

SITE NUMBER: ED-L4-02
LOCAL NAME: Omission Creek
WRIA: 20.0119K

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 7/31/91 **OBSERVER:** Young

CHANNEL TYPE: Valley Wall Tributary

TRIBUTARY TO: E. F. Dickey River (20.0110)

SITE LOCATION: L.B. @ R.M. 10.0 (U.S.G.S.)

LEGAL DESCRIPTION: NW1/4 S7 T29N R14W

	UPPER END	LOWER END	RIVER TEMP
<u>WATER TEMP:</u>	N/A	N/A	17 C
<u>FLOW (CFS):</u>	Dry	Dry	

SUBSTRATE TYPE: Large gravel at the mouth.

SITE SIZE: **Length-** N/A (see comments)
 Width- Water surface = Dry
 Channel = 2 - 3 m
 Depth- Dry

WATER SOURCE: Valley Wall Tributary

DIRECTIONS TO SITE: Go north from Forks on Hwy 101 for 3.1 mi. Turn left (west) about 0.1 mi. beyond MP 195 onto the D-2000. Continue west on the D-2000 for 5.0 miles (crossing the E. F. Dickey bridge) and then turn right (east) onto the D-2400 (just beyond MP 5). Continue on the D-2400 about 3.2 mi. until the road ends at the river at an old ford or portable bridge site. Park here and wade across the river to the grade on the opposite bank. Walk up this grade less than 50 m then turn left (north) onto another grade. Follow this grade north (crossing channel ED-L4-01) until coming to the river at another old ford or portable bridge site. The mouth of ED-L4-02 is upstream at the next bend in the river (less than 100 m upstream). Better equipment access is available to this site from the left bank via the 9410 (see ED-L4-03).

FISH ACCESS AND CURRENT USE: Currently dry. May have a small amount of winter rearing habitat in the lower reaches when watered but appears to have less potential than ED-L4-01.

FLOODING POTENTIAL: Low to moderate in the lowermost reaches.

LANDOWNER: Unknown at this time (probably DNR and/or ITT Rayonier).

COMMENTS & RECOMMENDATIONS: ED-L4-02 was not seen during the initial survey of the ED-L4 area. It was discovered during a subsequent survey of channels in the lower ED-L4 and ED-R4 areas in late July 1991. The channel was dry at this time. Some rearing habitat may be available in the extreme lower reaches during the fall, winter and early spring. The gradient appears to get quite steep a short way above the mouth. The mouth of the channel contains a lot of large gravel. A complete survey of the habitat in this tributary is needed when water is present.

DATE: 11/15/91

OBSERVER: Young

Surveyed the lower 440 m reach of ED-L4-02. This trib was missed during the initial survey of the ED-L4 area in March of 1991 and was found during a follow up in July of 1991. At that time, however, the channel was dry. It was decided to revisit this site in the Fall when water was present.

Water temp in mainstem (at 13:20) was at 7.5° to 8.0° C. Water temp at the mouth of ED-L4-02 (at 13:15) was at 8.5° C and flow was estimated at 0.5 to 0.75 cfs. Flow 440 m above the mouth was the same and water temp was at 8.0° C (at 12:00).

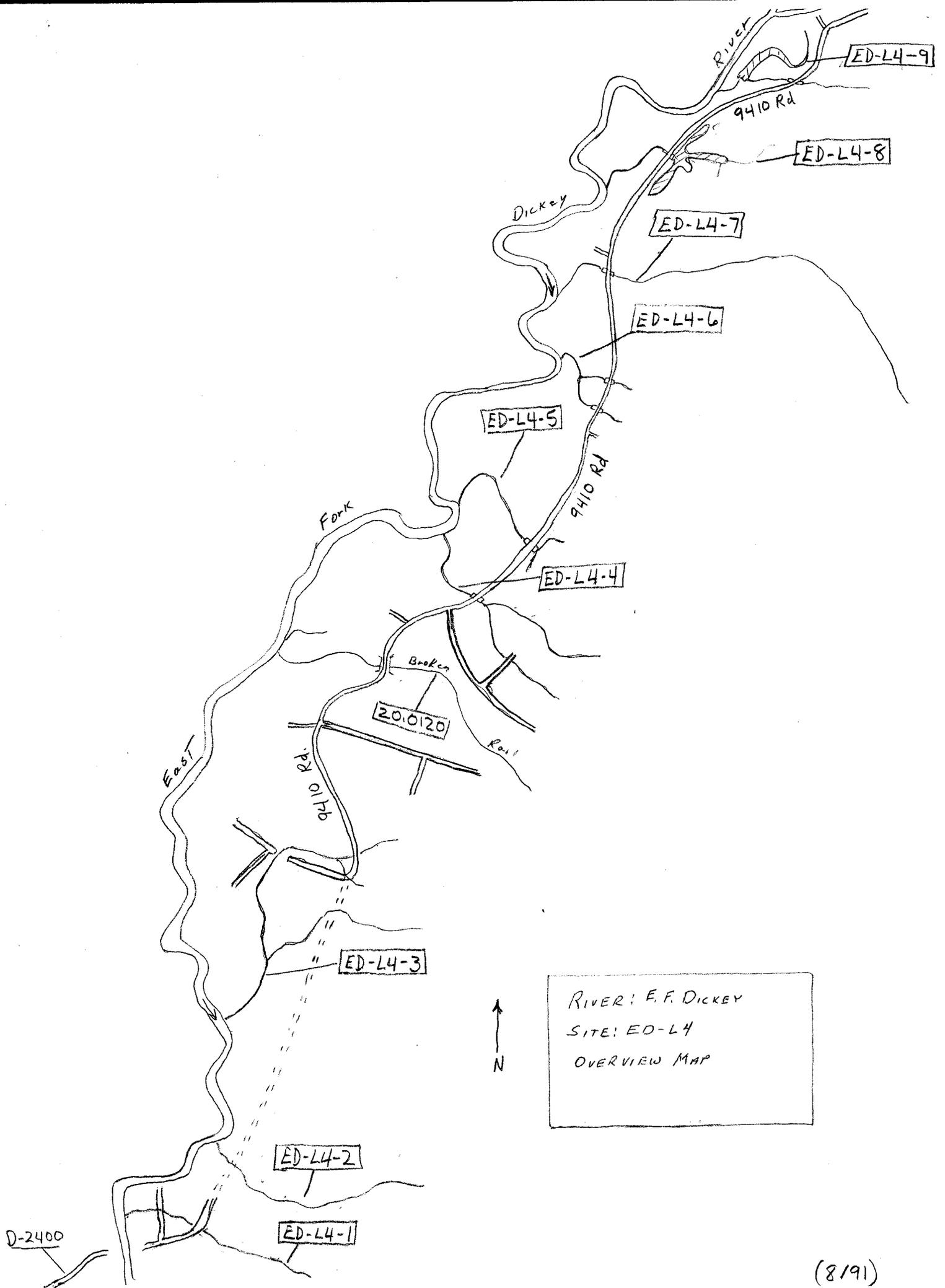
The upper 225 m of the surveyed reach has a much steeper gradient than the comparable reach of ED-L4-1. Habitat here is mostly riffle, rapid and a few plunge pools as the trib runs through a narrow valley.

The gradient seems to moderate somewhat about 215 m above the mouth. The narrow valley opens up as ED-L4-02 flows across the valley floor of the E. F. Dickey. A flag found at this point indicates the upper end of a WDF supplemental survey (dated 12/24/87 by M. Ereth). Another 80 m downstream the tributary crosses the 9410 (at a pulled culvert). An old trestle occurs just below the grade. The 60 m reach below the 9410 shows signs of bedload buildup. A 1 m high falls over a debris jam contributes to this.

The lower 60 to 80 m reach of ED-L4-02 will probably allow for some spawning activity, although the substrate at the mouth appears rather unstable. A nice back eddy occurs just below the mouth as the clear water of ED-L4-02 joins the tannic water of the E. F. Dickey. A good RMZ was left along the lower reach, however, and much of it has blown down.

Surface widths are from 1 to 2.5 m and channel width is 2 to 3 m. Average depth is 5 to 15 cm (max depth = 20 cm). Sub-strate in the lower reach is largely gravel and cobble. The upper reach is primarily cobble and boulder. A high riffle to pool ratio is seen throughout.

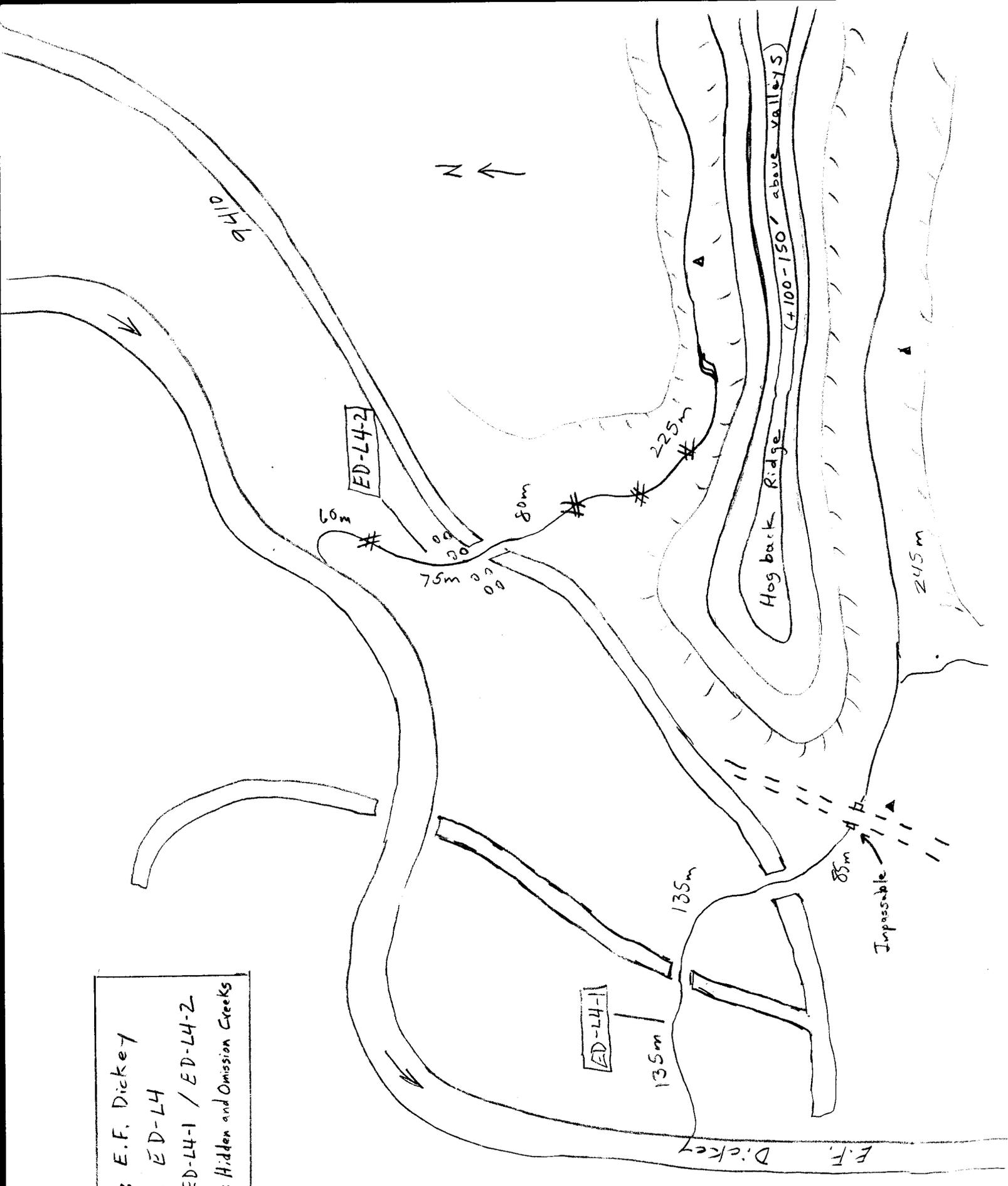
Any habitat enhancement should probably be restricted to the lower 200 m reach of ED-L4-02.



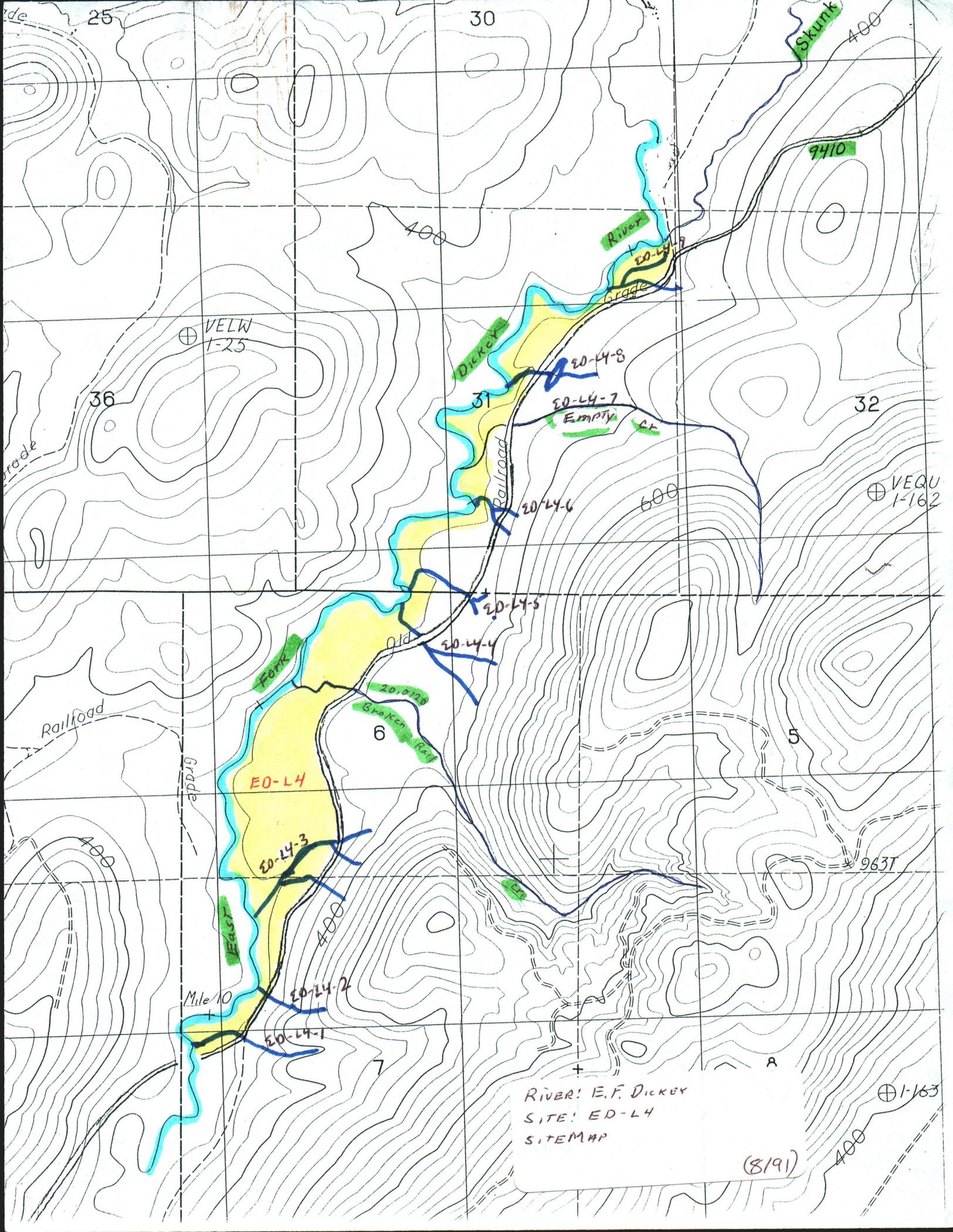
RIVER: E.F. DICKEY
 SITE: ED-L4
 OVERVIEW MAP



River: E.F. Dickey
 Area: ED-L4
 Site: ED-L4-1 / ED-L4-2
 Name: Hidden and Omission Creeks



D-2400



⊕ VELW
1-25

⊕ VEGU
1-162

⊕ 1-163

RIVER: E.F. Dickey
SITE: EO-L4
SITEMAP

(8/91)

EO-L4

EO-L4-3

EO-L4-2

EO-L4-1

EO-L4-8

EO-L4-7
Empty

EO-L4-6

EO-L4-5

EO-L4-4

6

7

400

400

9410

32

600

5

963T

400

A

Mile 10

Railroad

Grade

Railroad

Grade

Dickey

Skunk

FOUR

BROKEN RAIL

Old

20,012

6

36

30

25

Grade

Grade

400

400

400

400

400