

SITE NUMBER: CW-R5-01
LOCAL NAME: Gross bridge channel
WRIA:

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Clearwater **DATE:** 6/9/88 **OBSERVER:** Nettnin

CHANNEL TYPE: Terrace tributary (wall based)

TRIBUTARY TO: Clearwater River (21.0024)

SITE LOCATION: River mile - 13.0 R.B.

LEGAL DESCRIPTION:

	UPPER END	LOWER END
<u>WATER TEMP.:</u>	51 F	54 F (Beaver ponds = 59 - 66 F)
<u>AIR TEMP.:</u>	60 F	60 F
<u>FLOW (CFS):</u>	30 to 40 gal/min	50 to 100 gal/min

SUBSTRATE TYPE: Mud.

SITE SIZE: **Length-** Approx. 320 m
 Width- 1 - 2 ft. Beaver ponds = 20 - 30 ft
 Depth- 1 - 3 inches. Beaver ponds = 6 -18 inches.

WATER SOURCE: Small valley wall trib and springs.

DIRECTIONS TO SITE: Head north on Hwy 101. Turn right 0.9 mi. beyond mile post 146 onto the Clearwater Rd. Proceed north 4.5 miles until coming to mile post 25.5 (the first in a series of descending half mile markers). Stay on the mainline keeping to the left as the road forks between MP 21.5 and 21.0 (just past Shale Cr.) The mainline crosses the Clearwater via the Gross bridge between MP 20.5 and 20.0. CW-R5-01 is located east of the road, 0.5 miles north of the bridge (at MP 19.0). (See site direction map).

FISH ACCESS AND CURRENT USE: No fish were observed. CW-R5-01 does not have a very good egress. Water flows over a steep, rubble cascade (dropping 10 to 12 ft in 20 to 30 ft) and across a gravel bar before entering the river at a riffle. The mouth appears similar to the mouth of Fletcher Cr. (20.0426) on the Hoh. At higher flows the cascade will be partially covered. Woody debris near the mouth also may contribute to passage problems.

FLOODING POTENTIAL: Low.

LANDOWNER: Unknown at this time. Possibly DNR and/or ITT Rayonier.

COMMENTS & RECOMMENDATIONS: An old grade crosses CW-R5-01 some 200 m above its mouth. Downstream of the grade, CW-R5-01 meanders through the remains of old beaver dams until it nears the terrace edge. It cuts part way through the terrace and then cascades through rubble before entering the river, falling some 10 to 12 ft in the lower 20 to 30 ft of the channel. The old grade and a series of beaver dams have created a series of small, shallow ponds and marshes in the upper reaches of the channel.

Would recommend removing the woody debris at the mouth. This should allow gravel and rubble to move somewhat and may allow for easier fish access. The channel should be monitored for coho utilization during the winter.

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Clearwater River

Channel No.: CW-R5-01

Site Name: Gross Bridge Channel

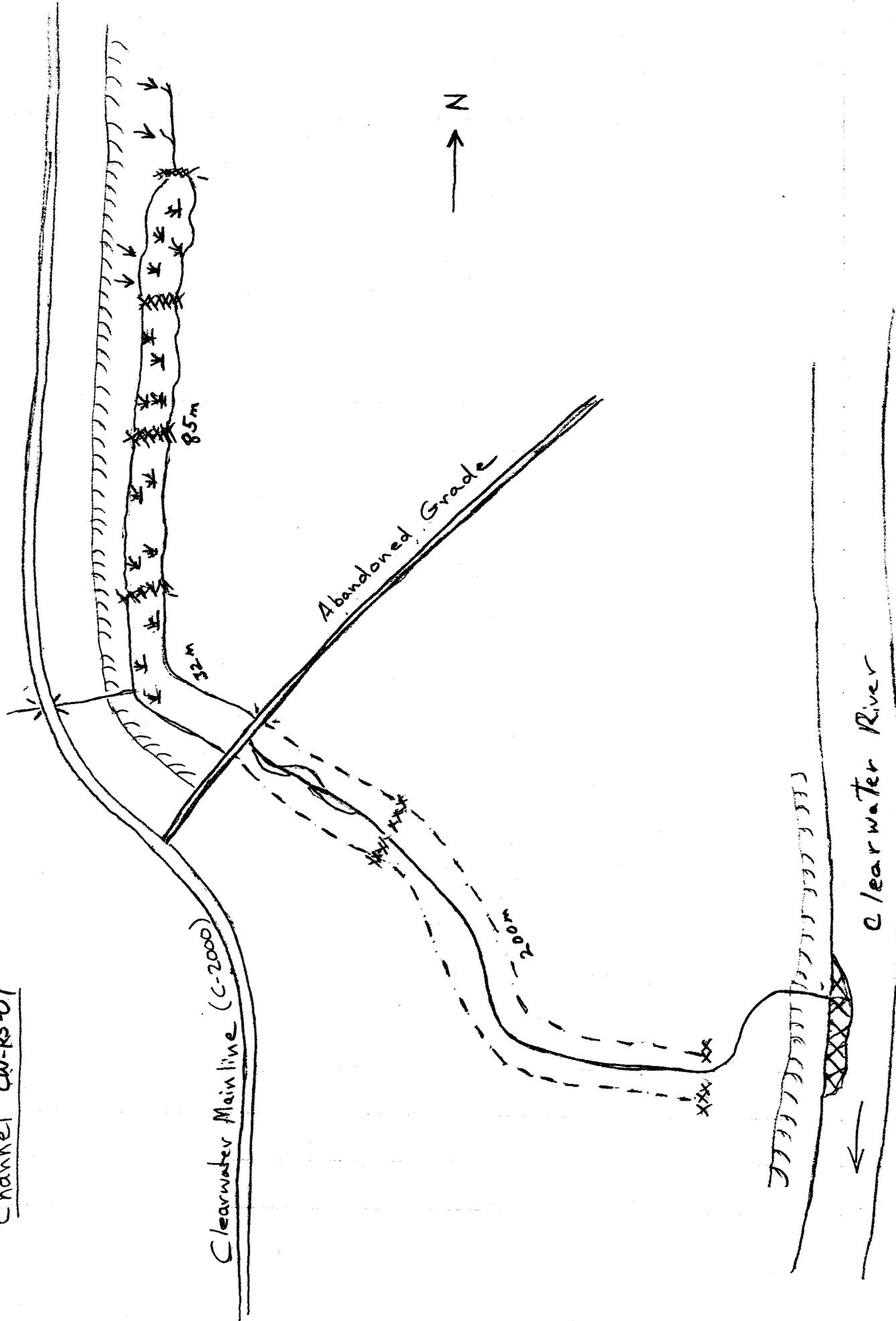
WRIA:

DATE: 8/2/88

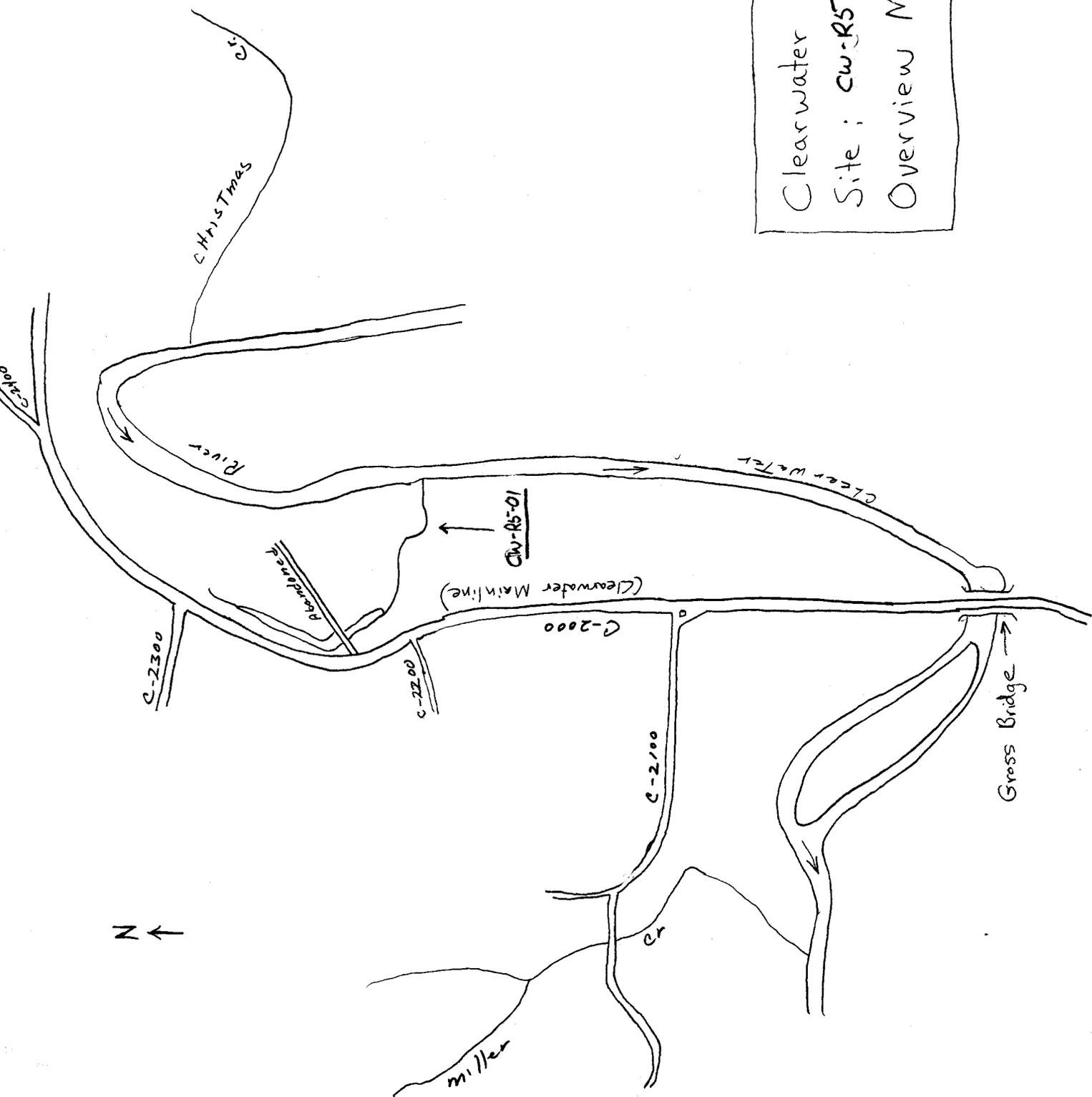
OBSERVER: Nettnin/ King

- 1.) Water shows a heavy concentration of iron (i.e. orange colored substrate).
- 2.) Flow is down to a trickle from the old grade crossing to the river.

Clearwater River
Site: CW-R5
Channel CW-R5-01



Clearwater River
Site: CW-R5
Overview Map



N ↑

Christmas Cr.

Clearwater River

Clearwater

CW-R5-01

(Clearwater Mainline)

Gross Bridge

C-2300

C-2200

C-2000

C-2100

Ramp

Miller Cr.

Cr

Clearwater River

Site: *CRAS*

5281

40'

T. 25 N.

5278

11 MI. TO U.S. 101

(D)

