

SITE NUMBER: WD-138L-01

LOCAL NAME: Bent Arrow

WRIA

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: W.F. Dickey

DATE: 3/24/93

OBSERVER: Mosley

CHANNEL TYPE: Riverine Pond Tributary

TRIBUTARY TO: 20.0138 (Archer Creek)

SITE LOCATION: LB @ RM: 0.05 (Field data)

LEGAL DESCRIPTION: NE¼, SE¼, Sec. 18, T29N, R14W

<u>WATER TEMP:</u>	UPPER END	LOWER END	RIVER TEMP
	NOT TAKEN	NOT TAKEN	7° C

<u>FLOW (CFS):</u>	0.1 - 0.3	0.1 - 0.3
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SUBSTRATE TYPE: Clay/Mud

<u>SITE SIZE:</u>	Length- 10 m		
	Width- Water surface = 0.3		excluding pond
	Channel = 0.5 - 1.0 m		" "
	Depth- 5 - 10 cm	Max- 10 cm	" "

WATER SOURCE: Small springs, Possible perk from river.

DIRECTIONS TO SITE: Head north from Forks on HWY 101. Turn left on La Push road 0.75 mi. past the Calawah bridge. Proceed 3.1 mi. down La Push road and turn right on Quillayute Prairie road. Continue for 3.95 mi. and turn right on Mina Smith road at the cemetery. Continue for 0.8 mi. and turn left onto the logging road D-5000. Proceed on D-5000 road for 9.2 mi. and turn right on D-5230. Proceed 1.8 mi. to the D-5235, then right onto D-5235 for about 1.2 (bear left at the "Y" (0.1 mi.)). Should be at a non-driveable spur to the left located on 90° turn to the right. Park, walk along drainage (WD-138L-03) to 20.0138, then downstream along 20.0138 to the second LB pond going downstream which is WD-138L-01.

FISH ACCESS AND CURRENT USE: Fish have access to this channel at these flows, but on lower flows the channel may be dry. No fish were observed.

FLOODING POTENTIAL: Moderate, there will be backwater flooding when the river rises four to five feet.

LANDOWNER: ITT Rayonier and possibly DNR

COMMENTS & RECOMMENDATIONS:

- This stream has:- A gentle gradient
- A good egress into Archer Cr. (20.0138).
 - An open pond under 50 - 70 year old alder and spruce.
 - Dark, tea colored water.

Recommend:

- Minnow trap to verify fish use.
- Install controls to improve fish passage.

RIVER SYSTEM: W.F. Dickey
SITE NUMBER: WD-138L-01
POND NAME: Bent Arrow Pond
WRIA:

POND DATA SUPPLEMENT

DATE: 4/6/93

OBSERVER: Nettnin, Mosley

INLET **OUTLET**

WATER TEMPERATURE: NOT TAKEN NOT TAKEN

POND SIZE:

LENGTH - 25 m

WIDTH - 15 m

EST. MAXIMUM DEPTH - < 1 ft_, 1-2 ft_, 2-3 ft_, > 3 ft_ **X**

WATER SOURCE: Ground water, surface runoff.

FISH ACCESS & CURRENT USE: No fish were observed. The outlet channel may go intermittent during dry periods.

TYPE & AMOUNT OF IN POND COVER: There is some LOD from fallen trees, but not an abundance. The water is tannic in color. The shore is lined with overhanging brush and sedges: Red Osier Dogwood, Ninebark, Salmonberry, also pond lilies or Spatter Doc.

COMMENTS & RECOMMENDATIONS: This off channel pond has excellent potential for over winter rearing. However, without a flow through it there may be water quality problems. I did not investigate the possibilities of tying the upper end of the pond back to the river, so that with a control in 20.0138 to provide a constant source of water, there would be a flow created through the pond. Should minnow trap the pond in the winter to see if fish are using it.

DATE: 2/23/96

OBSERVER: Darrow/Nettnin

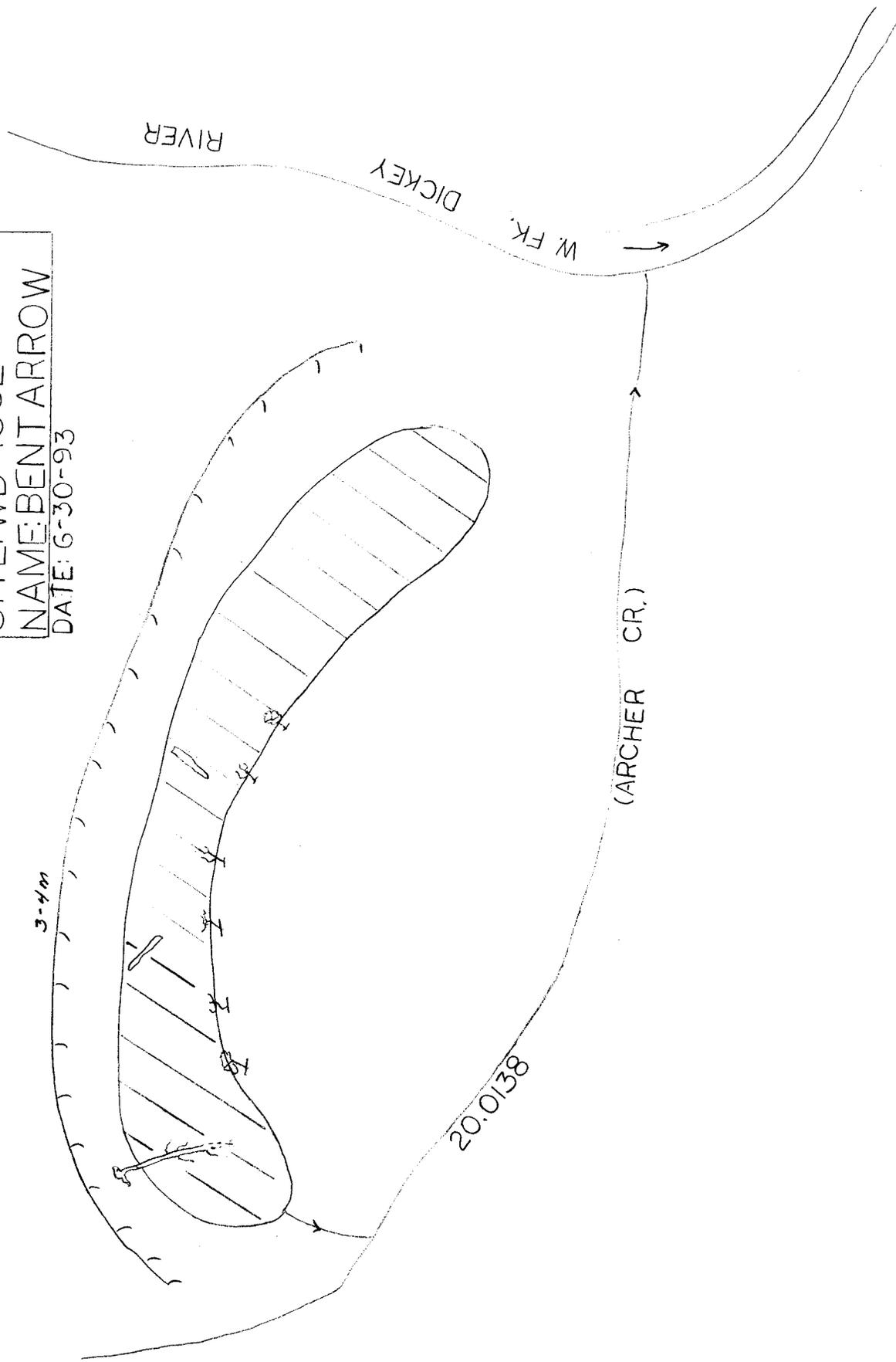
MINNOW TRAPPING REPORT

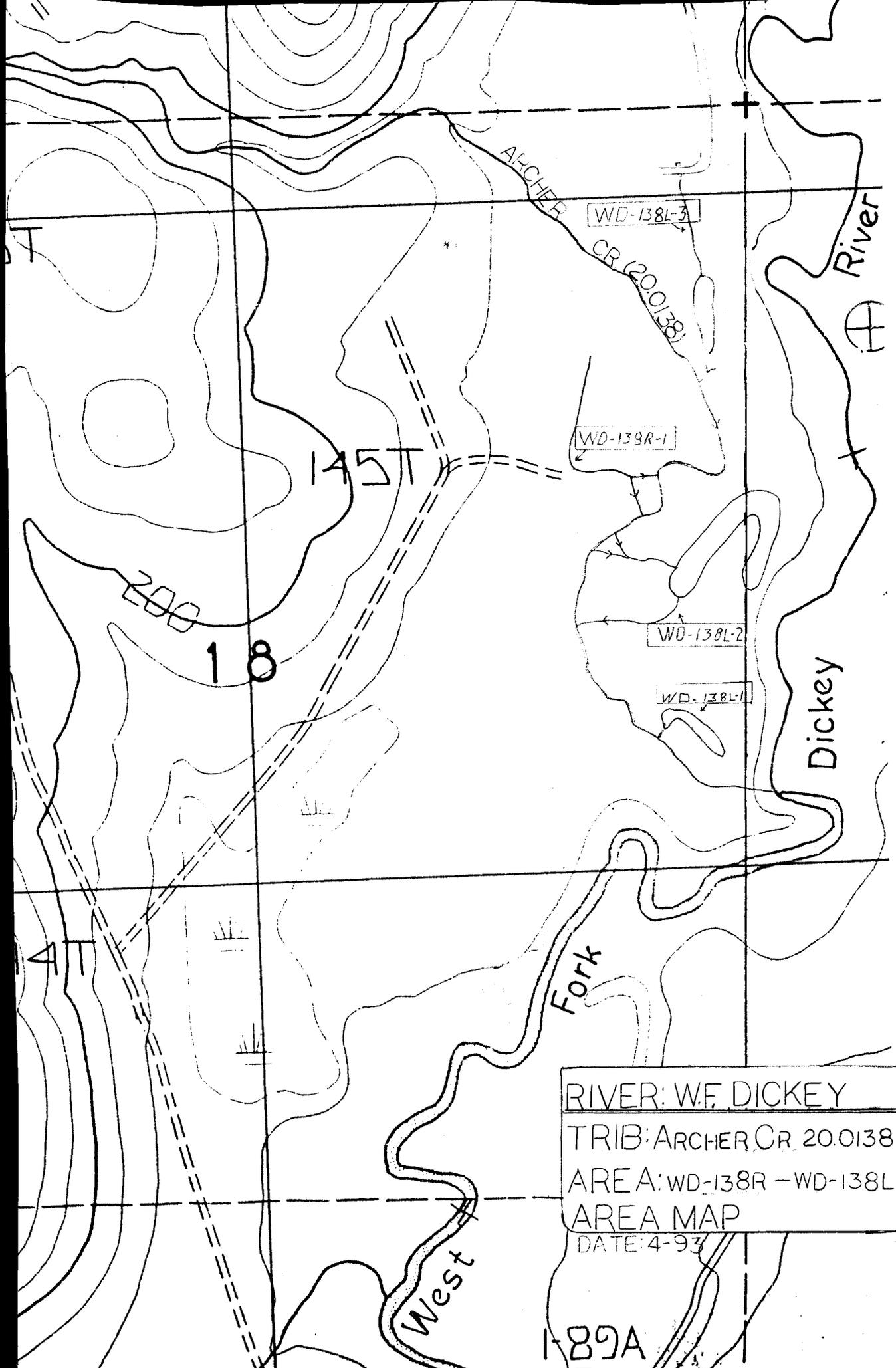
TRAP	DATE		DATE		COHO	CATCH			COTTID
	SET	TEMP	PULLED	TEMP		TROUT			
						RBT	CUTT	0+	
1	1/23	5.0°C	2/24	3.5°C	0	0	0	0	0
2	1/23	5.0°C	2/24	3.5°C	0	0	0	0	0
3	1/23	5.0°C	2/24	3.5°C	0	0	0	0	8
TOTALS:					0	0	0	0	8

COMMENTS:

- These three traps were distributed about evenly along the outside edge of the pond.
- Cold temperatures may have had a bearing on that the fish were not feeding much, or the beaver dams are limiting upstream migration.
- Some Three Spine Stickleback and a frog were caught.

RIVER: W.F. DICKEY
TRIB: ARCHER CR.
WRIA: 20.0138
AREA: WD-138L
SITE: WD-138L-1
NAME: BENT ARROW
DATE: 6-30-93





RIVER: WF. DICKEY
TRIB: ARCHER CR 20.0138
AREA: WD-138R - WD-138L
AREA MAP
DATE: 4-93

189A

