

**SITE NUMBER:** D-R3-05  
**LOCAL NAME:** Sand Trap Creek  
**WRIA:** 20.0108A

**NORTH COAST OFF CHANNEL SITE INVENTORY DATA**

**RIVER SYSTEM:** Dickey    **DATE:** 2/6/91    **OBSERVER:** Young

**CHANNEL TYPE:** Lower end of a very small valley wall tributary

**TRIBUTARY TO:** Dickey River (20.0097)

**SITE LOCATION:** R.B. @ River Mile: 6.3 (WDF)

**LEGAL DESCRIPTION:** SE1/4 S31 T29N R14W

	<b><u>UPPER END</u></b>	<b><u>LOWER END</u></b>	<b><u>RIVER TEMP</u></b>
<b><u>WATER TEMP:</u></b>	7.5 C	7.5 C	6.5 C

<b><u>FLOW (CFS):</u></b>	0.1 - 0.2	0.1 - 0.2
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**SUBSTRATE TYPE:** Sand & silt.

**SITE SIZE:**    **Length-** 190 m (mouth to toe of hill)  
                  **Width-** Chan = 1.0 - 1.5 m. W.S. = 0.5 to 1.0 m  
                  **Depth-** Avg = 10 cm    Max = 20 to 30 cm

**WATER SOURCE:** Appears to be primarily (or exclusively) run off.

**DIRECTIONS TO SITE:** Head north from Forks on Hwy 101. Turn left just beyond mp 193 (1.0 mi. north of Forks) onto La Push Rd. Proceed west on La Push Rd about 3.1 miles. Turn right onto the Quillayute Rd. and continue west about 4.0 mi. Turn right onto Mina Smith Rd. (at Quillayute Cemetery) and proceed north about 0.8 mi. Turn left (west), after crossing the Colby Cr. bridge, onto the D-5000. Proceed west about 1.25 mile (crossing the Dickey R.) then turn right onto the D-5300 road. A game management gate on this road will likely be locked (key is available from ITT Rayonier). Follow the D-5300 down the hill into the "Wishbone Springs Basin". Continue on the 5300 as it climbs back out of the basin and up to the top of the terrace wall. Continue north another 0.5 miles (keeping right at each fork) then turn right (east) onto an old spur road. Proceed (on foot) to the landing at the end of this spur. Continue east until coming to the river. D-R3-05 enters the river at the lower end of a high sandy bank (a short way above the mouth of tributary 20.0108).

**FISH ACCESS AND CURRENT USE:** Presently has poor fish access as water cascades over and through small woody debris at the mouth. A 1 to 1.5 meter (3 to 4 ft) rise in the river level, however, would make the channel accessible. No fish were seen.

**FLOODING POTENTIAL:** Extensive backwater flooding seems very likely.

**LANDOWNER:** Unknown at this time (probably ITT Rayonier)

**COMMENTS & RECOMMENDATIONS:** D-R3-05 is a very small, sandy tributary that originates on the west side slope of the valley. The trib appears to handle primarily run off water, but may also be fed by small seep springs.

After coming off the hillside, D-R3-05 enters a shallow, sandy, low gradient channel that meanders through dense brush as it makes its way toward the river. As one continues downstream the channel becomes more and more incised.

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**COMMENTS & RECOMMENDATIONS:** (continued)

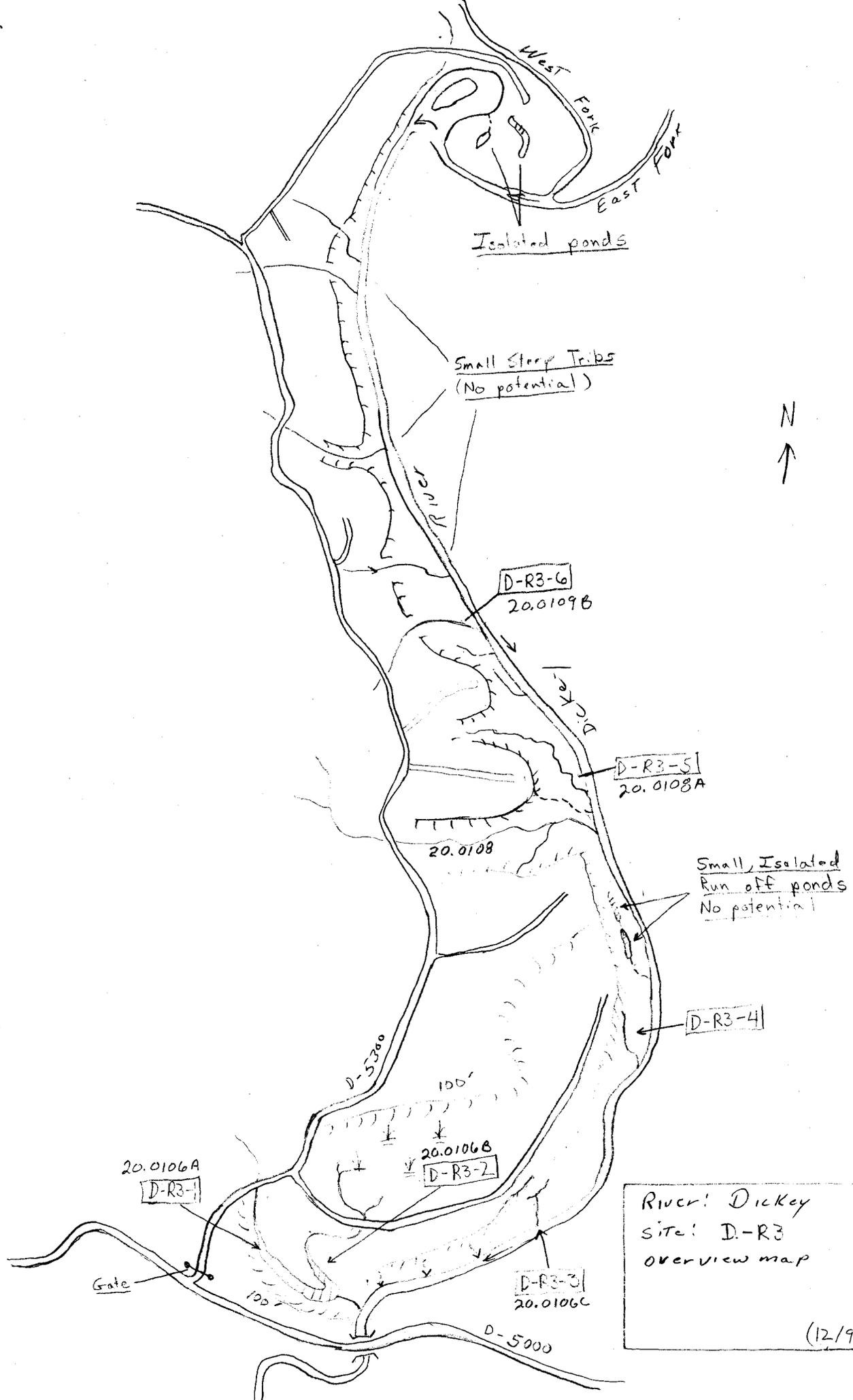
The lower 50 m of the channel is deeply incised as it cuts through the sandy, right bank of the Dickey. The channel along this lower reach is 1 to 1.5 m wide and the water surface width is 1 m or less. The nearly vertical banks are 2 to 3 m high.

D-R3-05 spills over a 1 to 1.5 m high cascade of small woody debris before entering the river. It enters at the lower end of a high sandy berm and just upstream of a small woody debris jam that is partially imbedded in the right bank of the river. During a normal fall/winter freshet this debris jam might help attract fish into D-R3-05.

It seems likely that D-R3-05 is probably already utilized to some extent by juvenile coho for short term winter rearing. There appears to be very little in the way of long term rearing habitat.

Probably very little enhancement can be done to improve the productivity of the rearing habitat in D-R3-05. The water supply does not appear reliable. Flooding and extensive deposition of sand and silt seems likely. The very sandy substrate and surrounding ground would be difficult to work with. Bedload movements from off the hillside may also pose a threat. Machine access to the site would be very difficult at best. May want to check on water conditions here periodically throughout the fall and winter to confirm this negative assessment.

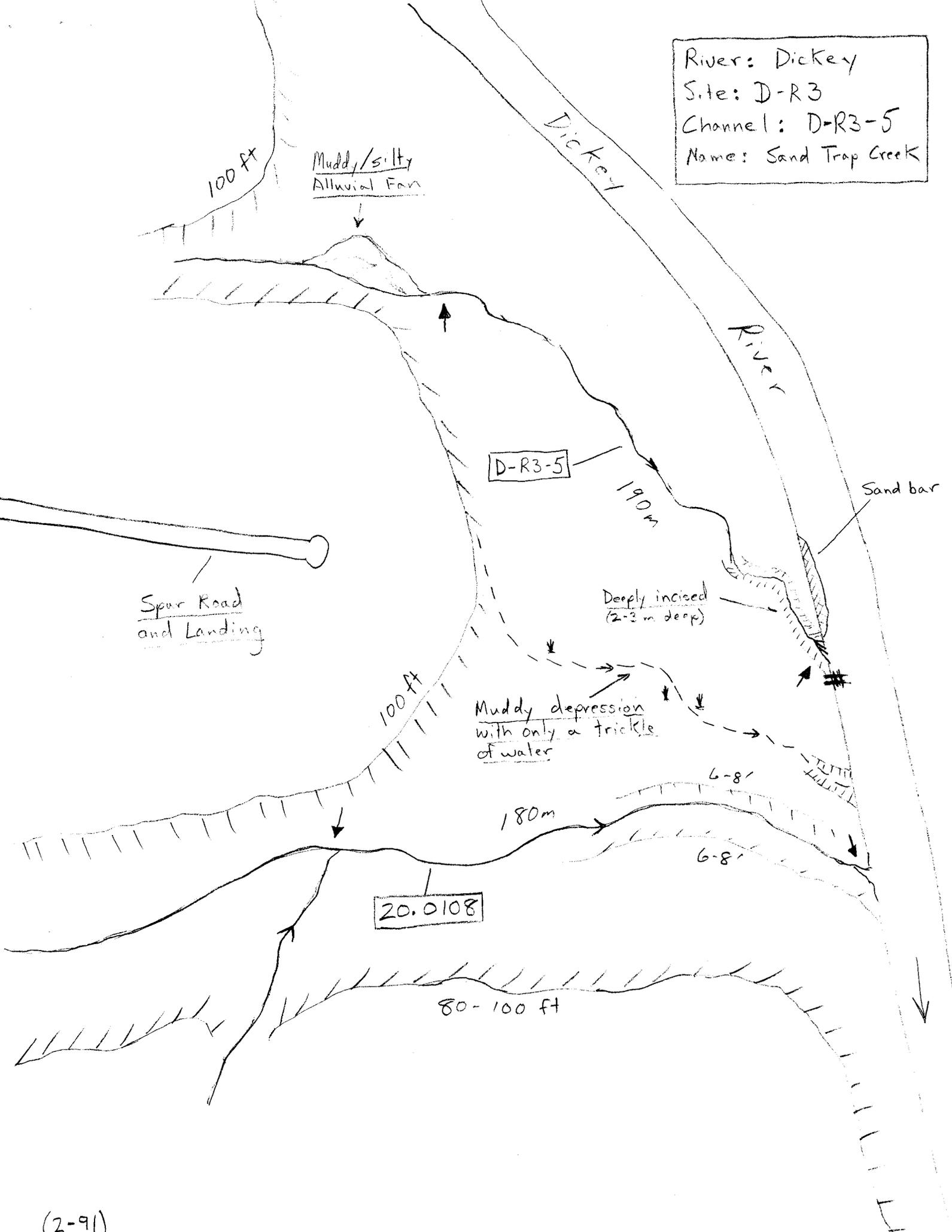
Another channel was seen entering the river between the mouth of channel D-R3-05 and tributary 20.0108. Only a trickle of water was seen flowing in this rather well defined channel. When considering the fairly substantial rainfall that has occurred recently, the flow in this channel was very unimpressive. For this reason the channel was not formally surveyed.

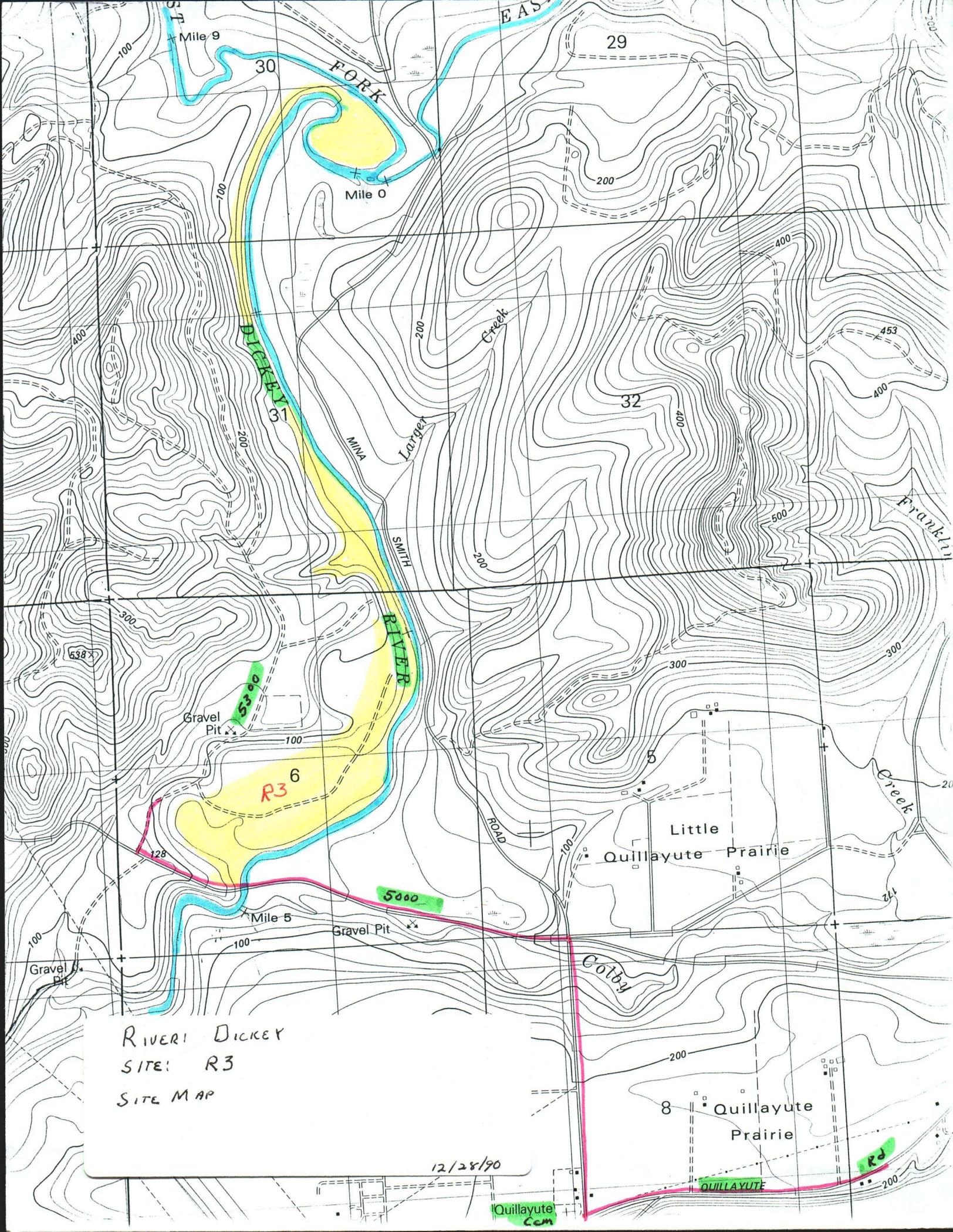


River: Dickey  
 Site: D-R3  
 Overview map

(12/90)

River: Dickey  
Site: D-R3  
Channel: D-R3-5  
Name: Sand Trap Creek





RIVER: DICKEY  
SITE: R3  
SITE MAP

12/28/90

Quillayute  
Cem

QUILLAYUTE

R3