

SITE NUMBER: ED-115R-03
LOCAL NAME: Clarence Creek
WRIA: 20.0115J

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 3/24/92 **OBSERVER:** Nettnin

CHANNEL TYPE: Valley wall tributary

TRIBUTARY TO: Thunder Creek (20.0115)

SITE LOCATION: R.B. @ R.M. 2.65 (as measured in the field) About 1.0 mile below the bridge at the D-2900.

LEGAL DESCRIPTION: SE1/4 S11 T29N R14W

UPPER END LOWER END THUNDER CREEK

WATER TEMP: 47° F (Lost thermometer)

FLOW (CFS): 0.1 - 0.2 0.25 - 0.5

SUBSTRATE TYPE: Gravel and rubble.

SITE SIZE: **Length-** 2550 m
 Width- Water surface = 0.5 - 3 m
 Channel = 1 - 6 m
 Depth- 8 - 15 cm (Max = 80 cm)

WATER SOURCE: Valley wall tributaries.

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. Follow the 2000 about 7.4 miles (crossing the E. F. Dickey Bridge and going by the D-2600 and D-2700) to the D-2800. Turn right on the D-2800 and drive to the pulled culvert. This tributary is ED-115R-03 (Clarence Creek).

FISH ACCESS AND CURRENT USE: Juvenile coho were seen throughout this system. Adults appear to use this trib for spawning. About 100 coho fingerlings (1+) and several hundred coho fry (0+) were seen.

FLOODING POTENTIAL: High potential of high velocity flows in winter.

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

COMMENTS & RECOMMENDATIONS: ED-115R-03 originates as two valley wall tribs that converge about 1 mile above the mouth. The left branch passes through a narrow valley and has a moderate gradient. A series of beaver ponds provide good rearing areas. An excellent grade of gravel provides spawning opportunities.

The right branch drains a bowl-shaped valley. This channel has a moderate to gentle gradient. A series of beaver dams is also found in this branch. Most of these dams, however, are in poor repair. An old slump from the valley wall has lots of gravel tied-up in the upper reach. This slump forms a barrier to the upstream migration of fry.

(continued on next page)

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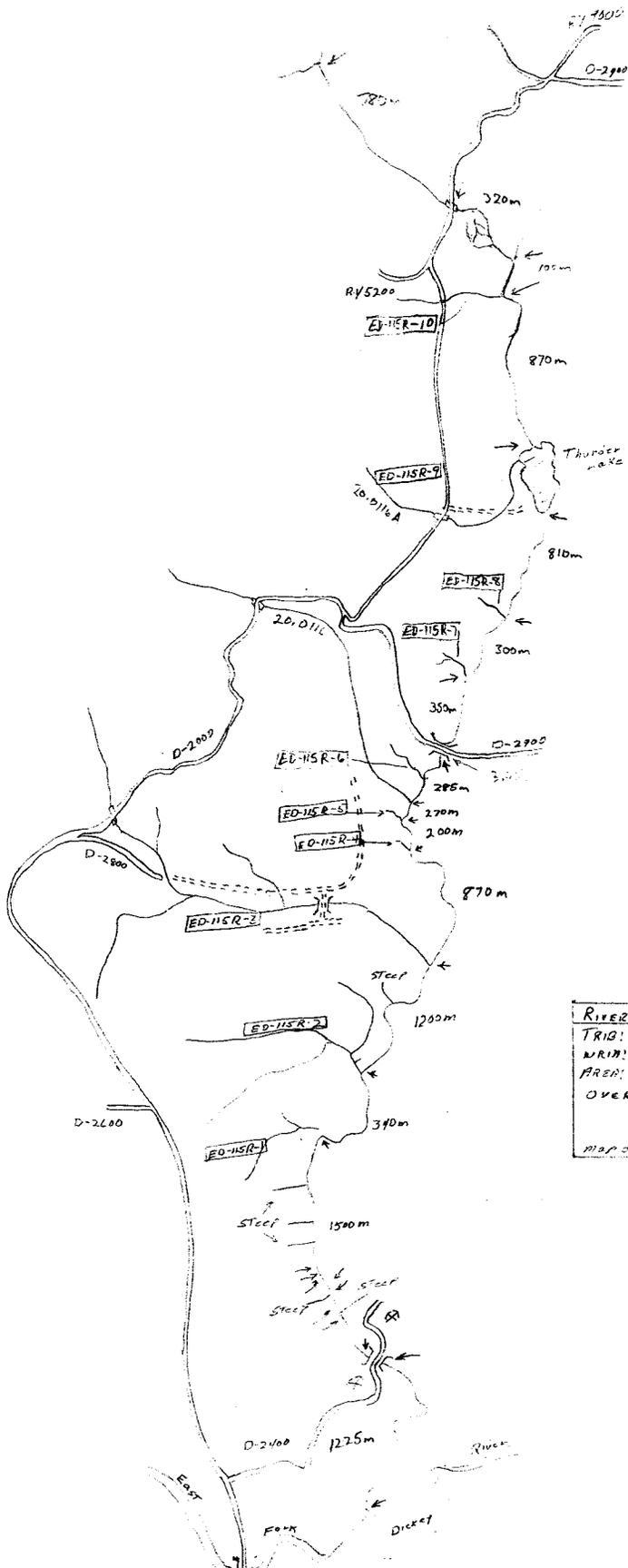
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COMMENTS & RECOMMENDATIONS: (continued) A small pond formed by this blockage and enhanced by beaver activity may be accessible during higher flows.

Between the confluence of the two branches and the mouth of ED-115R-03 the channel maintains a moderate to gentle gradient. Several minor tributaries enter along this lower reach. All but one of these minor tribs have steep gradients.

A small, low gradient, left bank tributary appears to have some potential for rearing habitat enhancement. This could be accomplished by installing controls above the road crossing (i.e. 150 m above the mouth of the trib).

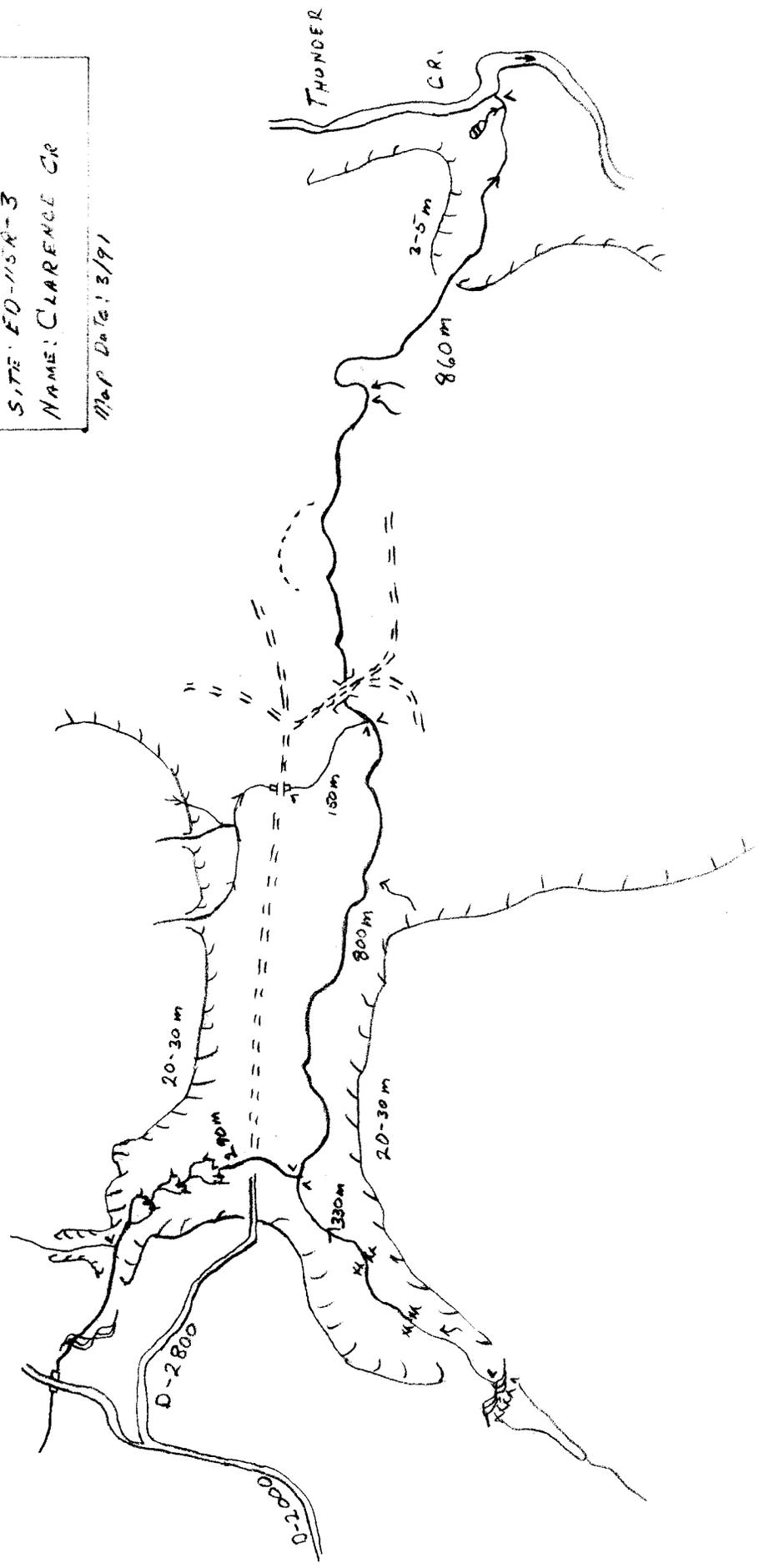
Though a high percentage of pool habitat is seen, parts of this stream are lacking in cover. This is probably due to high velocity winter flows. A RMZ strip was left along this stream. Much of this RMZ, however, has blown down and now supports 8 to 12 year old alder.

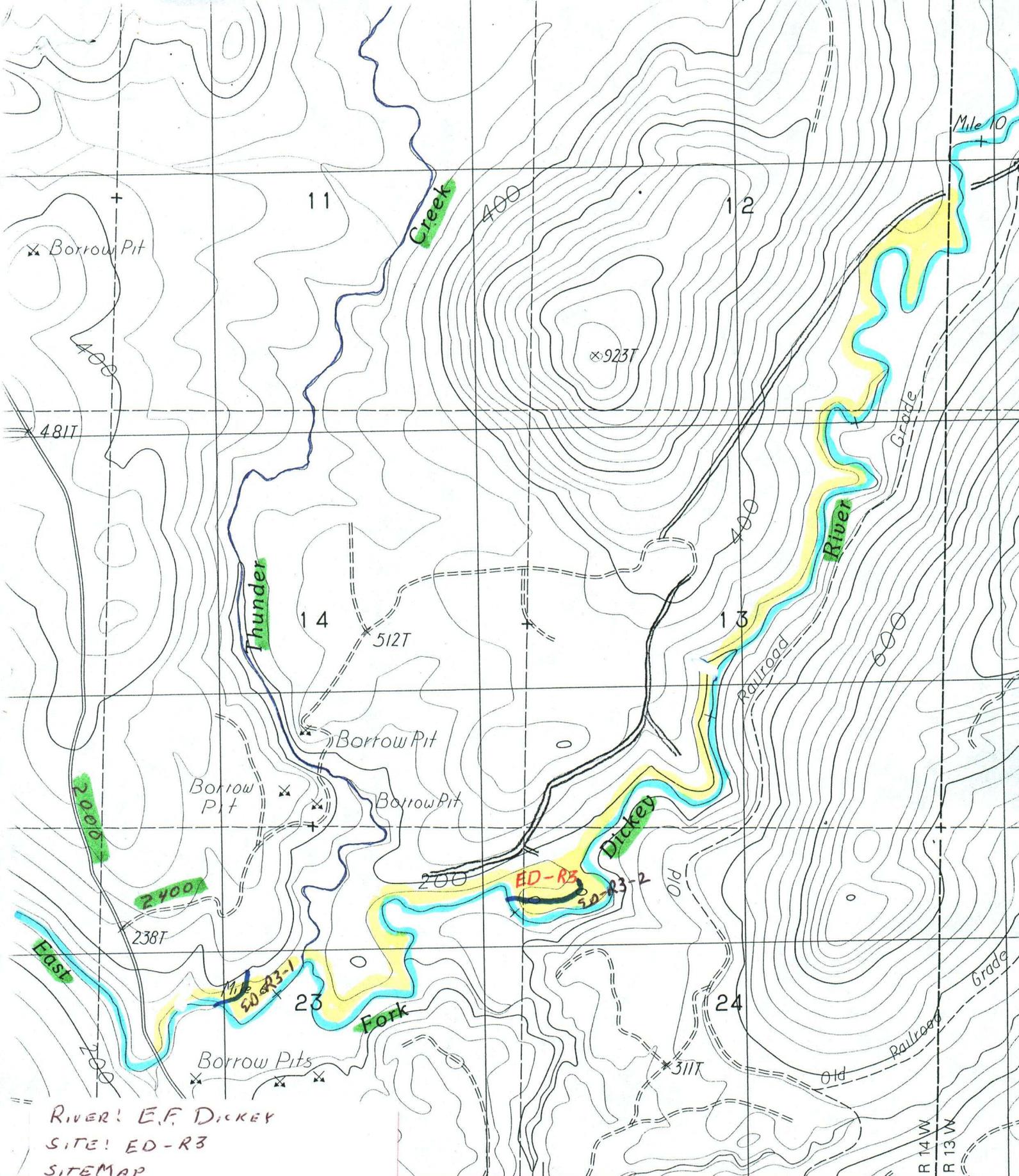


RIVER: E.F. DICKEY TRIG: THUNDER CR. NRIM: 20.0115 AREA: ED-11SR OVERVIEW MAP Map date: 3/92

RIVER: E. F. DICKEY
TRIB: THUNDER CR.
WRM: 20.0115
AREA: ED-115R
SITE: ED-115R-3
NAME: CLARENCE CR

Map Date: 3/91





RIVER: E.F. DICKEY
 SITE: ED-R3
 SITEMAP

Map Date 3/11

BIOLOGICAL SURVEY
 USGS, NOS/NOAA
 I 1977 AND 1978
 D 1984
 PERT CONFORMAL CONIC
 RCATOR ZONE 10
 HINGTON NORTH ZONE

NORTH

