

SITE NUMBER: B-R8-02
LOCAL NAME: Dullard Creek
WRIA: 20.0248B

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: Bogachiel **DATE:** 8/89 **OBSERVER:** Young

CHANNEL TYPE: Terrace tributary.

TRIBUTARY TO: Bogachiel River (20.0162)

SITE LOCATION: R.B. @ River mile - 18.6 (WDF)

LEGAL DESCRIPTION:

	UPPER END	LOWER END	RIVER TEMP
<u>WATER TEMP:</u>	11 C	13 to 14 C	15 C
<u>FLOW (CFS):</u>	10 gal/min	0.1	

SUBSTRATE: Sand, silt & muck with a few patches of gravel & cobble.

SITE SIZE: **Length-** 600 m.
 Width- Channel = 4 - 10 ft. Water surface = 2 - 8 ft.
 Depth- Mostly 2 - 4 inches. A few pools 1 to 2 ft.

WATER SOURCE: Presently appears to be mostly small seep springs and minor terrace tribs from along the right bank. During winter, run off from along Undie Rd. and the hillside to the north is significant. Lower 235 m of the channel may be subject to overflow and/or backwater flooding from the river.

DIRECTIONS TO SITE: Heading north on Hwy 101, turn right at mile post 186 (i.e. just north of the Bogachiel bridge and directly across from Bogachiel State Park) onto Undie Rd. Continue east approximately 3.9 miles on Undie Rd until the road crosses a small brushy trib just east of a small, rural residential area. This small trib is B-R8-02.

FISH ACCESS AND CURRENT USE: B-R8-02 appears to have unrestricted fish access. It enters the river at a glide. A small debris pile at the mouth may help draw fish into the channel. The area is presently being utilized for summer rearing. 0+ coho were present throughout and were fairly abundant in the mid and lower reaches. B-R8-02 appears to provide a limited amount of long term winter rearing area.

FLOODING POTENTIAL: Lower 235 m = Mod. Mid & upper reaches = Low.

LANDOWNER: Unknown at this time.

COMMENTS & RECOMMENDATIONS: B-R8-02 originates on the hillside to the north of Undie Rd. Most of the useable rearing habitat, however, occurs in the low gradient reach to the south of the road.

The lower 230 m of B-R8-02 runs through, what appears to be, a mostly inactive overflow channel. Some backwater flooding may occur here on a regular basis throughout the winter. However, overflow flooding with significant water velocity seems rare. In this reach the channel is wall-based as it skirts the edge of a 15 ft terrace. A number of small seep springs, with water temperatures of 9.5 C to 12 C, were seen along the right bank of this lower reach.

Immediately above the lower reach, B-R8-02 breaks away from the old overflow channel. In this 50 m reach, the channel becomes quite incised (a 6 to 8 ft wide channel with 6 to 8 ft high vertical banks). Most of the gravel and cobble in B-R8-02 occurs in this reach. A driveway crosses at the upper end of the incised channel.

Above the driveway, B-R8-02 meanders through a small, rural residential area. Though still deeply incised, the banks become more sloped. The channel runs by three homes and a number of out buildings. Along one stretch of this reach the channel is completely overgrown with blackberries and other brush. Near the upper end of this middle reach, B-R8-02 enters a small patch of mixed woods and flows along the edge of an 8 ft terrace. Two small, right bank tribs enter in this wooded area. Habitat in the tribs appears negligible. A second driveway crosses at the upper end of this middle reach.

Above the second driveway, B-R8-02 wanders some 90 m through brush and woods before being crossed by Undie Rd. In this reach the channel is less defined and seems to become quite braided during winter flows. Small woody debris and skunk cabbage are prevalent here.

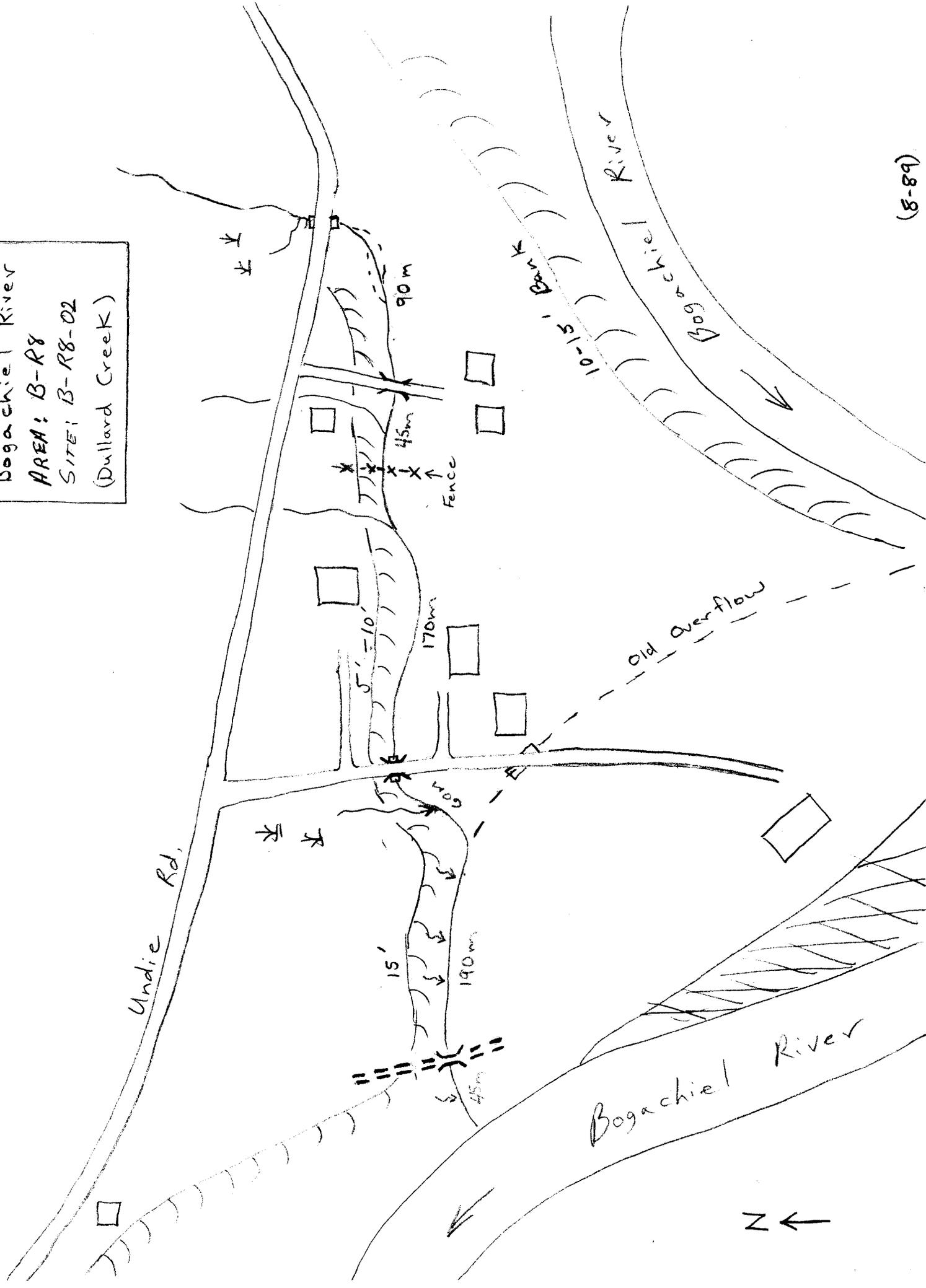
Above Undie Rd. B-R8-02 begins ascending the hillside and the habitat becomes much less conducive to coho rearing. A ditch along the north side of the road also directs water into the channel. One coho fry was seen just upstream of the Undie Rd. culvert.

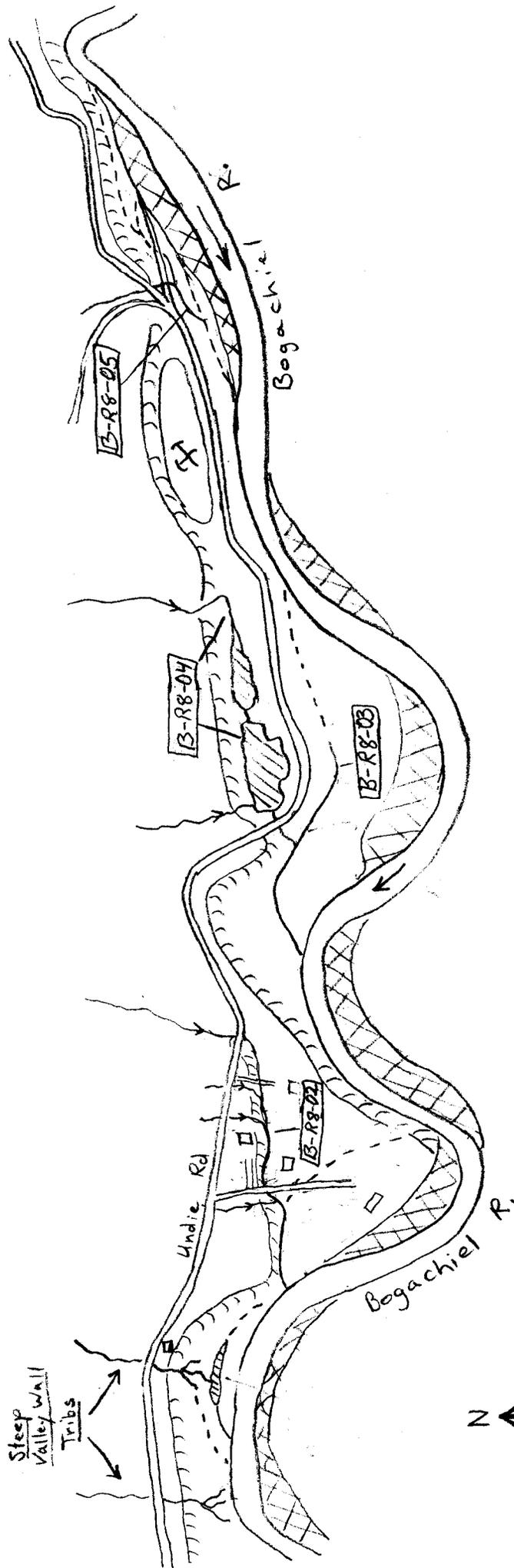
Deepening and widening of B-R8-02 could both enhance and increase the available coho rearing habitat. A beaded channel might be feasible. Need to observe channel during winter flows and evaluate present winter utilization. Although it has been a rather damp summer, B-R8-02 appears to maintain a year round flow of water. This is a definite plus for this small system, since any improvements to winter rearing would also provide for additional summer rearing.

DATE: 11/7/89

Good flow and entrance conditions. Area below the culvert is heavily impacted with silt and sand.

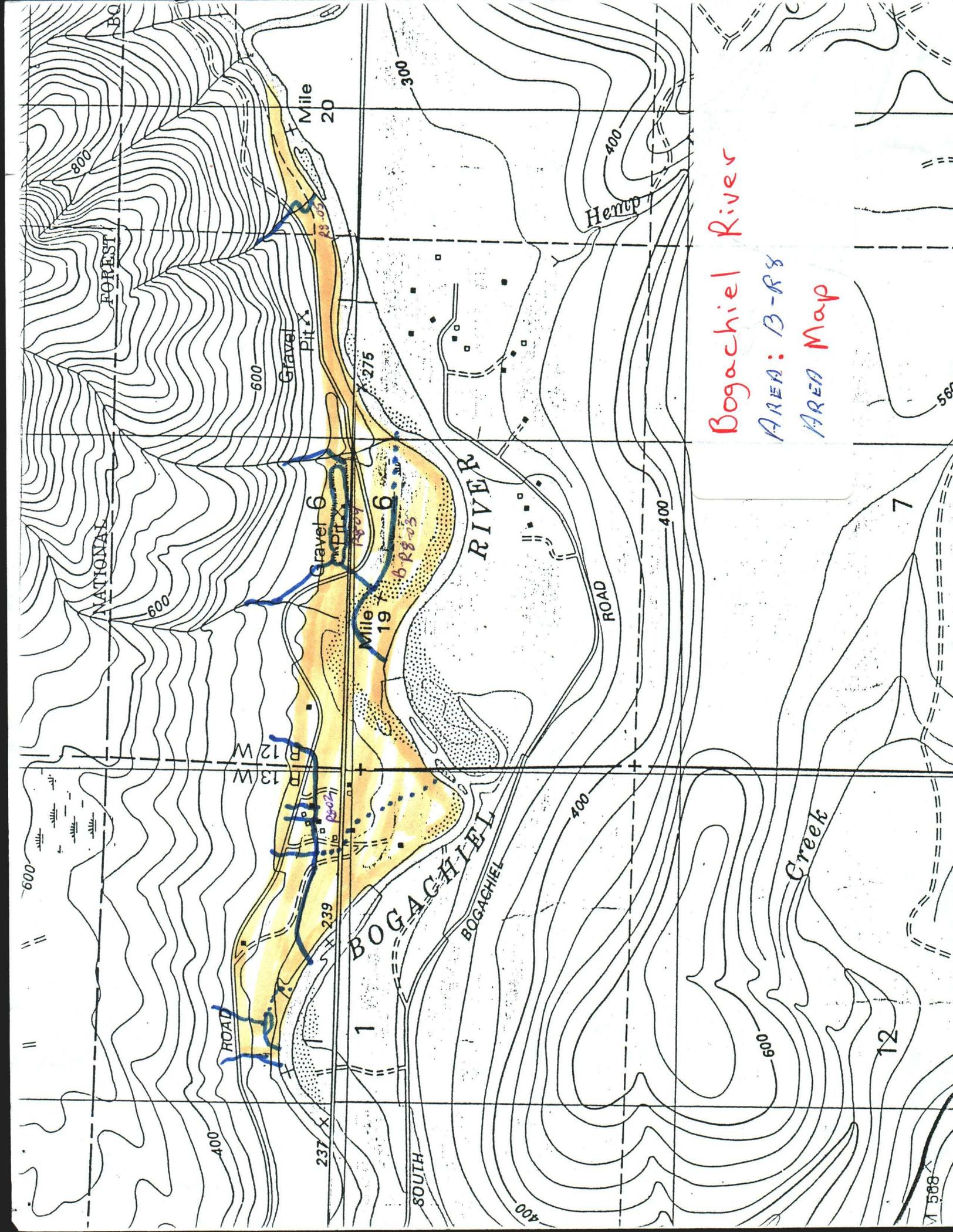
Bogachiel River
 AREA: B-R8
 SITE: B-R8-02
 (Dullard Creek)





Bogachiel River
 AREA: B-R8
 Overview Map

REV 5/98
 ELIMINATED B-R8-01



Bogachiel River

AREA: B-RS

AREA Map