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): Powell

River System: W.F. Dickey (20.0097)

Date: 2/2/95

Site Identifier: WD-0158

WRIA: 20.0158

River Mile Location: 3.0 mi.
- Stream catalog indicates 20.0158 enters at R.M. 1.75

RB/LB: LB

Local Name: Unnamed

Trib. to: 20.0153 Ponds Creek

Legal Description: NW3 Sec 35 T31N R14W

County: Clallam

Habitat Type: Terrace tributary

Landowner: () Federal () State () County () Other Government (X) Private
- Rayonier Timberlands Inc.

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 N.W. 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. A key can be acquired at the Rayonier Timberlands Inc. office or the DNR office.). Continue through the gate for 3.55 mi. The culvert crossing at this point is WD-0158.

Habitat Information:

Water source: Surface runoff and springs.

Intermittent/year-around: Intermittent.
- The channel was dry, at the D-9000, on 5/23/95 and 9/21/95, but had 1/8 - 1/4 CFS ~250 m above the road crossing on 9/21/95.

Estimated flows (cfs): Lower end: 2.0 - 3.0 Upper end: 1.0 - 2.0

Water temperatures: Lower end: 8 C Upper end: 6 C
(15 C in the midreach on 9/21/95)

Adjacent stream temperature: 5EC (20.0153)

Other water observations: Tannic colored water.

Site area measurements: () Indirect (X) Direct () Combination
Width: 1 - 2 m
Depth: 10 - 30 cm
Total length surveyed: 1690 m

Total existing habitat area (est.): 2080 m5
Spawning area: 1600 m5
Impounded area: 0
Other rearing area: 480 m5

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

Describe spawning habitat:
- There is quality gravel and rubble in the first 1100 m, which has a gentle to moderate gradient.

Rearing habitat conditions: () None (X) Poor () Fair () Good () Excellent

Describe pond and other rearing habitat:
- This stream experiences high flows.
- This stream becomes intermittent during dry periods.
- There are few large pools or refuge areas.
- Cover is provided by woody debris and overhanging brush.
- Stream becomes high gradient, with boulders, above 1700 m.

Unaccessible habitat: None

Wetland information: () Bog () Marsh () Scrub-shrub Wetland () Forested Wetland
- This channel is not associated with any wetlands.

Flooding potential: (X) Low () Medium () High
- High flows from within the system are the only threat to this system.

Fish Information:

Site entry condition to (20.0153): () Poor () Fair (X) Good
- Channel egresses into a glide.
- There is a couple of overflow channels, which were dry during the survey, that would be an additional source of
egress during high flows.

Coho access and use: Juvenile- (X) Unknown () None () Poor () Fair () Good
Adult- () Unknown () None () Poor (X) Fair () Good
- Juvenile access is inhibited by intermittent flows.
- There is a 1 m plunge near channel mouth.
- There is a 1 - 1.5 m plunge at culverts.
- Spawning surveys have been conducted on this system by the Quileute Tribe.

Other species access and use: () Chum () Pink () Sockeye ()Chinook (X) Trout
- ~33 cm trout was observed at ~450 m.
- Several 0+ salmonids, 8 - 16 cm trout and unidentified salmonids were observed on 9/21/95.

Habitat Improvements:

Enhancement opportunities:
- Replace culverts on the D-9000.
- Channelize lower end of channel.
- Maintain integrity of the system.

Additional Comments:
- The twin culverts on the D-9000 are rotting out and one is plugged by debris.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

(X) Aerials	(X)Sketch	(X) Maps	(X) Culvert Report
( ) Other references	( ) Spawning surveys	(X) Juvenile trapping	( ) Fishway Report

DOC: WD-0158

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: W. F. Dickey

Site No.: WD-0158
Site Name: Unnamed

DATE: 1-10-96 - 1-11-96 **OBSERVER:** Darrow and Powell

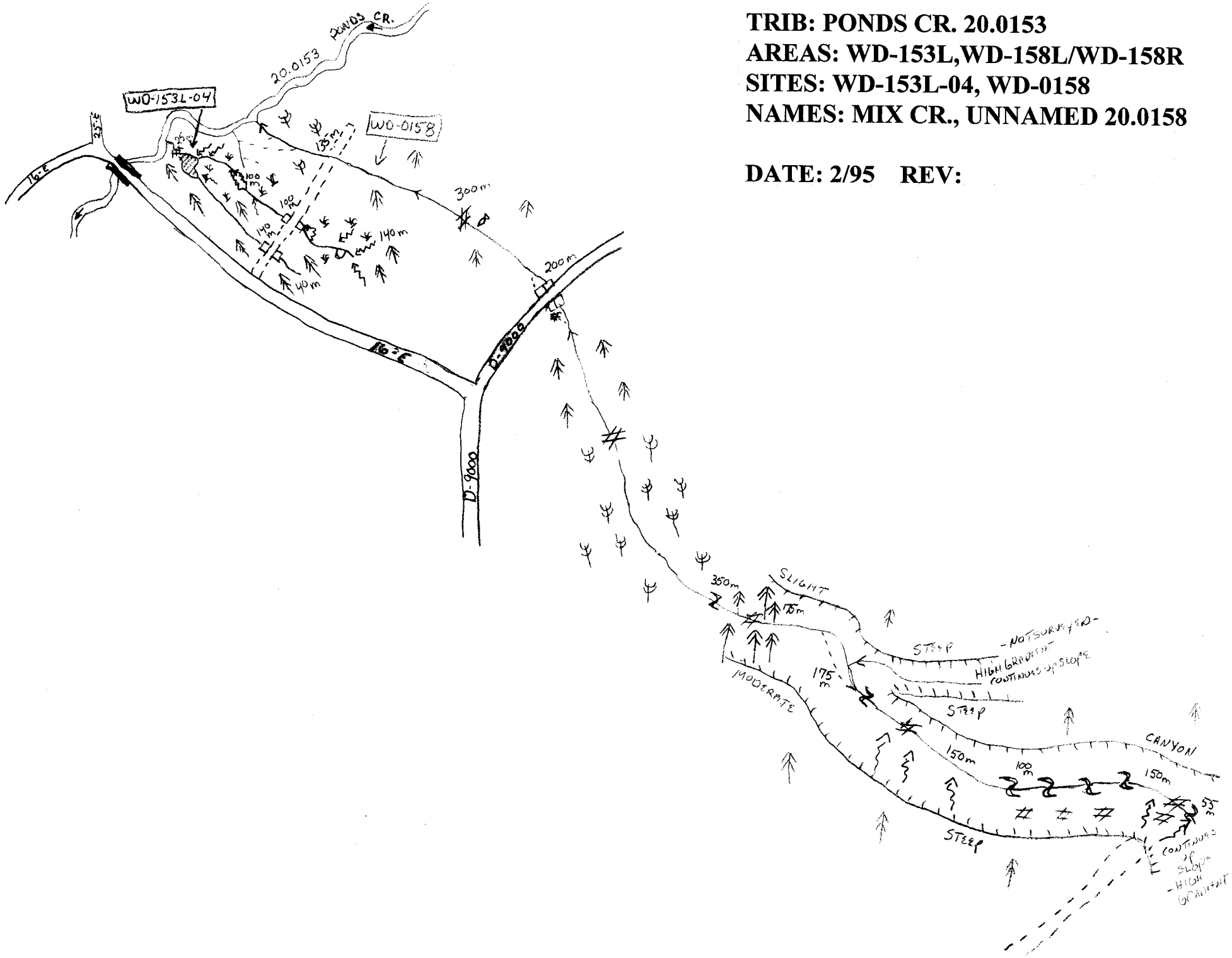
TRAP	DATE SET	TEMP	DATE PULLED	TEMP	CATCH COHO UMRK	CATCH COHO MRK	RBT	CTT	COTTID
1	1/10/96	6.5 C	1/11/96	5.5 C	0	0	0	4	0
2	1/10/96	6.5 C	1/11/96	5.5 C	0	0	0	2	0
3	1/10/96	6.5 C	1/11/96	5.5 C	0	0	0	2	0
				Total:	0	0	0	8	0

COMMENTS:
- Trap 1 was placed ~35m below the D-9000 crossing.
- Trap 2 was placed ~25 - 50m upstream from the D-9000.
- Trap 3 was placed ~100 m from the D-9000.

RIVER: W.F. DICKEY

TRIB: PONDS CR. 20.0153
AREAS: WD-153L,WD-158L/WD-158R
SITES: WD-153L-04, WD-0158
NAMES: MIX CR., UNNAMED 20.0158

DATE: 2/95 REV:



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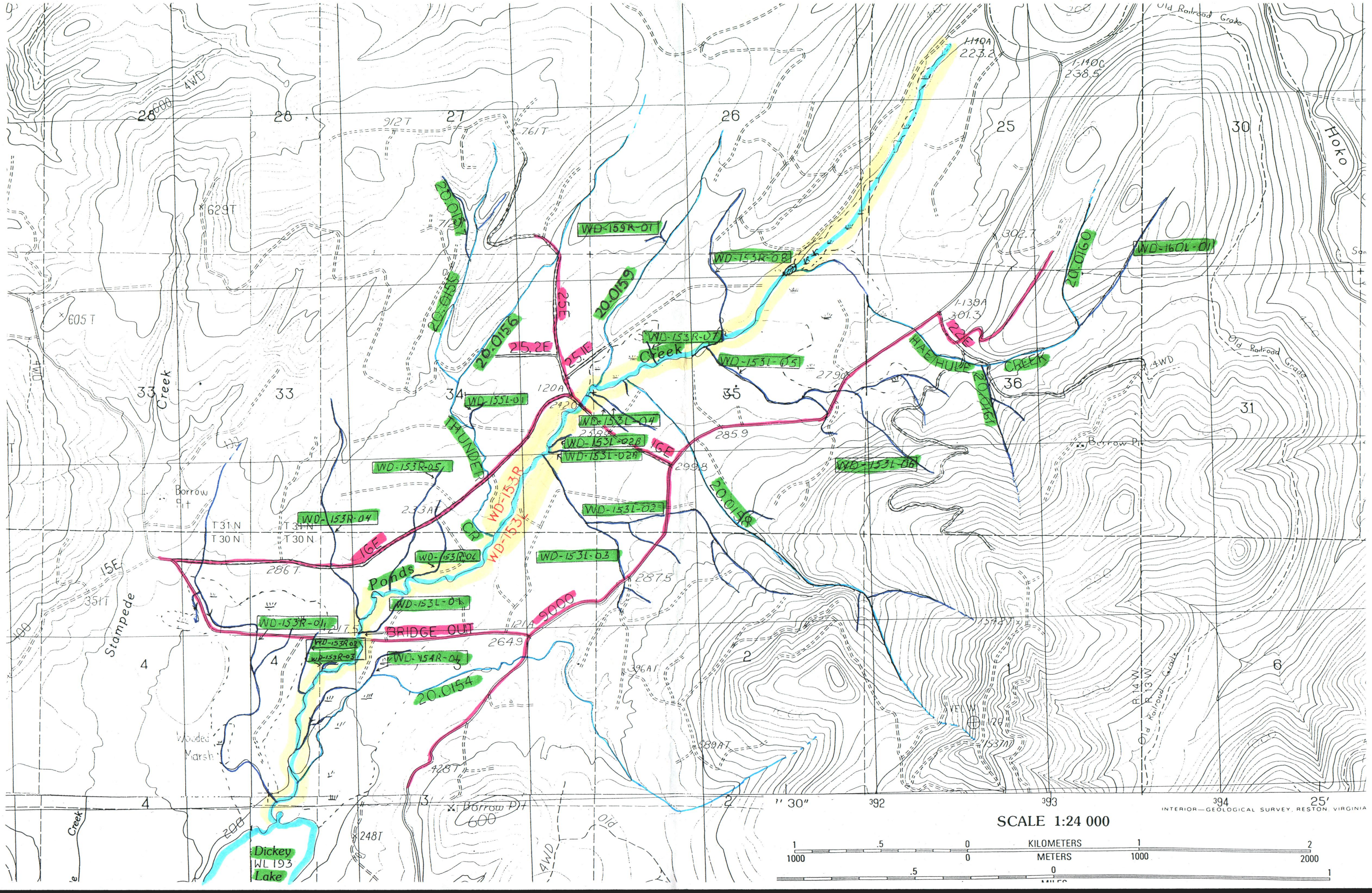

Old Railroad Grade
Hoko
Creek
Stampede
Ponds
Borrow Pit
Wooded Marsh
Dickey Lake
WL 193
BRIDGE OUT
THUNDER
HAE HULE CREEK
WD-159R-01
WD-153R-08
WD-153R-07
WD-153L-05
WD-155L-01
WD-153L-04
WD-153L-02B
WD-153L-02A
WD-153R-05
WD-153R-04
WD-153R-06
WD-153L-02
WD-153L-03
WD-153L-01
WD-153R-01
WD-153R-02
WD-153R-03
WD-154R-01
WD-153L-06
WD-160L-01
20.0157
20.0155
20.0156
20.0159
20.0160
20.0161
20.0158
20.0154
25.2E
25.1E
25E
22E
16E
9000
T 31 N
T 30 N
R 14 W
R 13 W
SCALE 1:24 000
KILOMETERS
METERS
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA