

SITE NUMBER: ED-L3-03
LOCAL NAME: Ford Creek
WRIA: 20.01191

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 3/27/91 **OBSERVER:** Young

CHANNEL TYPE: Lower reach of a small valley wall tributary

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

SITE LOCATION: L.B. @ R.M. 9.8 (U.S.G.S.)

LEGAL DESCRIPTION: SW1/4 S7 T29N R13W

	UPPER END	LOWER END	RIVER TEMP
<u>WATER TEMP:</u>	5.5 C	5.5 C	5.5 C

<u>FLOW (CFS):</u>	0.1 - 0.2	0.1 - 0.2	
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SUBSTRATE TYPE: Silt, mud and muck.

SITE SIZE:
Length- Approx 150 m (mouth to old grade crossing)
Width- Water surface = 0.5 - 1 m at egress channel
 Channel = 1 - 1.5 m at egress channel
Depth- 10 - 15 cm

WATER SOURCE: Small valley wall tributary and seep springs.

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 to the left bank. The mouth of ED-L3-03 is located about 200 to 250 m downstream (the first, small, left bank trib below the ford).

FISH ACCESS AND CURRENT USE: Entering the river on a flat gradient at a fairly deep, back eddy pool, the mouth of ED-L3-03 appears to have very good entrance conditions. Small debris piles in the lower egress may slightly restrict juvenile coho access. Once above the egress, the water is shallow and the habitat appears rather tenuous. The potential for fish getting stranded in this small system seems very likely. No fish were seen.

FLOODING POTENTIAL: Moderate.

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

COMMENTS & RECOMMENDATIONS: ED-L3-03 does not currently appear to contain much in the way of rearing habitat. Good entrance conditions at the mouth, however, may tend to draw fish into the channel.

ED-L3-03 originates as a small, valley wall tributary running off the steep side slope of the E.F. Dickey valley. Some 50 to 100 m before flowing out onto the valley floor, ED-L3-03 is crossed by fill material

(continued on next page)

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COMMENTS & RECOMMENDATIONS: (continued) from an old rail grade. The small, v-shaped valley of ED-L3-03 was quite literally filled to its top in order to accommodate the grade. The elevation of the top of the grade is some 20 to 30 ft higher than the water surface of the trib. Water passes under the grade via a low clearance, crib log "culvert". Part of the fill material has begun to slump away into the channel. Under present conditions this erosion process will probably continue for many, many years.

As it emerges from its own valley, water in ED-L3-03 flows out onto a small, brushy, alder flat which lies between the toe of the hill and the left bank of the river. This flat is some 6 to 8 ft above the current water level of the river. Fine alluvial muck (knee deep in places), apparently coming from the slumping grade, covers much of this flat. Water in the flat diverges and makes its way to the river through any number of small channels. A few of these channels allow water to trickle over the high left bank of the river. The main egress channel, however, is incised along its lower 20 m reach as it cuts through the sandy left bank and enters the river on a flat gradient. Entrance conditions here, as previously described (see Fish Access), are quite good.

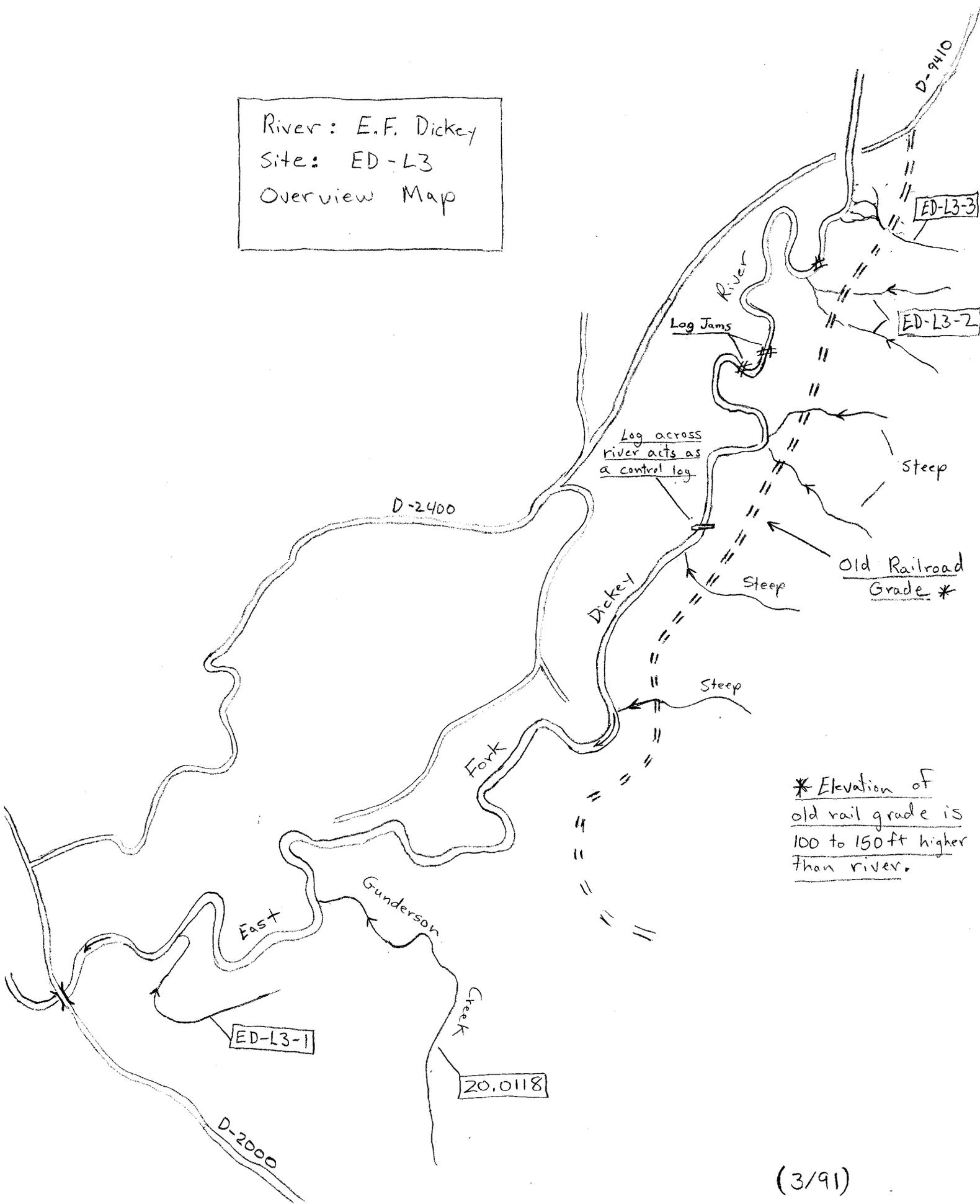
In addition to the water coming from the valley wall tributary, a few small seep springs were also seen emanating from the terrace wall along the back edge of the alder flat.

Due to the unstable nature of the lower reach of ED-L3-03, probably very little can be done to improve the coho rearing habitat here. The best "enhancement" of this site may be to make the entrance less attractive.

DATE: 7/31/91 **OBSERVER:** Young

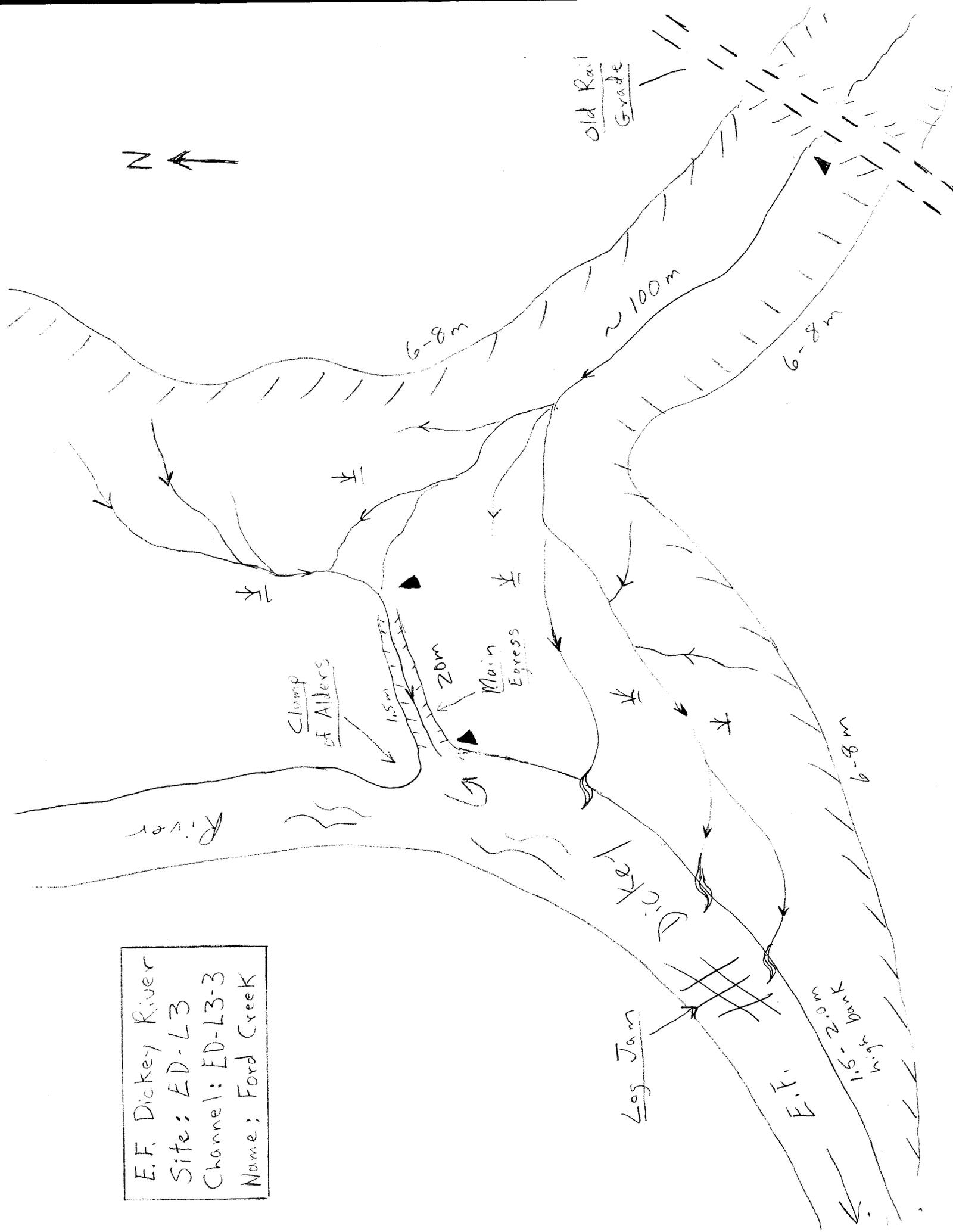
There is still a trickle of water (probably less than 1 gal/min) flowing from the mouth of ED-L3-03.

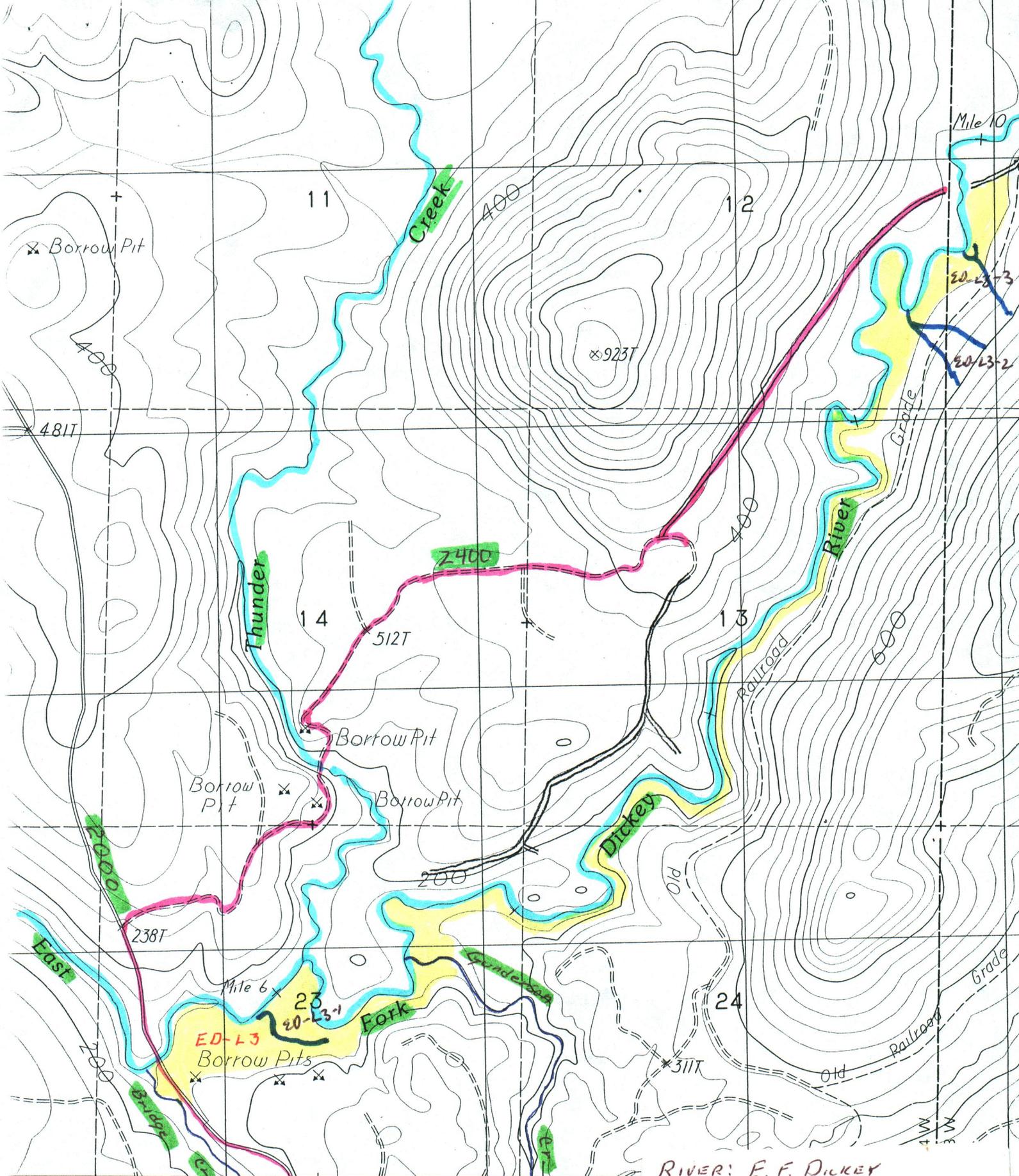
River: E.F. Dickey
Site: ED-L3
Overview Map



* Elevation of old rail grade is 100 to 150 ft higher than river.

E.F. Dickey River
Site: ED-L3
Channel: ED-L3-3
Name: Ford Creek





ECOLOGICAL SURVEY

..... USGS, NOS/NOAA

1 1977 AND 1978

2 1984

3 1984

4 1984

5 1984

6 1984

7 1984

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10 1984

11 1984

12 1984

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