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: Nettnin

River System: M.F. Dickey

Date: 4/25/95

Site Identifier: MD-R1-05

WRIA: 20.0145B

River Mile Location: 2.1 mi.

RB/LB: RB

Local Name: Tomahack (Tom-a-hawk) Cr.

Trib. to: M.F. Dickey (20.0145)

Legal Description: NE¼ Sec 22 T30N R14W

County: Clallam

Habitat Type: Lower valley wall tributary

Landowner: () Federal (X) State () County () Other Government (X) Private
- Dept of Natural Resources
- Rayonier Timberlands Operations Company

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, about 15.0 mi. to the M.F. Dickey bridge. Continue another 0.3 - 0.4 mi. (There are two old grades that go off the left within about 0.1 mi.). The second left, which has an old road sign that reads 5901 is the proper one. Walk down this grade to the first stream crossing (about 100 m). This stream is MD-R1-05.

Area Overview:

This tributary is a second order stream. It sources about mid-slope on the valley wall. It then flows through the terraces in a V-notch to the M.F. Dickey River. There is a bad culvert at the 9000 line and at the old grade; the bottom is rotted out of both pipes causing a blockage, except, perhaps on high flows. It drains approximately 150 acres of 20 - 30 year old conifer. This tributary recruit gravel for the M.F. Dickey.

Habitat Information:

Water sources: Surface runoff, springs

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

Estimated flows (cfs): Lower end: 0.2 - 0.5 Upper end: >0.2

Water temperatures: Lower end: 8.5°C Upper end: 8.5°C

Adjacent stream temperature (M.F. Dickey 20.0145): 11°C

Other water observations: Tannic colored, flushing flows occur at times.

Site area measurements: () Indirect () Direct (X) Combination

Widths:	Channel- 0.5 - 1.5 m	Ponds- NA	Wetlands- NA
Depths:	Channel- 5 - 10 cm	Ponds- 0	Wetlands- NA

Total length (includes ponds and wetlands): 1200 m

- Ended survey at 9000 line.
- Measured 600 m in the field and 600 m off the aerial photo.

Total existing habitat areas (est.): 1230 m^2

Spawning area: 30 m^2
Impounded area: 0
Other rearing area: 1200 m^2

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

Describe spawning habitats:

- Substrate has a lot of fines mixed in the gravel.

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

- Fair for coho; lacks pools, and flushing flows occur during freshets.
- This habitat favors trout and may even be classified as good.

Describe pond and other rearing habitats: NA

Describe unaccessible habitats:

- Gentle - moderate gradient, V-notch with sand and gravel up to the 9000. Above the 9000, substrate has some cobble and boulders mixed in.

Describe wetlands: () Bog () Marsh () Scrub-shrub Wetland () Forested Wetland

- None associated with this stream.

Flooding potential: (X) Low () Medium () High

- Doesn't flood from the river, but has flushing flows at times.

Fish Information:

Site entry condition to M.F. Dickey: () Poor () Fair (X) Good

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

- Access is clear and enters in a nice eddy
- No fish observed and minnow trapping has not been done yet.

Other species access and use: () Chum () Pink () Sockeye () Chinook (X) Trout

- Trout have been minnow trapped.

Habitat Improvements:

Enhancement opportunities:

Possible project type: Culvert removal and replacement.
Equipment access: Good access along old grade; will need to check for bad spots.
Potential benefit: Remove barrier for fish migration, and to allow unrestricted gravel recruitment.

Additional Comments:

- This stream recruits gravel for the M.F. Dickey River, which has the primary spawning production for the W.F. Dickey system.

Attachments Available:

Contact a 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

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: W.F. Dickey

Site No.: MD-R1-05
Site Name: Unnamed

DATE: 1/23 - 1/24/95 **OBSERVER:** Darrow

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	COHO UMRK	COHO MRK	CATCH RBT	CUTT	COTTID
1	1/24	7°C	1/25	7°C	0	0	0	0	5
2	"	"	"	"	0	0	0	3	2
3	"	"	"	"	0	0	0	2	4

COMMENTS:
- Trap 1 was set ~65 feet above old culvert and railroad trestle.
- Trap 2 was set ~40 feet upstream from confluence with right bank tributary.
- Trap 3 was set ~100 feet below road fill.

WDFW FISH PASSAGE REPORTING FORM

LEVEL I - Facility/Barrier Identification

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

(2) STREAM: Tomahack Cr. **(3) WRIA#/RM:** 20.0145B RB/RM 1.4 by catalog 2.1 by field measurement

(4) TRIBUTARY TO: M.F. Dickey River **(5) LEGAL(S,T,R):** NE¼ Sec 22 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, about 15.0 mi. to the M.F. Dickey bridge. Continue another 0.3 - 0.4 mi. (There are two old grades that go off the left within about 0.1 mi.). The second left, which has an old road sign that reads 5901 is the proper one. Walk down this grade to the first stream crossing (about 100 m). This stream is MD-R1-05.

(8) DESCRIPTION OF FISHWAY, FACILITY: NA

(9) DESCRIPTION OF BARRIER: The lower culvert under the old grade is passing fish but in the process of failing. The fill has started sloughed away on both ends and soon the whole 50 foot fill will collapse into the stream. The upper culvert under the 9000 line has the bottom rotted out. The water runs from under the fill so it is doubtful that fish have access into the pipe.

(10) OWNER: Dept of Natural Resources/Rayonier Timberlands Operations Company

(11) FISH ACCESS UP TO BARRIER VERIFIED/PRIMARY SPECIES: Trout have been documented above the old grade, but not above the 9000 line.

(12) HABITAT AVAILABLE ABOVE FISHWAY OR BARRIER: There is about 300 m between the two culverts, the habitat above the 9000 line has not been inventoried.

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

(14) SUBMITTED BY/DATE OBSERVED: Nettnin 4/95

(15) INVENTORY DESCRIPTOR: MD-R1-05

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LEVEL II - Culvert/Barrier Description

CULVERT:

(16) TYPE (Indicate number of each):
[ ] concrete round
[ ] concrete box
[ ] smooth steel pipe
[2] CMP - Round
[ ] CMP - Arch or Ellipse
[ ] Other:

(17) LENGTH: 60 ft; 60 ft

(18) DIAMETER: 3 ft;32 in

(19) WATER DEPTH: **(20) SLOPE:** **(21) VELOCITY:**

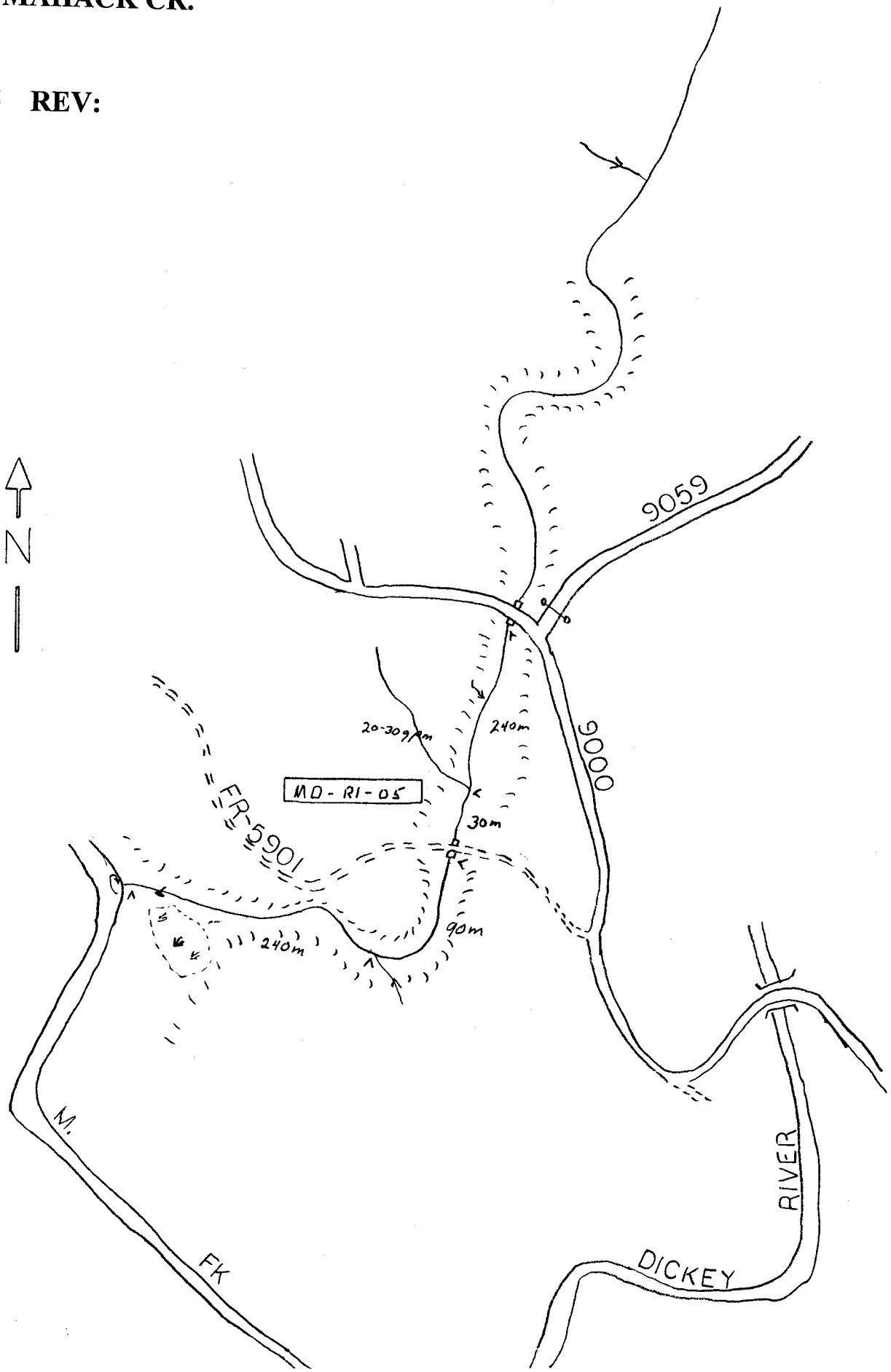
(22) OUTFALL DROP:

DAM: (23) LENGTH: **(24) HEIGHT:**

RIVER: M.F. DICKEY

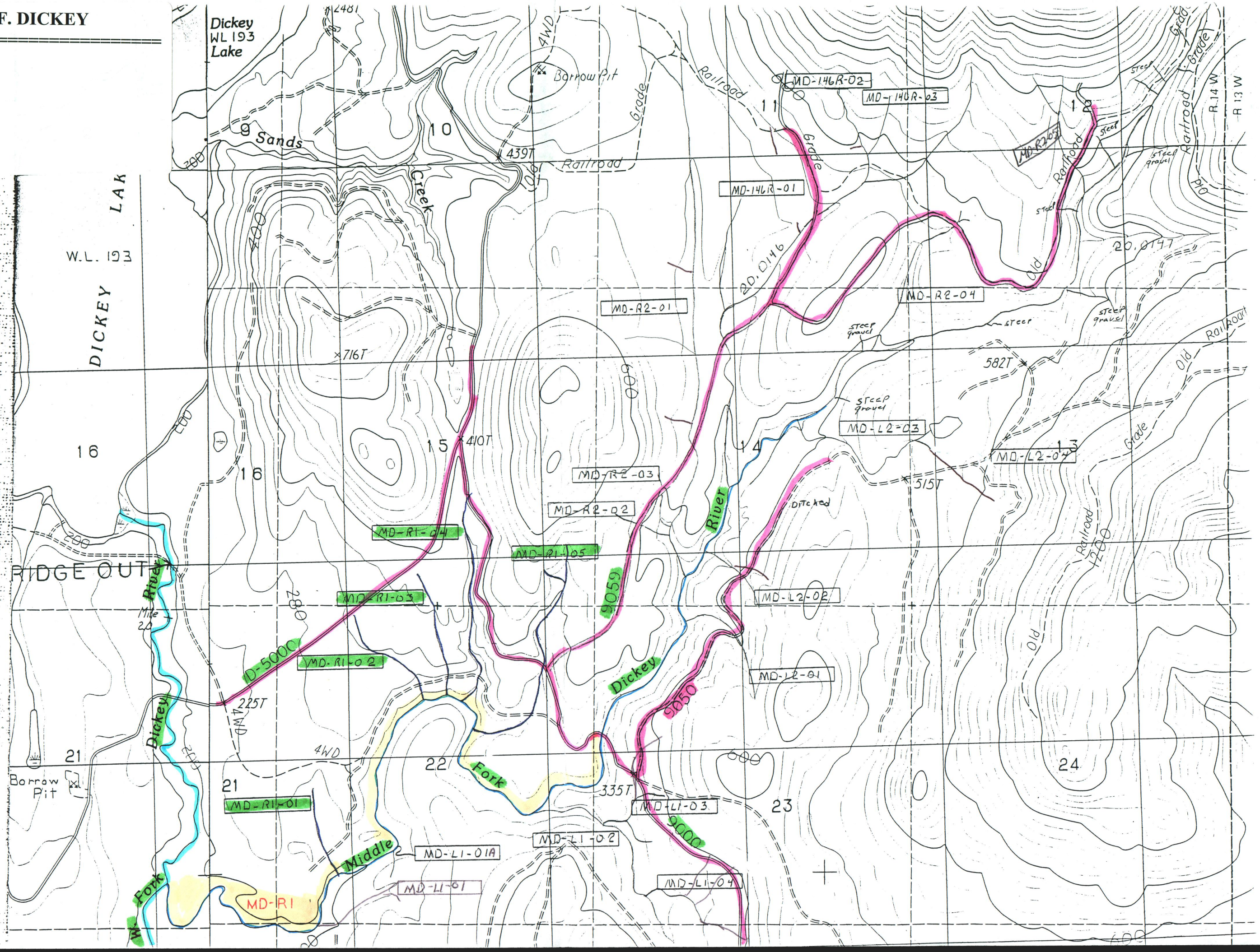
AREA: MD-R1
SITE: MD-R1-05
NAME: TOMAHACK CR.

DATE: 4/95 REV:



RIVER: M.F. DICKEY

AREA: MD-R1

AREA MAP

DATE: 12/95