

SITE NUMBER: CW-R7-02

LOCAL NAME: Crooks Cr.

WRIA:

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Clearwater **DATE:** 6/8/88 **OBSERVER:** Young

CHANNEL TYPE: A relatively large terrace trib (Crooks Cr. 21.0069)

TRIBUTARY TO: Clearwater River (21.0024)

SITE LOCATION: River mile - 17.3 R.B.

LEGAL DESCRIPTION:

	UPPER END (RM 0.65)	MIDDLE (RM 0.4)	LOWER END (RM 0.2)
DISSOLVED OXYGEN:	10.0 mg/l	9.0 mg/l	9.0 mg/l
WATER TEMP.:	54 F	57 F	56 F
AIR TEMP.:	70 F	57 F	59 F
FLOW (CFS):	< 0.5	1.0 - 2.0	1.0 - 2.0

SUBSTRATE TYPE: Below RM 0.2 is gravel, rubble and some bedrock. Above RM 0.2 is mostly silt with some patches of silty gravel.

SITE SIZE: Length- 1450 - 1500 m (estimated from photos)
Width- 4 - 8 ft (excluding upper marsh area)
Depth- 6-18 inches above RM 0.2. 4-6 inches below RM 0.2

WATER SOURCE: Terrace trib and springs.

DIRECTIONS TO SITE: Head north on Highway 101. Turn right 0.9 miles 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). Continue north. Keep left as the road forks between MP 21.5 and 21.0 (just beyond Shale Creek). Turn right between M.P. 17.0 and 16.5 onto the Coppermine Bottom Campground road. (See site direction map).

FISH ACCESS AND CURRENT USE: A cascades (dropping 10 ft in 50 ft) at the mouth and 4 ft falls in the lower 90 m both appear impassible to juvenile and adult coho. 0+ coho (45- 50 mm) were positively identified at RM 0.4, however. Some coho spawning may occur.

FLOODING POTENTIAL: Very low.

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

COMMENTS & RECOMMENDATIONS: Rather unique for a terrace tributary, CW-R7-02 is large enough to have both a name (Crooks Cr.) and a WRIA number (21.0069).

The upper 0.7 miles of this 0.9 mile trib lies on a flat, half mile wide terrace some 80 to 100 ft above the river. The lower 0.2 miles is rather steep (7 - 9 % gradient) as the trib drops from the terrace to the river.

The "headwaters" are located in a 700 m long by 50 m wide u-shaped marsh. The marsh area appears generally shallow (6-8" deep) and is heavily vegetated with saw grass. There is very little "open" water. A small rise in the ground at the extreme upper end of the marsh is all that separates it from the "headwaters" of channel R-7-3 (see R-7-3). During periods of heavy runoff, water from the marsh could conceivably use channel R-7-3 as a secondary egress channel.

This trib, and especially the upper marsh area, seems to offer a great deal of coho rearing habitat. Both the quantity and quality of the current rearing habitat could be greatly increased. Before any development of this area can be considered, however, the feasibility of making the lower 0.2 miles of the trib passable to upstream migrants should be determined.

DATE: 11/17/88

OBSERVER: King, Young, Nettnin

Falls at mouth appear to prevent upstream migration unless there is extremely high water in the main river. Any passage improvements are probably not feasible. Deepening of the marsh upstream with spring or fall fry planting in mind may be a feasible option to get this area into production.

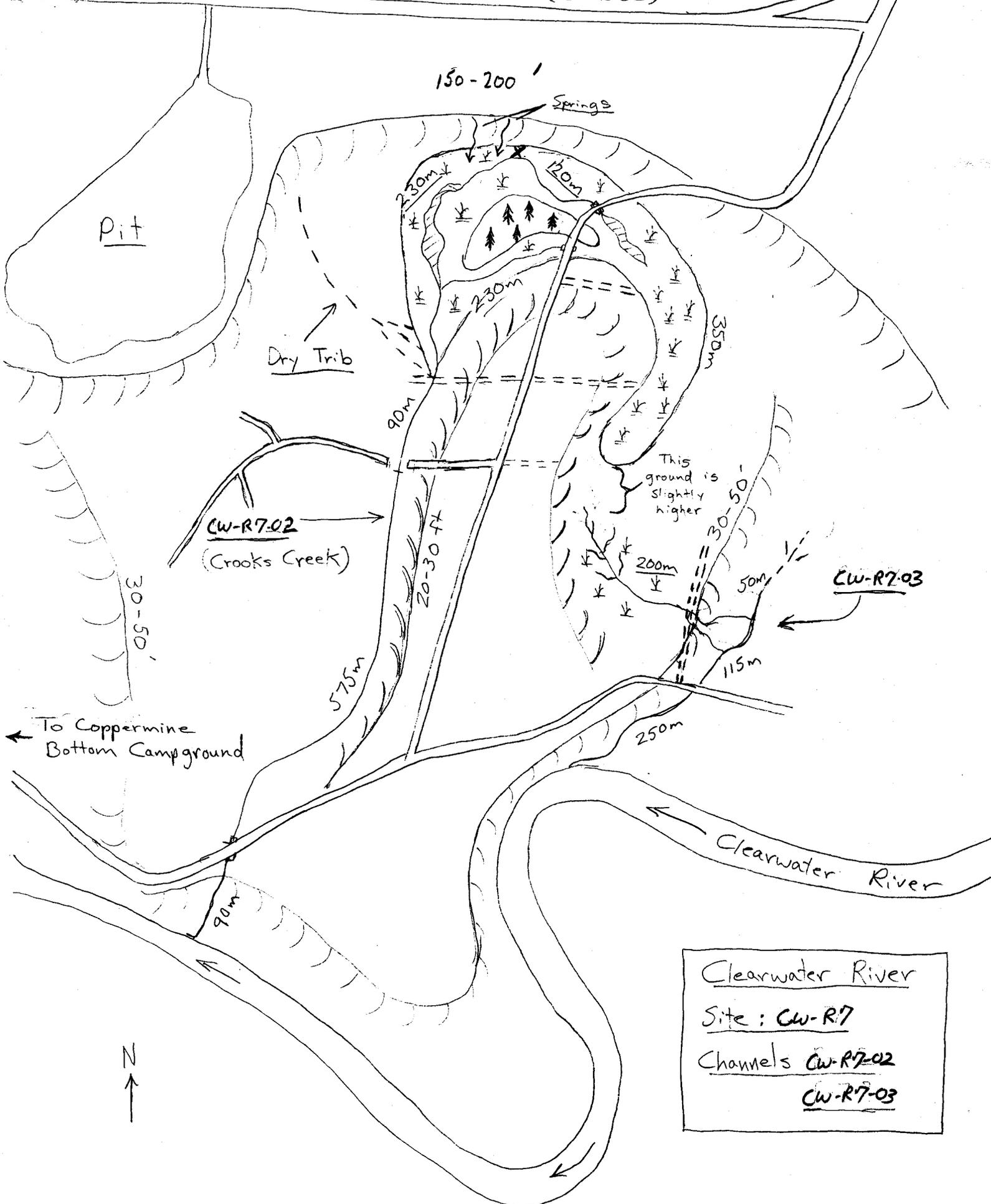
DATE: 12/6/88

OBSERVER: Nettnin, Young

Electroshocked sites in the mid to upper reaches of this channel (see map). Results are listed below:

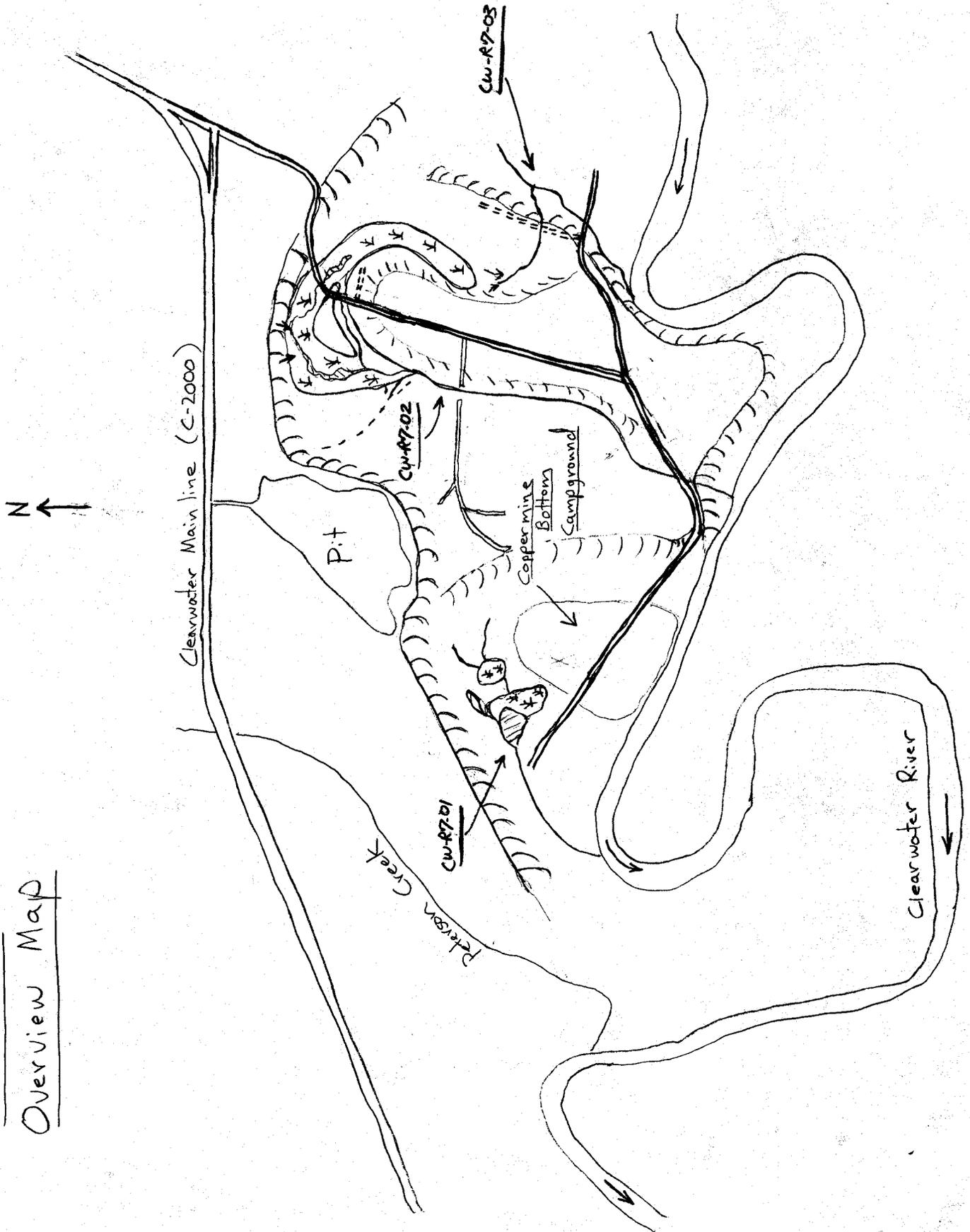
Site	Area	Effort (Sec.)	Results
1.)	Pool above old grade crossing.	163	Caught 1 large (120 mm) coho.
2.)	Two pools a short distance below the old grade crossing.	183	Caught two coho.
3.)	Just upstream of culverts at Coppermine Bottom Road.	64	No fish were caught.
4.)	100 to 150 m upst. of the Coppermine Bottom Road.	143	No fish were caught but something was heard splashing in the heavy marsh grass.

Clearwater Mainline (C-2000)



Clearwater River
Site: CW-R7
Channels CW-R7-02
CW-R7-03

Clearwater River
Site: Cw-R7
Overview Map



Clearwater River

Site: *CW-R7*

5281

40'

T. 25 N.

5278

11 MI. TO U.S. 101

(D)

