



**Water temperatures:** Lower end: 5° C

- On 2/8/95 the stream temperature was 8° C

**Adjacent stream temperature:** Ponds Creek 5° C

- On 2/8/95 the stream temperature was 7° C

**Other water observations:** Water is slightly tannic colored

**Site area measurements:**  Indirect  Direct  Combination

- Width: 2 - 4 m
- Depth: 8 - 10 cm Max- 40 cm
- Total length surveyed: 700 m

**Total existing habitat areas (est):** 2100 m<sup>2</sup>

- Spawning area: 0
- Impounded area: 0
- Other rearing area: 2100 m<sup>2</sup>

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

**Describe spawning habitats:** None

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

**Describe pond and other rearing habitats:**

- The lower 400 m below the road is a low gradient stream.
- About 200 m above the road, the gradient increases to moderately-steep.
- Cover is provided by woody debris and sedges.
- High flows occur during heavy rains.

**Nonaccessible habitats:** None

**Wetland information:**  Bog  Marsh  Scrub-shrub Wetland  Forested Wetland

- This channel is not associated with any wetlands.

**Flooding potential:**  Low  Medium  High

- High flows from within the system are the only threat to this channel.

**Fish Information:**

**Site entry condition to Ponds Creek:**  Poor  Fair  Good

- Enters on a glide just above a bend.

**Coho access and use:** Juvenile-  Unknown  None  Poor  Fair  Good

Adult-  Unknown  None  Poor  Fair  Good

- Coho juvenile use has not been sampled however, four salmonid fry were observed during the survey.
- These fry were distributed throughout the surveyed area.

**Other species access and use:** ( ) Chum ( ) Pink ( ) Sockeye ( ) Trout ( ) Res. Trout  
- It is unknown at this time if any trout use this site.

**Habitat Improvements:**

**Enhancement opportunities:**

- Replace the culvert at the 9000 road crossing.
- Maintain integrity of the system
- Add LOD to the channel.

**Additional comments:**

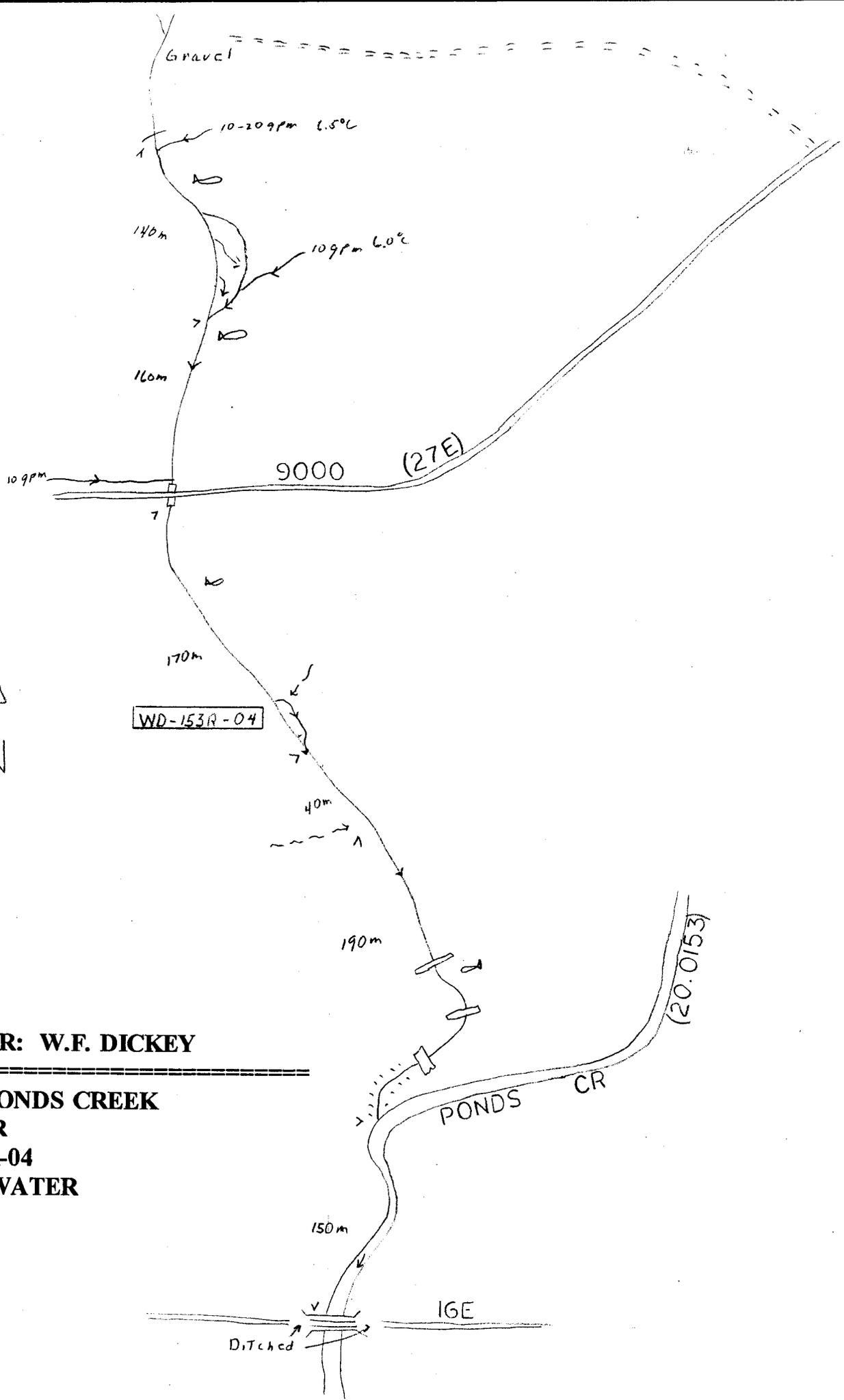
- The 30" culvert at the 9000 road crossing is installed at an angle and is undersized.

**Attachments Available:**

**Contact a respective SSHEAR habitat biologist for the following circled items:**

Aerials	Sketch	Maps
Other references	Spawning surveys	Juvenile trapping

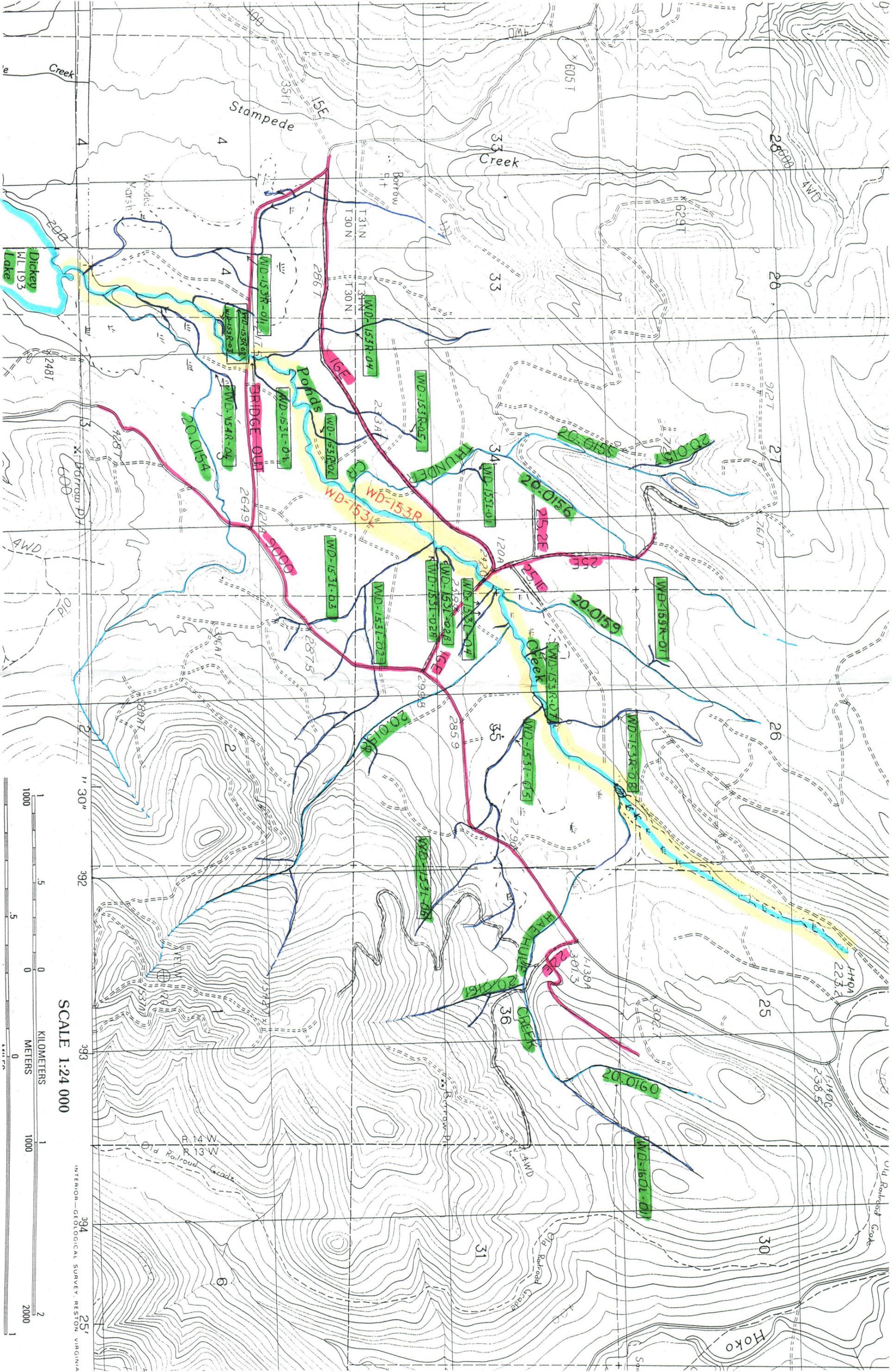




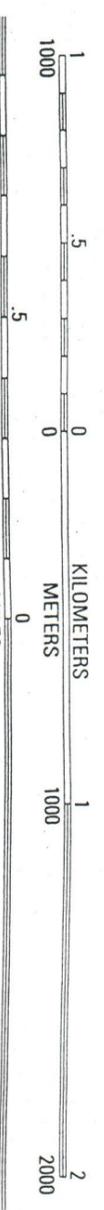
**RIVER: W.F. DICKEY**

**TRIB: 20.0153 PONDS CREEK**  
**AREA: WD-153R**  
**SITE: WD-153 R-04**  
**NAME: QUICKWATER**

**Date: 2/95 Rev:**



SCALE 1:24 000



INTERIOR- GEOLOGICAL SURVEY, RESTON, VIRGINIA