

SITE INFORMATION

Site Identifier : HN2RB2 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0272X **Address :**
Region : NS **Address2 :**
Trib to : 03.0272 **City :**
River Mile : 0.40 **State :**
River System : Hansen Cr **Zipcode :**
Legal Description : NW1/4S7T35NR5E **Phone :**
County : Skagit
Habitat Type : terrace tributary

Directions :

Drive to the Northern State Facility in Sedro Woolley and take the gravel road behind the security building to trib 03.0272. Hike upstream approximately 0.4 miles to the site.

Area Overview :

This terrace trib has a small ponded area that has some good juvenile salmonid use. It has no spawning habitat and parts of it appear to dry out in the low flow summer months.

Field Survey Information

Date : 02/18/1998 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: () Spring (X) Groundwater (X) Surface runoff

Flow: (X) Intermittent () Year-round

Estimated Flows (cfs): Lower end: < 0.1
Upper end: None

Water Temperature(C): Lower end: 7.5
Upper end: 7.5

Receiving Water Temperature (C): 7.5

Other Observations:

Site Area Measurements: () Indirect (X) Direct () Combination
 Widths: Channel: 1m Ponds: Wetlands:
 Depths: Channel: 15cm Ponds: Wetlands:
 Total length (includes ponds and wetlands): 780m

Total existing habitat area (est. m2): 1426

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 1426	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

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

Describe spawning habitat:

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Most of the site is a 1m wide channel that is slow moving and mostly pooled. It is about 4" deep, has a muddy substrate and good brushy cover throughout most of the site. At 188m is a 12m x 60m ponded area that is formed by a gravel road. It is surrounded by rush and canary grass, has some aquatic vegetation and algae growth, and appears to have good structure in it.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Site shows no evidence of any flooding problems.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Small pool present at entry.

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

Describe: No spawning habitat present for adults. Coho juveniles were observed in the site.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Site offers good habitat for trout and is accessible to them.

ENHANCEMENT OPPORTUNITIES: The 2' cmp at 188m appears to have a slight slope to it with a 2" drop at the downstream end. Fish are migrating up but it appears that the situation could be improved.

Project type:

Equipment access:

ADDITIONAL COMMENTS: The section of stream above the small pond area has a couple of points where fish passage is only possible during higher flows. Refer to sketch.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

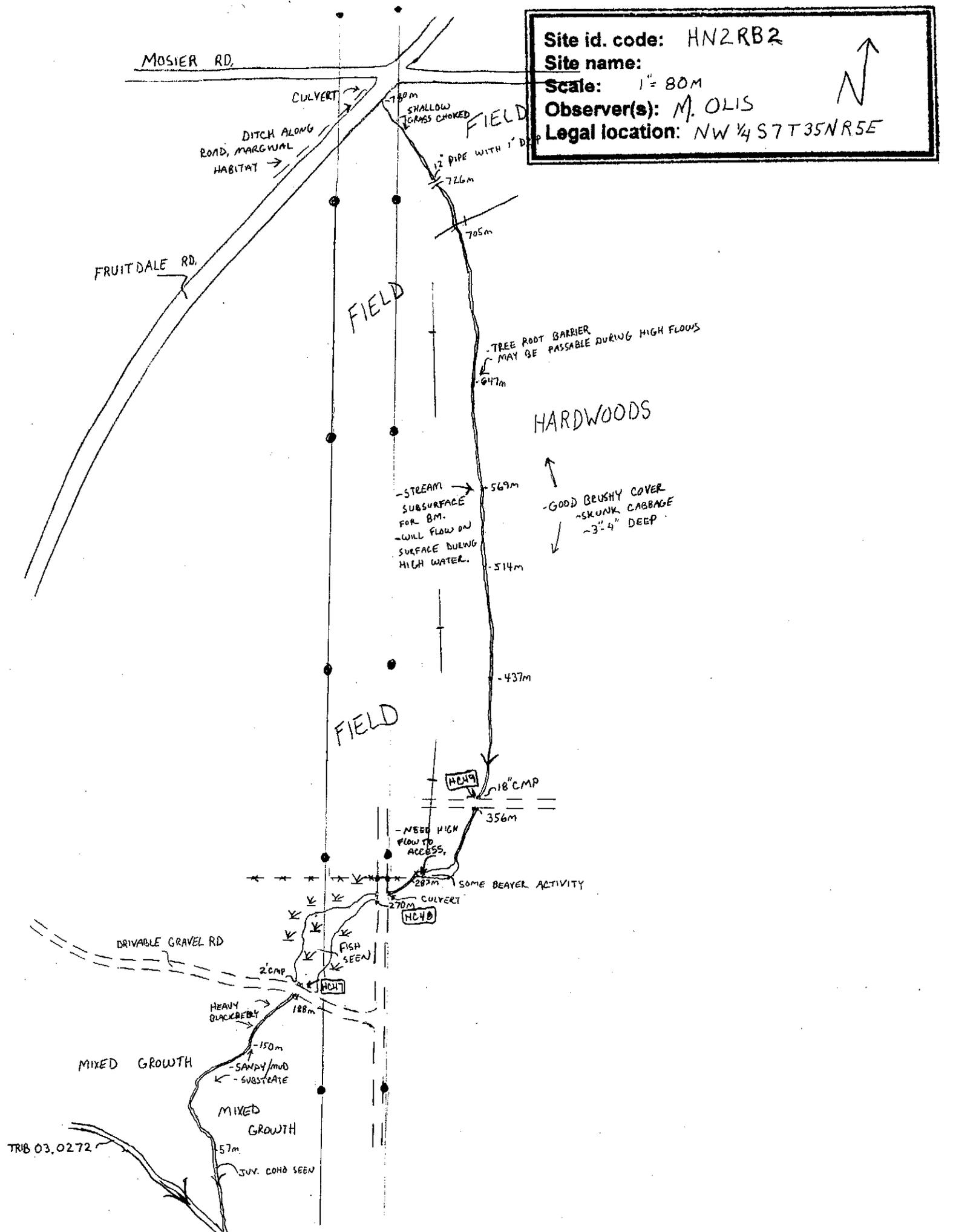
Site id. code: HN2RB2

Site name:

Scale: 1" = 80M

Observer(s): M. OLIS

Legal location: NW 1/4 S7 T35 N R5E



MOSIER RD.

CULVERT

DITCH ALONG ROAD, MARGINAL HABITAT

SHALLOW GRASS CHOKED FIELD

12" PIPE WITH 1" DIA

726m

705m

FRUITDALE RD.

FIELD

TREE ROOT BARRIER MAY BE PASSABLE DURING HIGH FLOODS

647m

HARDWOODS

-STREAM SUBSURFACE FOR BM. -WILL FLOW ON SURFACE DURING HIGH WATER.

569m

514m

-GOOD BRUSHY COVER "SKUNK CABBAGE" ~3"-4" DEEP

437m

FIELD

HC49

18" CMP

356m

-NEED HIGH FLOW TO ACCESS.

282m

SOME BEAVER ACTIVITY

CULVERT

270m HC40

DRIVABLE GRAVEL RD

FISH SEEN

26" CP

HC47

188m

HEAVY BLACKBERRY

MIXED GROWTH

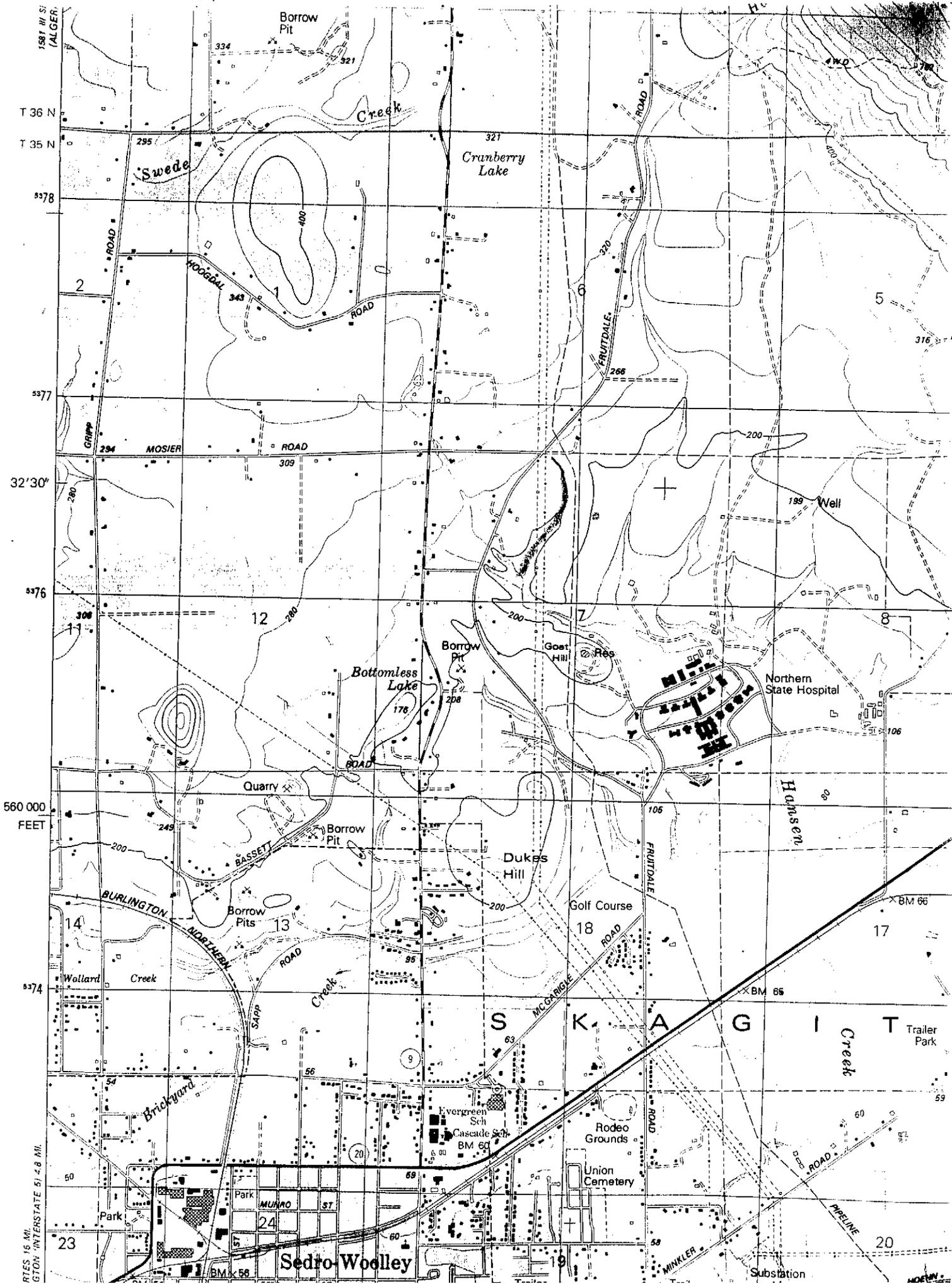
-SANDY/MUD SUBSTRATE

MIXED GROWTH

57m

JUV. COHO SEEN

TRIB 03.0272



RTES 16 MI.
GTON INTERSTATE 51 4.8 MI.

560 000
FEET

32'30"

Sedro-Woolley

Substation

HNZ RB 2

RM 0.4

NW 1/4 S7T35NR5E

TRIB TO 03.0272

2-18-98

FRONTAL CO.



0.0 ENTRY.

- FLOW < 0.1
- WTR TEMP - 45.5
- REC WTR TEMP - 45.5
- SM. POOL @ EASTLY AS WELL AS JUV. SALMONID

57m WW 1m

- SLOW MOVING - POOLED
- SANDY/MUD SUBSTR.
- TREE COVER BUT LITTLE BRUSH
- ANOTHER JUV. SEEN

150m WW 1m

- MOSTLY POOLED ...

150m ... AND SLOW-MOVING
@ POWER LINE CORRIDOR

188m WW 1m
- HEAVY BLACKBERRIES
OUCH.

- @ 2' CMP AND
GRAVEL ROAD UNDER
POWER LINE

- PIPE IS SLOPED
AT 3% - PROB. BARRIED
DURING CERTAIN
VELOCITIES,

- DEFINITELY COULD
BE BETTER.

- MARS. PASSAGE TODAY.

236m WW 12m
- SM. POND W/ TROUT?
FEEDING ON SURFACE
- CANOPY GRASS AND
RUSH. ALONG EDGES.
- GOOD STRUCTURE IN
POND - ALGAE GROWTH

270m 4m WW

- SWAMPY
- @ ROAD AND CULVERT
- CULVERT PASSABLE?

283m WW 1m

- RUSH/CANOPY CHOKED
CH.

- @ BVR DAM

290m - ~~290~~ WW 3M

- @ MUDDIED OVER
BERM

- WTR MAY FLOW
OVER DURING STORM
EVENTS. NOT PASSABLE
TODAY

311m WW 8M

- SMALL POND

- VERY MUCKY
- SMALL AMOUNTS
OF WTR PARALLEL

354m WW 1m

- SLOW-MOVING

- GOOD BRUSHY COVER

- @ 18" CMP & ROAD
GR.

356m WW SEEMS
PASSABLE,

437m WW 1m

- MUCKY SUB.

- HEAVY BRUSH

- PARALLELS POW LINES

- SKUNK CAB. SPROUTING
UP.

514m WW 0.5M

569m WW 0.5M

- END OF FISH
ACCESS, STEM JUST
A TRICKLE AND @
A POINT WHERE

569 m STEM GOES
SUBSURFACE - IT MAY
FLOW ON SURFACE DURING
FLOOD EVENTS
WILL CONTINUE

647 m 0.5 m

- @ TREE ROOT
NOT PASSABLE TODAY
BUT R MAY BE DURING
HIGHER FLOWS. 1' DROP

705 m WW 0.5 m

BACK W POWER LINE
CORRIDOR

726 m WW 0.5 m

- @ 12" PIPE
(CONNECTING FIELDS)
1' DROP JUST UPSTREAM
OF PIPE. MARG.
PASSAGE.

780 m WW 1 m

GRASS CHOKED, SHALLOW
DOUBTFUL FISH USE,
- @ FRUITDALE RD. AND
CULVERT, THIS SYSTEM
CONTINUES IN DITCH
ALONG FRUITDALE ROAD
MARGINAL HAB.

COMMENTS

- LOW FLOODING
- NO SPAWNING HAB.
- SOME EXCELLENT REARING IN PLACES.
- GOOD MEANDEE & POOL RATIO.
- SALMONIDS SEEN
- CULVERT @ 188m IS 3% SLOPED. ~~COULD~~ COULD BE ENHANCED - LEVELLED AND MAY BE RAISED.

- CULVERT @ 270m IS POSSIBLE BARRIER DIFFICULT TO TELL,