

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
HABITAT PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast	Observer(s): Nettnin
River System: W.F. Dickey (20.0097)	Date: 2/9/95
Site Identifier: WD-153R-05	WRIA: 20.0154 F
River Mile Location: 1.5 mi.	RB/LB: RB
Local Name: Slowwater Springs	Trib. to: Ponds Creek (20.0153)
Legal Description: NW¼ Sec 3 T30N R14W	County: Clallam
Habitat Type: Terrace trib.	
Landowner: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Rayonier Timberlands Operations Co.	

Directions to site:

Go north from Forks on Hwy. 101 about 8.4 mi. then turn left at the Lake Pleasant Grocery Store (0.4 mi. north of MP 200) onto Lake Pleasant Road. Stay on the main road going past the community park and across the Lake Cr. bridge. Turn right and continue up the county road (along the NW shore of the lake) to the end of the pavement. This road then becomes the 9000 line. Continue on the 9000 for 16.5 mi. to a gate, just past the jct of the D-5000 (a key is required to get through the gate and can be acquired at the Rayonier Timberlands Operations Co. office or the Department of Natural Resources office). Continue through the gate for 3.5 mi. Bear left at the junction onto the 16E (the old DNR map will indicate that the road to the left is the 27E) continue on the 16E for 0.4 mi. crossing Ponds Creek bridge, bear left at the junction with the 25E, proceed for another 0.8 mi. to a culvert crossing. This is WD-153R-05.

Habitat Information:

Water sources: Surface runoff and intermittent springs along the channel.

Intermittent/year-around: Unknown, possibly year-around

- The stream was observed twice this summer: Once in early August and once in early October; both times the stream was flowing.

Water temperatures: Lower end: 6° C

Adjacent stream temperature: Ponds Creek 6° C

Other water observations: Water is slightly tannic colored.

Site area measurements: Indirect Direct Combination

- Width: 1 - 3 m
- Depth: 10 - 20 cm Max- 40 cm
- Total length surveyed: 800 m

Total existing habitat areas (est): 1600 m²

- Spawning area: 0
- Impounded area: 0
- Other rearing area: 1600 m²

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:

- This is a low gradient stream with many sluggish areas.
- Cover is provided by woody debris and sedges.
- Above the road, there is an abundance of woody debris. In two or three places, there is an excess of woody debris, which may present passage problems.
- Below the road, the plantation has been thinned. In places the thinning debris is very thick over the top of the stream, however, the banks are high enough that there doesn't appear to be any passage problems.

Nonaccessible habitats: None

Wetland information: Bog Marsh Scrub-shrub Wetland Forested Wetland

- The associated sedge marsh is about an acre in size.
- The associated scrub-shrub wetland is about 3 - 5 acres in size.
- Wetland plants observed: Slough sedge (*Carex obnupta*), Creeping buttercup (*Ranunculus repens*), Sitka spruce (*Picea sitchensis*) Salmonberry (*Rubus spectabilis*).

Flooding potential: Low Medium High

Fish Information:

Site entry condition to Ponds Creek: Poor Fair Good

- Enters in a cove-eddy combination.
- Excessive woody debris, at the channel entrance, may inhibit migration. During low flows water filters through the debris. During moderate flows water spills over the top, but onto a lower part of the jam. High flows, in Ponds Creek, will inundate the jam.

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

- Coho juvenile use has not been sampled and no fish were observed during the survey.

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:

- Consider spawning pads below the culvert at the 9000 road crossing.
- Remove the excessive debris at the channel entrance.
- Remove excessive woody debris in other areas of the channel if it is determined to be a problem.
- Maintain integrity of the system.

Additional comments:

Attachments Available:

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

Aerials	Sketch	Maps
Other references	Spawning surveys	Juvenile trapping

WDFW FISH PASSAGE REPORTING FORM

LEVEL I - Facility/Barrier Identification

(1) CHECK ONE: Existing Fishway (includes baffled culverts)
 Man-made Fish Passage Problem

(2) STREAM: Slowwater Cr.

(3) WRIA#/RM: 20.0154F/RB/Rm1.5

(4) TRIBUTARY TO: Ponds Cr. (20.0153)

(5) LEGAL(S,T,R): SE ¼, SEC 3, T30N, R14W

(6) LATITUDE/LONGITUDE:

(7) MILEPOST/ROAD:

Go north from Forks on Hwy. 101 about 8.4 mi. then turn left at the Lake Pleasant Grocery Store (0.4 mi. north of MP 200) onto Lake Pleasant Road. Stay on the main road going past the community park and across the Lake Cr. bridge. Turn right and continue up the county road (along the NW shore of the lake) to the end of the pavement. This road then becomes the 9000 line. Continue on the 9000 for 16.5 mi. to a gate, just past the jct of the D-5000 (a key is required to get through the gate and can be acquired at the Rayonier Timberlands Operations Co. office or the Department of Natural Resources office). Continue through the gate for 3.5 mi. Bear left at the junction onto the 16E (the old DNR map will indicate that the road to the left is the 27E) continue on the 16E for 0.4 mi. crossing Ponds Creek bridge, bear left at the junction with the 25E, proceed for another 0.8 mi. to a culvert crossing. This is WD-153R-05.

(8) DESCRIPTION OF FISHWAY, FACILITY: NA

(9) DESCRIPTION OF BARRIER: Partial Barrier
Culvert is under sized and may be a velocity barrier at certain flows.

(10) OWNER: Rayonier Timberland Operations Company

(11) FISH ACCESS UP TO BARRIER VERIFIED/PRIMARY SPECIES: Access is open, but no fish were observed.

(12) HABITAT AVAILABLE ABOVE FISHWAY OR BARRIER: 400 m of rearing habitat

(13) IDENTIFIED BY (agency/organization): WDFW - SSHEAR

(14) SUBMITTED BY/DATE OBSERVED: Nettnin - 2/95

(15) INVENTORY DESCRIPTOR:

LEVEL II - Culvert/Barrier Description

CULVERT:

(16) TYPE (Indicate number of each): concrete round
 concrete box
(17) LENGTH: 30 ft smooth steel pipe
 CMP - Round
(18) DIAMETER: 30 in CMP - Arch or Ellipse
 Other:

(19) WATER DEPTH:

(20) SLOPE:

(21) VELOCITY: 3 - 5 ft/sec

(22) OUTFALL DROP: subsurface at this flow.

DAM: (23) LENGTH:

(24) HEIGHT:

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: W.F. Dickey

Site No.: WD-153R-05

WRIA: 20.0154F

Site Name: ~~Quickwater Cr.~~

DATE: 3/26/96

OBSERVER: Darrow/Nettnin

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	CATCH		RBT	CUTT	COTTID
					COHO	UMRK MRK			
1	3/26/96	6.5° C	3/27/96	6.0° C	1	0	0	0	5
2	3/26/96	6.0° C	3/27/96	6.0° C	0	0	0	0	1

COMMENTS:

- Trap #1 was just above the culvert on the 16E.
- Trap #2 was 10 ft below the culvert on the 16E.

RIVER: W.F. DICKEY

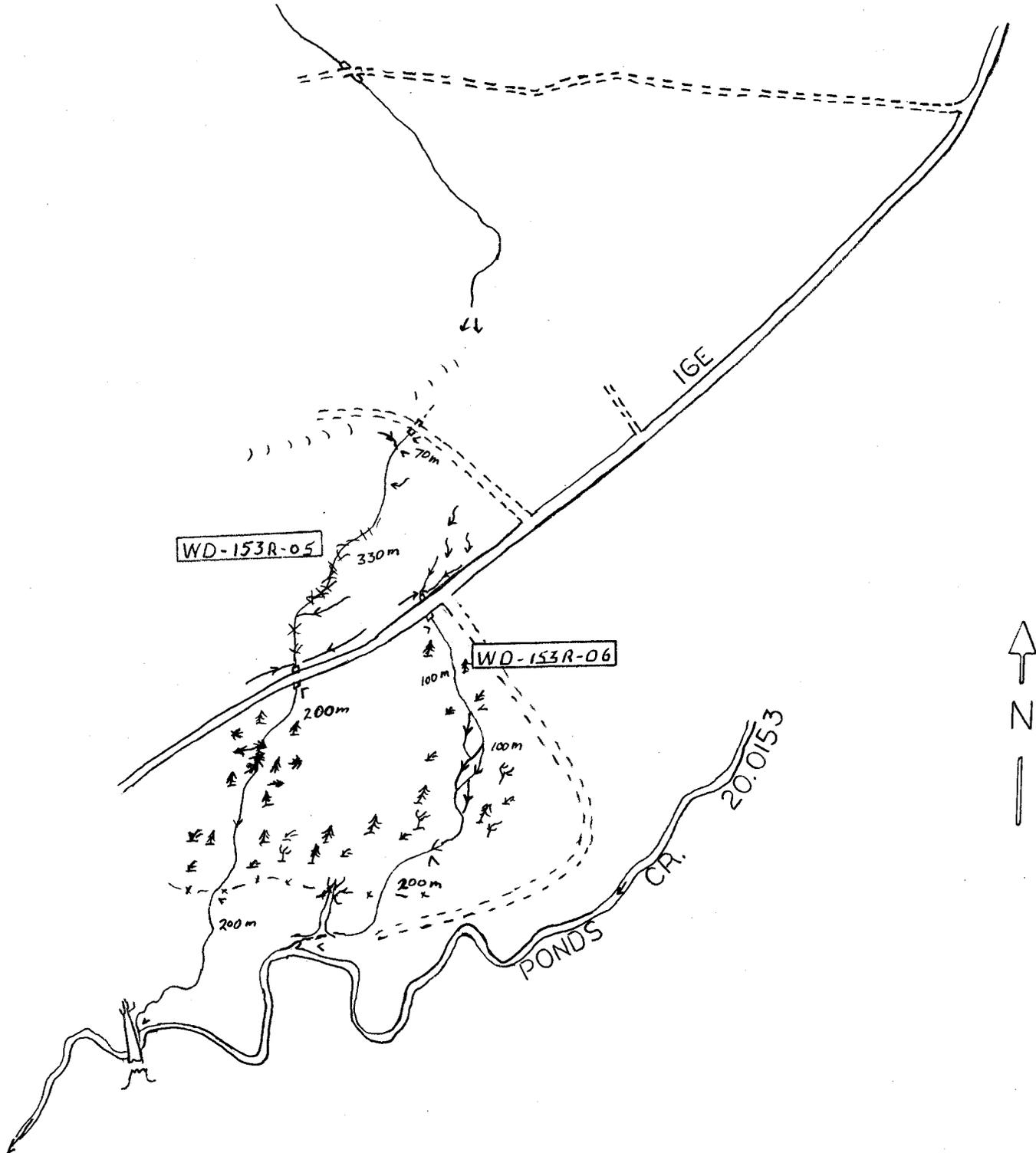
TRIB: 20.0153 PONDS CREEK

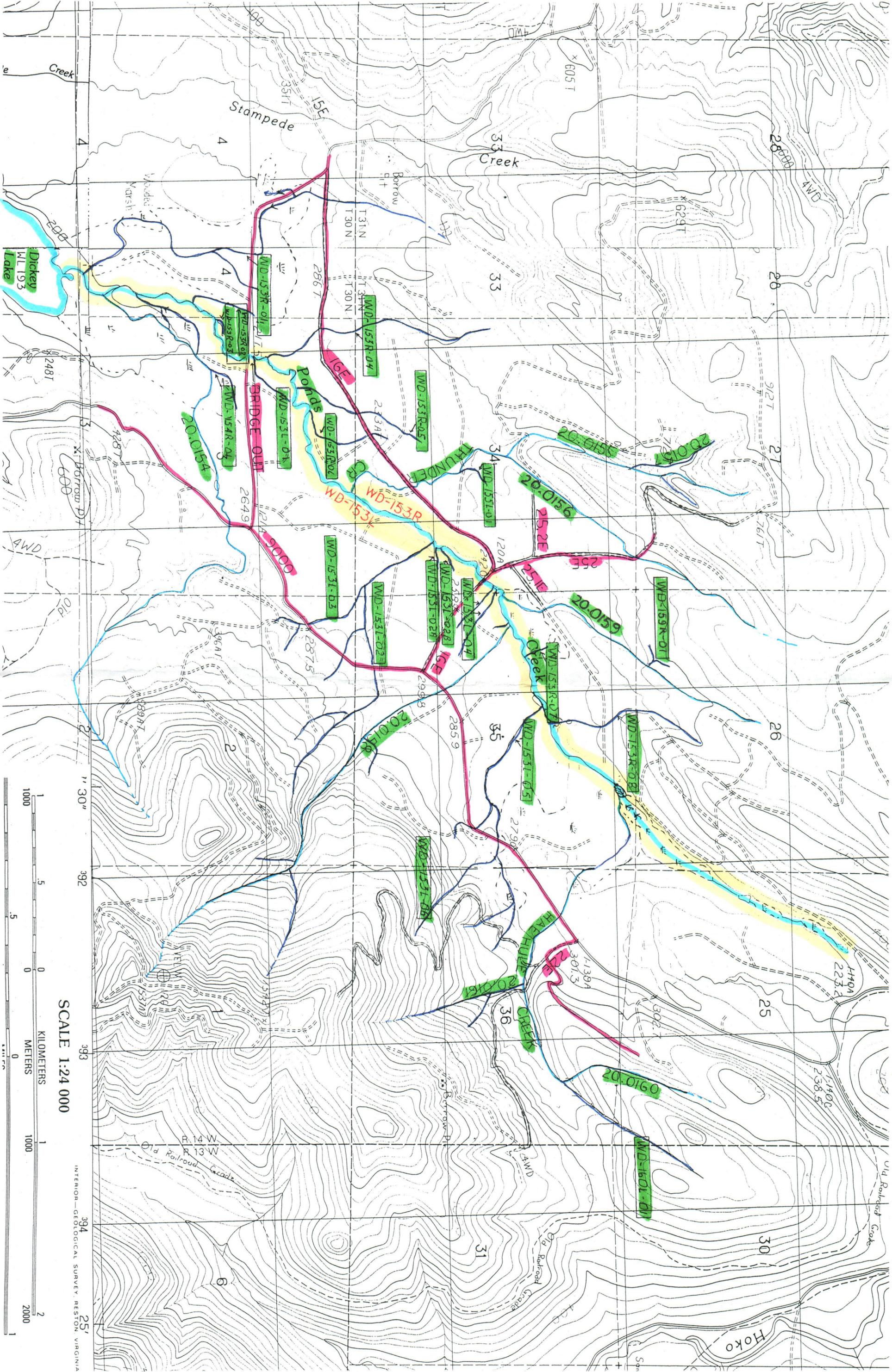
AREA: WD-153R

SITES: WD-153R-05, WD-153R-06

**NAMES: SLOWWATER SPR,
LITTLE MARSH**

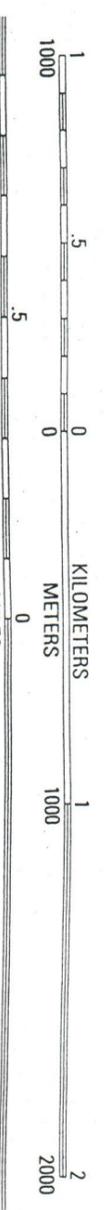
DATE: 2/95 Rev:





SCALE 1:24 000

INTERIOR- GEOLOGICAL SURVEY, RESTON, VIRGINIA



R 14 W
R 13 W

Old Railroad Grade

Old Railroad Grade

Old Railroad Grade