under I-5. Juvenile coho have been observed in this creek in the past. There is a small amount of rearing as well as spawning habitat present.

Field Survey Information

Date : 3/16/00 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff
Flow: Intermittent Year-round
Estimated Flows (cfs): Lower end: 0.5
 Upper end: 0.4
Water Temperature(C): Lower end: 7.8
 Upper end:

Receiving Water Temperature (C):

Other Observations:

Site Area Measurements: Indirect Direct Combination
Widths: Channel: 1.5m **Ponds:** **Wetlands:**
Depths: Channel: 20cm **Ponds:** **Wetlands:**
Total length (includes ponds and wetlands): 708m

Total existing habitat area (est. m2): 1377
Spawning area: Mainstem: 10 **Tribs:** **Total:**
Impounded area: Mainstem: **Tribs:** **Total:**
Other rearing area: Mainstem: 1367 **Tribs:** **Total:**
Unaccessible habitat: Mainstem: **Tribs:** **Total:**

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: The gravel size ranges from 1" to 4" and there is fair overhead cover in places.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The initial 286 meters is in an open ditch around the perimeter of a field. From 206 meters to 390 meters it is in a wooded patch where there are some braided channels from an aluvial fan located just downstream of a culvert. Above the culvert and Blodgett Road the habitat is mostly riffled with a gravel and cobble substrate. The gradient increased to 20% at 708 meters where the survey was ended.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The aluvial area just below Blodgett Road would indicate that this creek may have very high flows of its own at times but there is no other evidence of flooding from the mainstem.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: It appears that the confluence with the mainstem occurs under I-5 through a culvert system.

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

Describe: Juvenile coho have been electroshocked above Blodgett Rd in the past (verbal communication with Brett Barkdull).

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: This site would be accessible to cutthroat trout also.

ENHANCEMENT OPPORTUNITIES: It seems like a marginal gain for a culvert replacement project because there is a little over 200 meters of useable habitat upstream, and juvenile coho have been electroshocked above the structure in the past.

Project type:

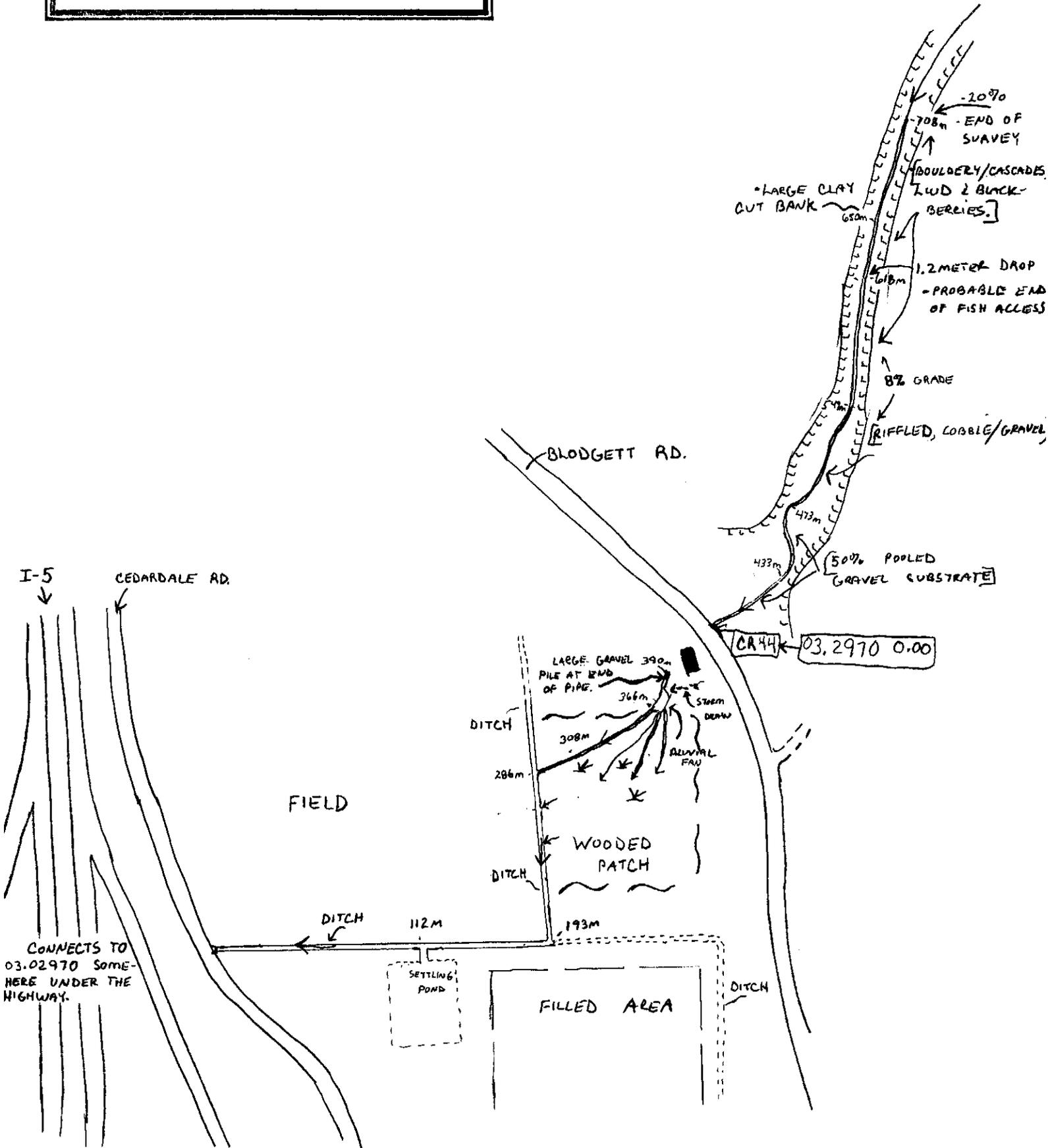
Equipment access:

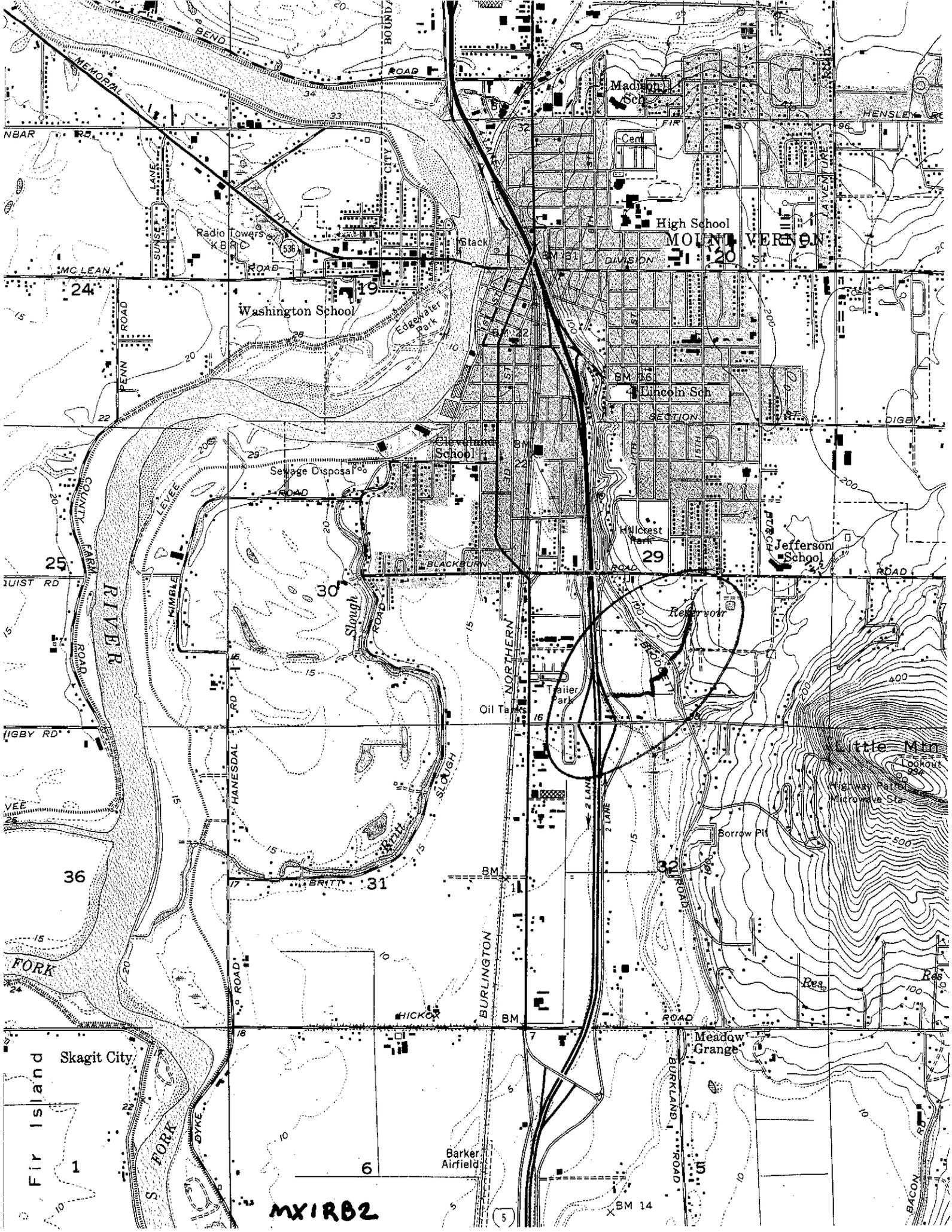
ADDITIONAL COMMENTS: The culvert under Blodgett Rd is listed as a barrier in the culvert inventory (Site ID 03.2970 0.00).

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site id. code: MX1 R82
 Site name:
 Scale: 1" = 70m
 Observer(s): OLS
 Legal location: SW29 T34N R4E





MX1R02

MYIRB2

RM 0.2

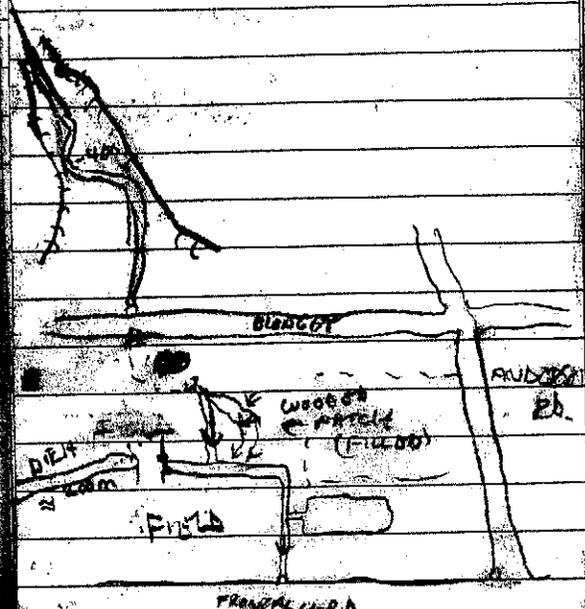
SW 29 T34N R4E

TRIB TO 03-2970

X-1555533

Y 1123990

3-16-00



O.O. ENTRY

FLOW 0.5 CFS

WT - 46°

RWT -

ALIBES. APPEARS TO
TIE IN W/ MARTHA
WASH CR VIA CULVERTS
AND UNDER I-5 SOUTHWEST

1.12m WIDE 2m

- POOL - IN DITCH LINE

- @ ENTRY TO SETTLE
POND

1.93m - WIDE 2m

- @ 90° ELBOW

286m WWD 2m

- DITCH

- @ POINT WHERE
CREEK TURNS EAST
INTO WOODED PATCH

308m WWD 1m

- MOSTLY RIFF
- GRAVEL SUBSTR.
- 3m² SP HAB
- RAUSKY

366m WWD 1.5m

- SO/CO
- SOME GR PATCHES

|||||

382m WWD 1m

- ALGAL AREA w/
SILT DEPOSITS, CREEK
STARTS TO BRAID OUT
THROUGH WOODED PATCH.

390m WWD 1.5m

- @ CULVERT IN
BACKGROUND.
- LARGE GRAVEL DEPOSIT
IN FRONT OF PIPE.
- GONE ACROSS BLOGGER
RD TO UPSTREAM END
OF PIPE -

433m WWD 2m

- MOSTLY RIFF
- GL/CORNER SUBSTR (3m²)

1,377

473m

- @ TOE OF HILL ON
LB

473m w/w 2m

- ~ 50% GRADE

- 50/50 (2m²)

@ 4" BLACK PIPE
CROSSING STREAM PROTECTED
BY 20' CAL TIES TIED
TO EMBANK T-POSTS

549m w/w 2m

- MOSTLY RIFF

- COBBLE/GR SUBSTR.

@ BOWWING W/IDE
TOP OF HILL ON BOTH BANKS



618m w/w 2m

- ~ 8%

- COBBLE, BOULDER/GR

- GOOD LOAD

@ 1.2 METER DROP
PROTS R/W.

650m w/w 1.5m

- IN GULLY WITH
LWD, SANDY, BULK
BERRIES.

- 20' CLAY CUT BANK ON
RB ~ 12%

607m 2m

- ON TOP OF DRAIN CAN
w/ 1m DECS.

708m END OF
— SURVEY OVER —
2076 —

