

SITE NUMBER: B-L7-04
LOCAL NAME: Unnamed
WRIA: 20.0250D

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Bogachiel **DATE:** 10/18/89 **OBSERVER:** Young

CHANNEL TYPE: A partially active river overflow channel currently functioning as the lower end of a small valley wall trib.

TRIBUTARY TO: Bogachiel River - 20.0162

SITE LOCATION: L.B. @ River mile - 21.2 (WDF)

LEGAL DESCRIPTION:

	UPPER END	LOWER END	RIVER TEMP
WATER TEMP:	12 C	12 C	12 C
FLOW (CFS):	0.0	0.25	

SUBSTRATE: % B:R:G:S = 0:10:40 60.

SITE SIZE: **Length-** Approx. 250 to 300 m usable habitat.
Width- Surface = 3 - 6 ft
Channel = 10 - 20 ft.
Depth- Maximum = 1 to 2 ft. Avg = 4 - 6 inches.

WATER SOURCE: Small valley wall trib. from off of the steep hillside to the south of the channel. This trib appears fed primarily by run off water and may not flow continually throughout the winter. A couple of small spring were seen along the LB of the channel. Appears to receive overflow from the river during extreme floods.

DIRECTIONS TO SITE: Head north of Grays Harbor on Hwy 101. Turn right 0.1 mi. south of m.p. 181 onto a well used logging road. Stay on the mainline (keeping left at each of the major forks). The second left after crossing Hemp Hill Cr. is an older grade which heads down over the hill to the valley floor (see site direction map). A 4WD vehicle is recommended for this route. Site is also accessible by foot from the end of the S. Bogachiel Rd. (see B-249R-01 & B-249R-02).

FISH ACCESS AND CURRENT USE: B-L7-04 currently enters the Bogachiel at a nice back eddy and has very good entrance conditions. A few 0 + coho were seen throughout the watered portions of B-L7-04. Some spawning might also be possible in the channel.

FLOODING POTENTIAL: Moderate to High.

LANDOWNER: Unknown at this time.

COMMENTS & RECOMMENDATIONS: As mentioned above, B-L7-04 enters the river at a back eddy. The river channel is quite braided in this area, however, and shows high potential to change drastically from one freshet to the next.

Two small to medium-sized boulders, one on either side of a 6 ft wide channel, mark the mouth of B-L7-04. In the first few meters above its mouth, the channel is relatively narrow (6 to 10 ft). Most of B-L7-04, however, is considerably wider (15 to 20 ft).

The entire usable portion of this straight, wide channel lies along the base of a vertical, 6 to 8 ft high, terrace edge (left bank). Medium to large alders line both banks. Two small springs were seen emanating from the terrace edge 150 to 200 m above the mouth. An old grade runs along the top of left bank and parallel to the channel.

A LB trib enters B-L7-04 some 230 m above its mouth. This trib cuts through the terrace edge, crosses the old grade (65 m above its confluence with B-L7-04) and then up the steep valley wall. An alluvial fan occurs a short distance upstream of the old grade crossing. A heavy rain was falling during the survey and the trib, which had been dry, began running while I was present.

A 4 to 5 m wide by 30 m long pool, just above the confluence of the LB trib and B-L7-04, seems to provide the uppermost area of usable rearing habitat in the channel. A few 0+ coho were seen in this pool.

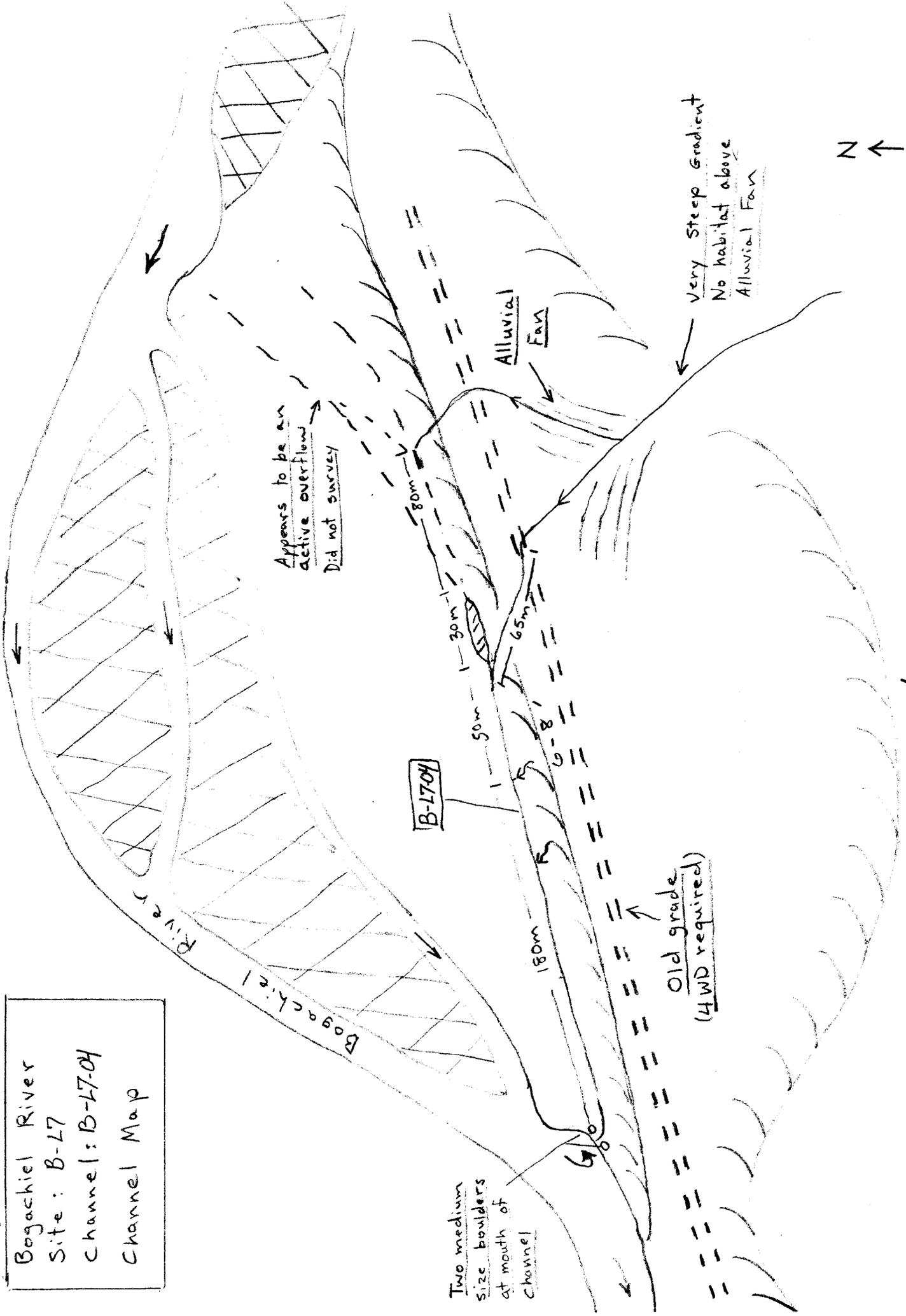
Upstream of the upper pool, B-L7-04 becomes much less defined as it diverges into a number of small, dry depressions which run off through the alders toward the river. One of these small depressions running parallel to the terrace edge (and the old grade) appears to receive water from the alluvial fan area of the LB trib.

B-L7-04 appears to provide good summer rearing habitat for juvenile coho and probably provides some short term winter rearing habitat. However, the channel appears susceptible to overflow flooding during above average freshets and will probably experience flooding at least once each year. Because of this, no rearing habitat enhancement projects can be recommended for B-L7-04.

DATE: 4/3/90

Has not rained for 2 weeks. Left bank feeder tributary is dry. Flow in channel was about 1/2 cfs. Has been flooded by river flows this past winter. The main river channel has shifted to the right bank side of the valley and B-L7-04 now exits onto a gravel bar.

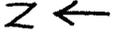
Bogachiel River
 Site: B-17
 Channel: B-17-04
 Channel Map



Appears to be an active overflow
 Did not survey

Alluvial Fan

Very Steep Gradient
 No habitat above
 Alluvial Fan

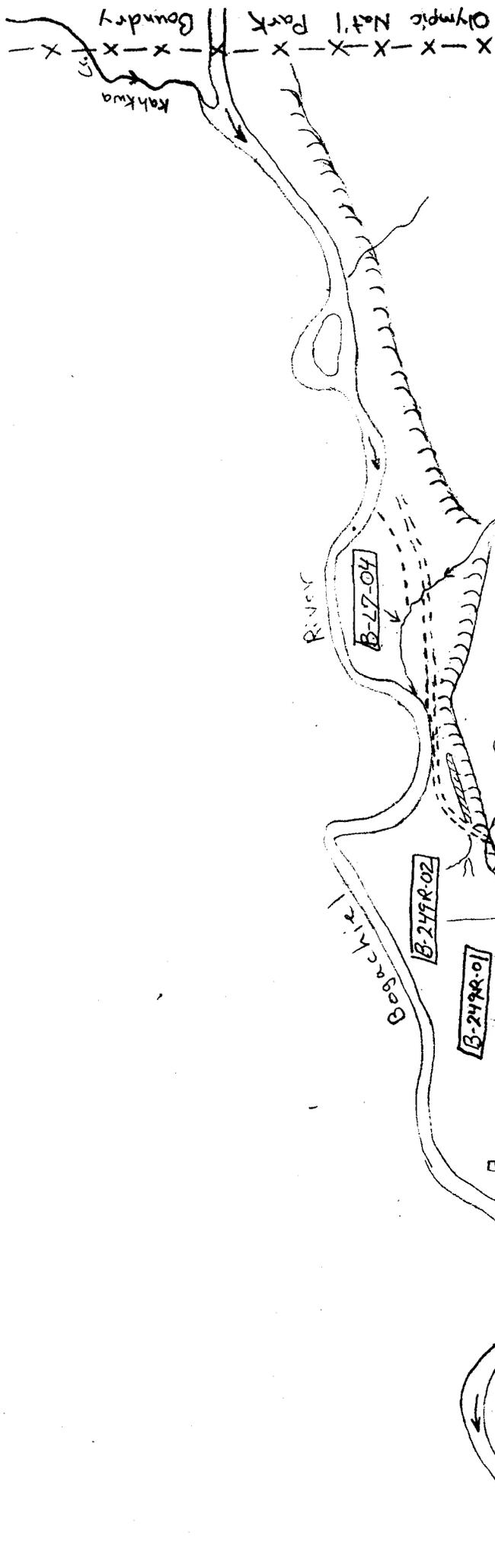


B-1704

Two medium size boulders at mouth of channel

Old grade
 (4WD required)

250 - 300'



Bogachiel River
 Site: B-17
 Overview Map

(Rev. 5/90)

no. 1162

Bogachiel River

Site: B-17

Site Map

