

**SITE INFORMATION**

**Site Identifier :** MO1RB1 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.0293X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Morgan Cr **City :**  
**River Mile :** 1.60 **State :**  
**River System :** Morgan Cr **Zipcode :**  
**Legal Description :** NW1/4S29T35NR6E **Phone :**  
**County :** Skagit  
**Habitat Type :** terrace tributary

**Directions :**

Follow the South Skagit Highway, from the Highway 9 intersect, for approximately 8.6 miles to Morgan Creek. Hike upstream for approximately 100 meters to the site.

**Area Overview :**

This is an intermittent site that does offer some good over-winter rearing habitat but site appears to be disconnected during extended low flows. There was no spawning habitat found.

**Field Survey Information**

**Date :** 01/06/1998 **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: 5.0  
Upper end: 4.4

**Receiving Water Temperature (C):** 5.3

**Other Observations:**

**Site Area Measurements:** ( ) Indirect (X) Direct ( ) Combination  
 Widths: Channel: 2m Ponds: Wetlands:  
 Depths: Channel: 25cm Ponds: Wetlands:  
 Total length (includes ponds and wetlands): 850m

**Total existing habitat area (est. m2):** 1991  
 Spawning area: Mainstem: Tribs: Total:  
 Impounded area: Mainstem: Tribs: Total:  
 Other rearing area: Mainstem: 1991 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: Site has variety of habitat which includes: several large, mud-bottomed pool areas; a stretch of brush and canary grass-choked channel (probably old ditch); stretches of shallow, mud-bottomed riffled habitat; and several shallow, slow-moving reaches towards the back end of the site which is wooded and peppered with water parsley in places.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: Site would not be affected by a flooding Morgan Creek and is out of the Skagit River flood plain.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: Eddy pool at entry.

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

Describe: Would not expect adult use because of lack of spawning habitat and although no juveniles were observed, site is accessible to them and provides good over-winter habitat.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Juvenile trout was observed within the first 100m and the site does offer good habitat for them.

ENHANCEMENT OPPORTUNITIES: A section of the stream flows through a pasture that might benefit from some fencing. Also, at the upstream end of the culvert under Potts road, juveniles would have to negotiate a almost chute-like stretch (approximately 6m) which comes down from a small ponded area. This could be enhanced if found feasible. Just above this small ponded area, there is a 12" cmp that goes under an old grade that isn't used anymore. This could be removed or possibly replaced and raised to create a little more winter rearing habitat.

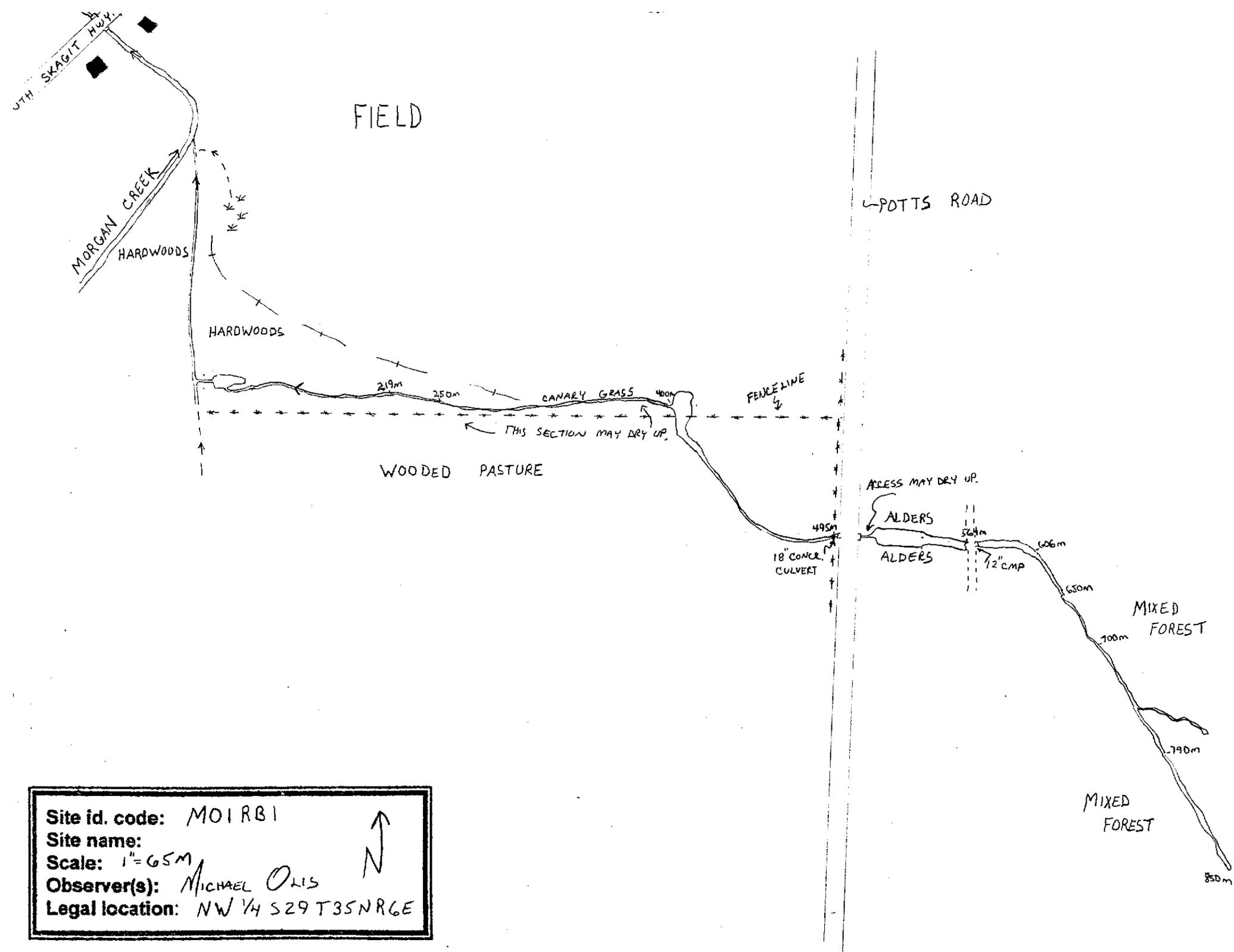
Project type:

Equipment access: Good

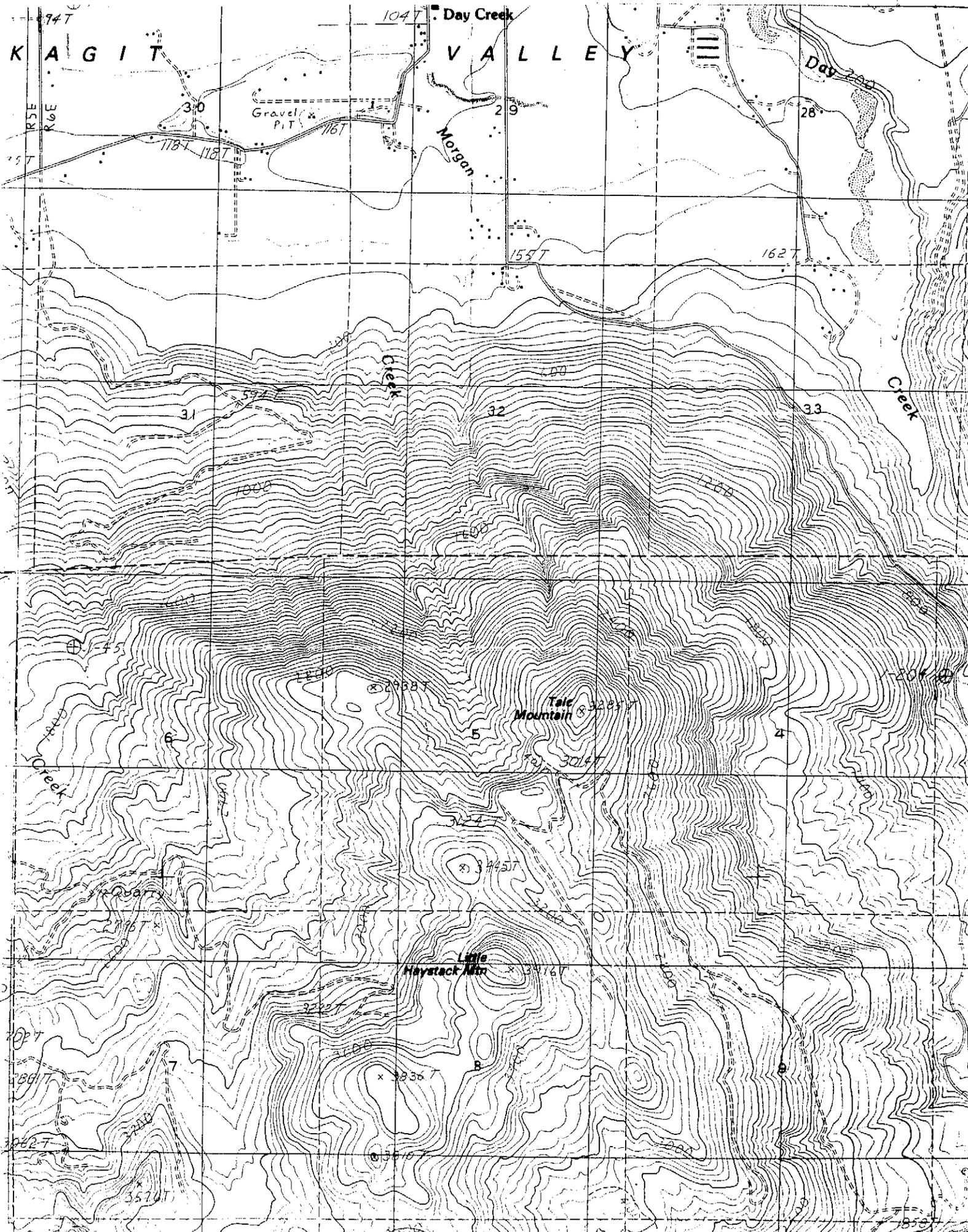
ADDITIONAL COMMENTS: Site appears to be intermittent and is probably reduced to a series of pooled habitat during extended low flows.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References



Site id. code: MOIRBI  
 Site name:  
 Scale: 1" = 65M  
 Observer(s): MICHAEL OLIS  
 Legal location: NW 1/4 S29 T35N R6E



MOIRB1

RM 1.6

NW 1/4 S29T35NR6E

114m RF HAS  
50% OF FLOW  
GOING UP RE

124m 1m W RIFF  
- @ BASE OF  
SMALL WETTED AREA

141m WW 8m  
- POOL W/ CANARY  
GRASS - SKUNK CARBAGE  
- PROB, DRIES UP.  
CONTINUING UP  
INLET.

219m WW 1m  
- MUD BOTTOMED

- 4" DEEP  
- SMALL AMOUNTS  
OF WTR PARSLEY  
- SLOW-MOVING  
- HEAVY BRUSH

250m WW 2m  
- SHALLOW, CHOKED  
WITH CANARY GRASS  
AND SWD. DIFFICULT  
TO SEE CHANNEL

400m WW 1m  
- SHALLOW, CANARY  
GRASS  
- FOLLOWS FENCE  
LYNE

400m

- @ LARGE POOL  
SM. POND -

415m WW 10m  
SHALLOW POOL

425m WW 6m  
SHALLOW POOL

495m WW 2m

- SHALLOW  
- THROUGH WOODED  
PASTURE  
- @ 18" CONC. R.  
CULVERT

505m UPSTREAM END  
OF CULVERT.

510m - SWW

- OUTLET TO POND  
AREA  
- RIFF

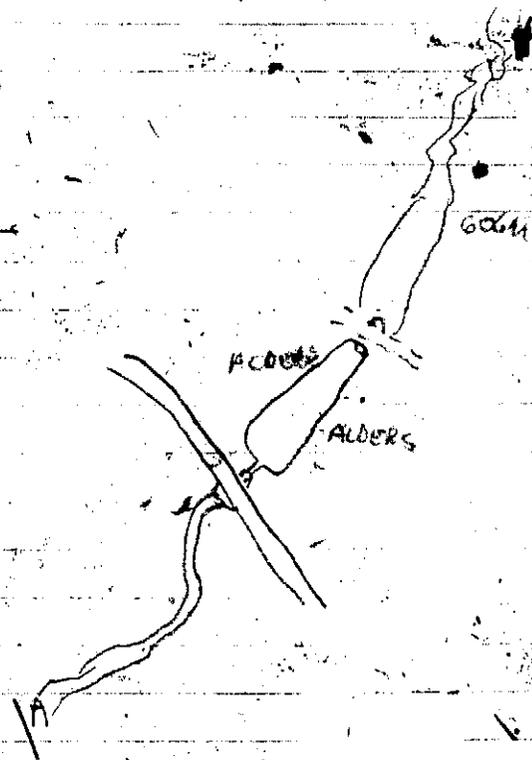
540m WW 8m POOL  
LV. & BUD BOTTOMED

- 1M DEEP  
- ALDER LINED.

564m WW 5m POOL

- @ 12" CMP & OLD  
GRADE

@ UPSTREAM END OF  
CULVERT IS FULL OF  
DEBRIS - WTR FLOWS  
DOWN INTO CULVERT  
BARRIER.



606m ww' 5m

- LV BITTED FULL  
OF BRUSH & SM TREES

650m ww 3m

SHALLOW, FLOWS  
THROUGH PATCH  
OF SEDGES.

700m ww 2m

- SHALLOW - BRUSH  
CHOKED CHANNEL  
- JUST ABOVE PATCH  
OF WTR PARSLEY  
- MIXED FOREST UP  
STREAM - HOWAS  
DOWN STREAM,

764m ww 2m

- SHALLOW

- APPEARANCE OF DRYING  
UP @ TIMES BUT  
OCCASSIONAL PATCH  
OF WTR PARSLEY

@ FORK - RE

CONTINUES FOR

30m @ 1m WIDE  
W/ WTR PARSLEY.

CONTINUING UP LE

790m ww 1m

SHALLOW SLW-MOVING

850m ww 2m

VERY SHALLOW

& BRUSHY

- END OF HABITAT -  
WTR TEMP, 40°

~~THE~~ PARTS OF THIS  
FORK WILL DRY UP,  
LEAVING A SERIES  
OF DISCONNECTED  
POOLS. GOOD  
OVERWINTER REARING  
NO SPAWN. HAB

BACK @ FORK

@ 114m  
REZEROING @ LF

20m WW 1m

- SLOW - MOVING - MUD BOTTL  
@ FENCE LINE

95m WW 1m

- FOLLOWS FENCE LINE  
- CH. DUG OUT IN  
PLACES GOES RIGHT  
BEHIND OUT BUILDING.

217m WW 1m

- MUD BOTTOMED  
- HEAVY BLACKBERRY &  
OTHER BRUSH.

400m WW 20m

- WOODED SWAMP  
- LOTS OF WTR.  
PARSLEY  
- PROB. DRIES UP  
SOMEWHAT & BECOMES  
DISCONNECTED.

#### COMMENTS

- NO SPAWNING HAB.  
- LOW FLOODING POT.  
- ONE JUV. TROUT  
SEEN.  
- GOOD OVER WINTER PERH.  
BUT WILL BE COME  
DISCONNECTED.