

SITE NUMBER: ED-115R-09

LOCAL NAME: Slim Creek

WRIA: 20.0116A

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 3/31/92 **OBSERVER:** Young

CHANNEL TYPE: Low gradient reach of a valley wall tributary

TRIBUTARY TO: Thunder Creek (20.0115)

SITE LOCATION: RB @ RM: 4.65 (field) or 3.9 (WDF catalog)

LEGAL DESCRIPTION: SE¼, Sec.35, T30N, R14W

UPPER END LOWER END THUNDER LAKE

WATER TEMP: 10.5° C N/A N/A

FLOW (CFS): 0.1 - 0.2 0.1 - 0.2 (Note: a large portion of the middle reach was dry)

SUBSTRATE TYPE: Primarily gravel and cobble turning to mud & silt in the lower 150 m reach (i.e. at the confluence with the lake).

SITE SIZE: **Length-** 690 m (mouth to bridge)
 Width- Water surface = 60 cm - 1.5 m (where watered)
 Channel = 1.5 - 3.0 m
 Depth- 5 to 10 cm Max. = 30 cm

WATER SOURCE: Valley wall tributary.

DIRECTIONS TO SITE: Go north from Forks on Hwy 101 for 3.1 miles. Turn left (west) about 0.1 mile beyond MP 195 onto the D-2000. Proceed west on the D-2000 about 4.7 miles until coming to the E. F. Dickey Bridge. Cross the bridge and continue north on the D-2000 another 4.7 miles (going past major junctions with the D-2400, the D-2600 and the D-2900) until coming to a wooden bridge. This tributary is ED-115R-09.

FISH ACCESS AND CURRENT USE: Fish appear to utilize this tributary for both summer and winter rearing as well as spawning. Coho fry densities were quite heavy in the watered, upper reach. Stranding appears to be a problem. Several isolated pools all contained coho and trout fingerlings.

FLOODING POTENTIAL: Low. May occasionally experience high velocity flows during the winter.

LANDOWNER: Unknown at this time (probably DNR).

COMMENTS & RECOMMENDATIONS: ED-115R-09 flows into Thunder Lake from its right shore entering near the upper end of the lake. Since this has been one of the driest Marches on record, the water conditions observed are probably atypical of "normal" early spring conditions. One would suspect, however, that flows in this tributary are frequently quite low by late summer and that stranding of fry may be an ongoing problem.

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(continued)

COMMENTS & RECOMMENDATIONS: Lots of good quality gravel was present in this stream. As a tributary to the lake, however, it does not appear to be an important gravel recruiter for Thunder Creek.

70 m below the upper end of this survey (i.e. below the D-2000 bridge) the channel went dry. The next 450 m reach of the channel was mostly dry. The few deep, isolated pools that were observed all contained salmonids. These pools appeared to be rapidly decreasing in size.

About 300 m into this dry reach of the channel, ED-115R-09 intersects the spur road into Thunder Lake at a pulled culvert. About 150 m below the intersection with the spur road the gradient flattens and the gravel disappears rather abruptly.

The lower 150 m reach is a braided channel with a muddy substrate. This lower reach flows through a well shaded, skunk cabbage flat before entering the lake via multiple channels. Currently most of the flow is concentrated in one or two "main" channels. These channels enter Thunder Lake just north of the small peninsula along the right shore of the lake (see aerial photo).

While both adult and juvenile coho appear to utilize this stream rather extensively, it appears that overall production from ED-115R-09 is much less than one might expect. Summer low flow is probably the limiting factor.

DATE: 11/17/93

OBSERVER: T. Manning/D. Nettnin

Dave Nettnin used this site to train me (Terrie Manning). This supplemental provides data parameters that changed between 3/31/92 (when Randy surveyed the site) and 11/17/93 (when I surveyed the site). On 11/17/93 the entire reach had water in it with flows ranging from 0.25 to 0.50 cfs. The water depths increased to 25cm (average) and 1 meter (maximum). The temperature decreased to 8.0° C throughout. No fry were observed.

SITE CONTINUATION FROM 715 METERS TO 1020 METERS

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RIVER SYSTEM: E. F. Dickey **DATE:** 11/17/93 **OBSERVER:** Manning

CHANNEL TYPE: Low gradient reach of a valley wall tributary

TRIBUTARY TO: Thunder Creek (20.0115)

SITE LOCATION: RB @ RM: 4.65 (field) or 3.9 (WDF catalog) 715-1020 m

LEGAL DESCRIPTION: SE¼, Sec.35, T30N, R14W

UPPER END LOWER END THUNDER LAKE

WATER TEMP: 8.0° C N/A 8.0° C

FLOW (CFS): 0.25 - 0.50 0.25 - 0.50

SUBSTRATE TYPE: Gravel and cobble

SITE SIZE: **Length-** 690 m (bridge) to 1020 m
 Width- Water surface = 1.5 m - 2.0 m
 Channel = 2.0 - 3.0 m
 Depth- 10 to 15 cm Max. = 1 m

WATER SOURCE: Valley wall tributary.

DIRECTIONS TO SITE: Go north from Forks on Hwy 101 for 3.1 miles. Turn left (west) about 0.1 mile beyond MP 195 onto the D-2000. Proceed west on the D-2000 about 4.7 miles until coming to the E. F. Dickey Bridge. Cross the bridge and continue north on the D-2000 another 4.7 miles (going past major junctions with the D-2400, the D-2600 and the D-2900) until coming to a wooden bridge. This tributary is ED-115R-09.

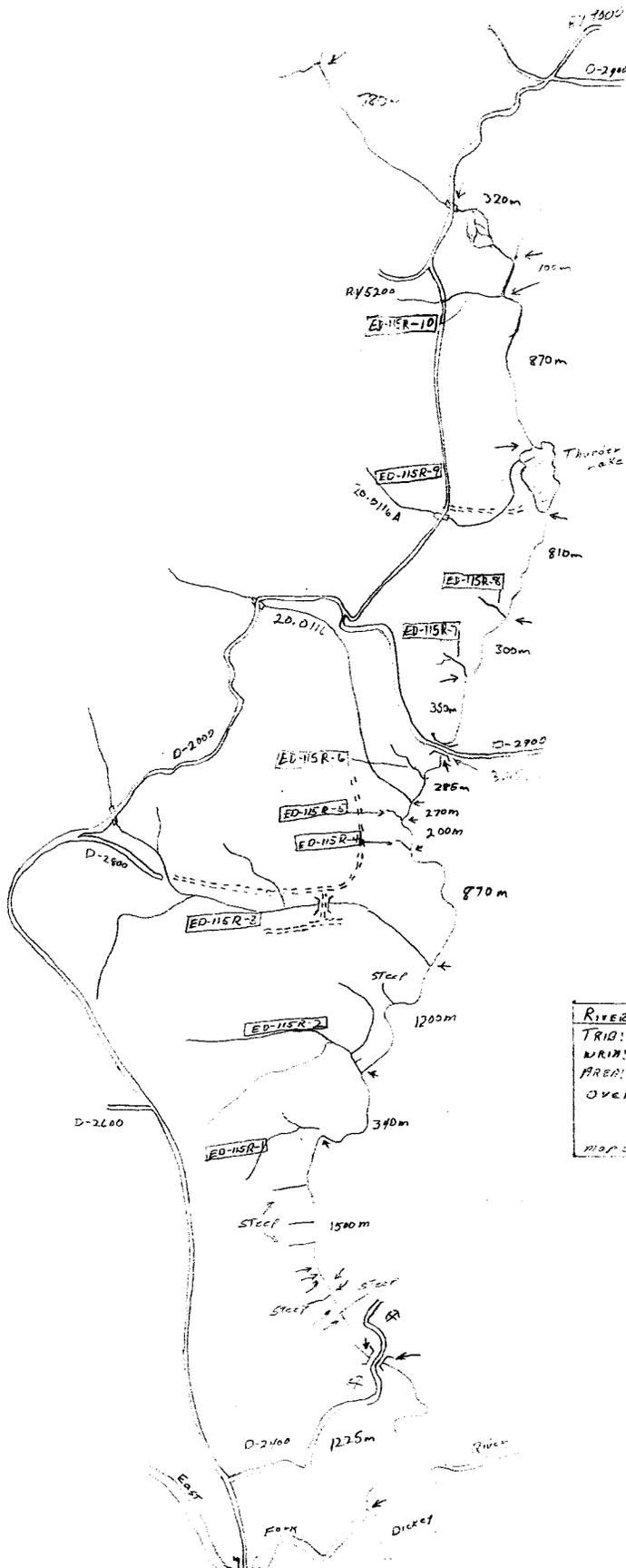
FISH ACCESS AND CURRENT USE: No fish were observed. During spring or summer low flows (as seen by R. Young on 3/31/92) access may not be possible.

FLOODING POTENTIAL: Low. May occasionally experience high velocity flows during the winter.

LANDOWNER: Unknown at this time (probably DNR).

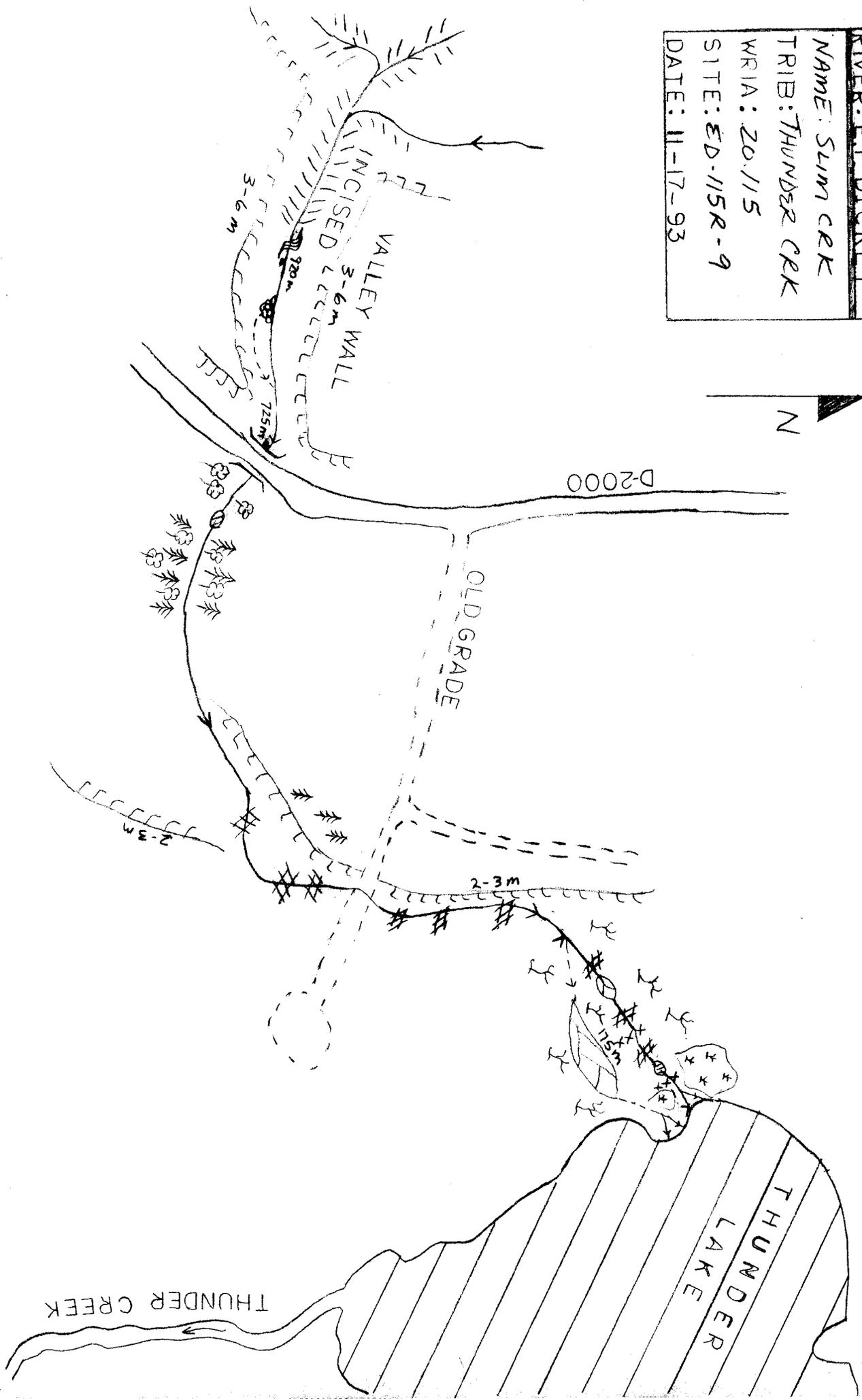
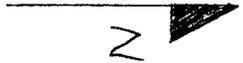
COMMENTS & RECOMMENDATIONS:

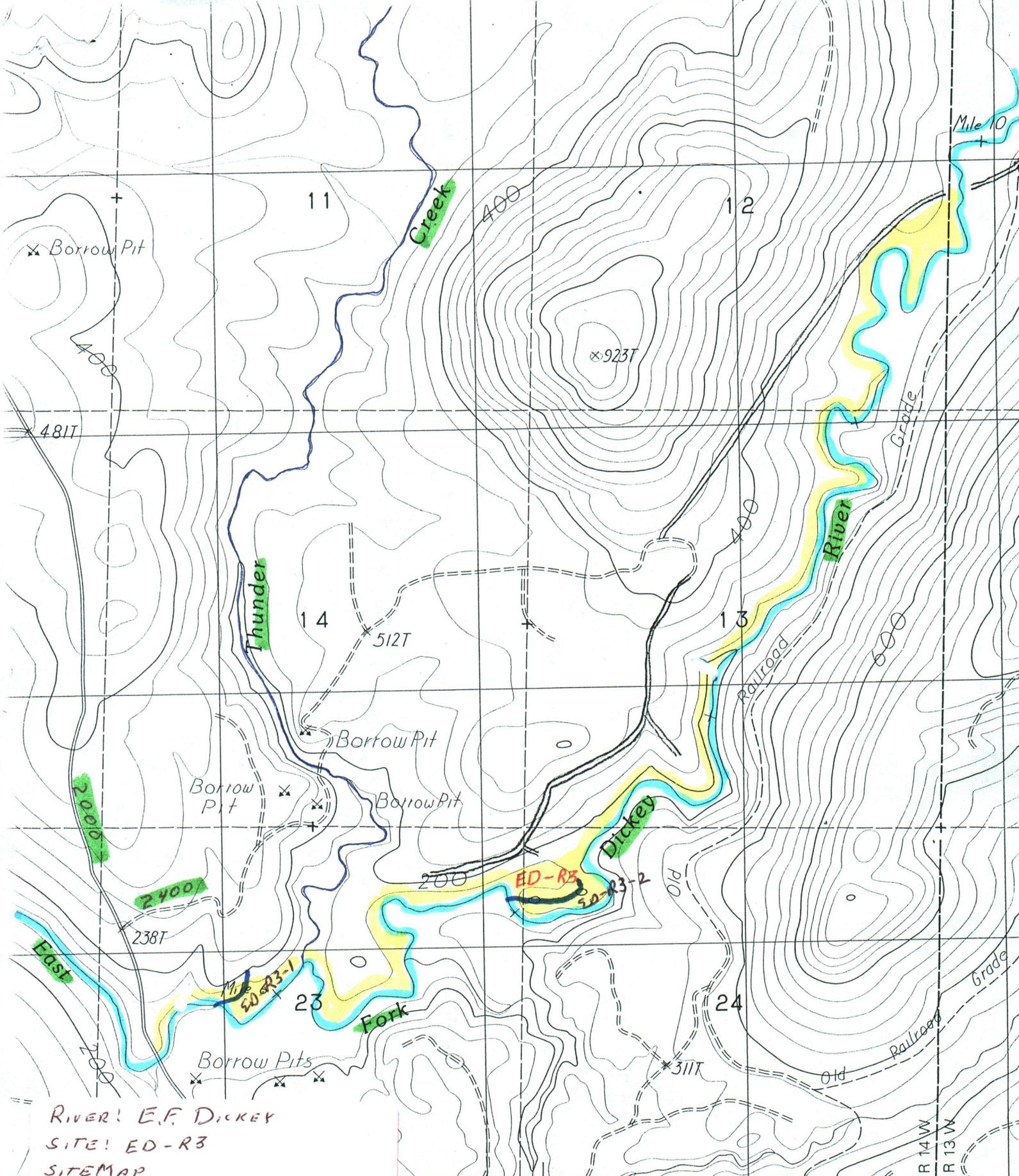
- Good canopy cover of alders, small conifers and salmonberry.
- Prior stream work has been done; v-notches have been cut in LOD.
- At 920 m is a 60 cm high fall; above, stream channel is incised.
- U-shaped valley.
- Two small tribs enter; one at 975 m, and another at 1020 m.
- moderate gradient.
- Maintain integrity of stream.



RIVER: E.F. DICKEY TRIM: THUNDER CR. URIM: 20,0115 AREA: ED-115R OVERVIEW MAP Map date: 2/92

RIVER: F.F. DICKEY
 NAME: Slim Ck
 TRIB: THUNDER Ck
 WRIA: 20.115
 SITE: ED-115R-9
 DATE: 11-17-93





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

391 27' 30" 392 393

SCALE 1:24 000

