

SITE NUMBER: ED-L5-03
LOCAL NAME: Cobblemouth Springs
WRIA: 20.0131C

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 2/18/92 **OBSERVER:** Young

CHANNEL TYPE: Lower (low gradient) reach of a small valley wall trib

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

SITE LOCATION: L.B. @ R.M. 14.9 (WDF)

LEGAL DESCRIPTION: SW1/4 S20 T30N R13W

	<u>UPPER END</u>	<u>LOWER END</u>	<u>RIVER TEMP</u>
<u>WATER TEMP:</u>	6.5 C	6.5 C	6.0

FLOW (CFS): 0.05 - 0.1 0.05 - 0.1 (30 - 40 gal/min)

SUBSTRATE TYPE: Cascades over cobble at the mouth. Remainder of channel was primarily sand and silt with some small gravel.

SITE SIZE: **Length-** About 150 m (mouth to 9000 Rd) Only the lower 50 m reach appears to offer rearing habitat potential.
Width- Water surface = 0.5 - 1.5 m
 Channel = 0.5 - 2.0 m
Depth- Avg = 5 - 10 cm Max = 10 - 20 cm

WATER SOURCE: Small valley wall trib., seep springs and road run off.

DIRECTIONS TO SITE: Go north from Forks on Hwy 101 about 8.4 mi. then turn left at the Lake Pleasant Grocery Store (0.4 mi. north of MP 200) onto Lk. Pleasant Rd. Stay on the main road going past the community park and across the Lake Cr. bridge. Turn right and continue up the county road (along the northwest shore of the lake) to the end of the pavement. This road then becomes the 9000 line. Continue on the 9000 line another 6.0 miles (going past junctions with the 9300 & 6000 lines) until coming to a new (i.e. 1990) concrete bridge. Continue on the 9000 (going past the 9400) for about 0.5 mi. until the mainline makes a hard left at the junction with the 9500 (at Beavers Corner). Proceed on the 9000 another 2.5 miles to mile post 11. The road crosses a small ravine just beyond the mile marker. This ravine is the upper end of ED-L5-03.

FISH ACCESS AND CURRENT USE: No fish were seen in ED-L5-03. The lower reach should occasionally be accessible to juvenile salmonids.

FLOODING POTENTIAL: Moderate in the lower 50 m. Low above that point.

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

COMMENTS & RECOMMENDATIONS: ED-L5-03 is a rather small, steep trib. The lower 50 m reach of the channel lies at the toe of the valley wall and runs along the back edge of the E.F. Dickey valley floor. Much of this low gradient reach appears moderately susceptible to mainstem flooding.

ED-L5-03 enters the E.F. Dickey at the outside upper end of a hard bend in the river. Water cascades over cobble at the mouth of the channel dropping 60 to 90 cm in elevation along the lower 5 m. A small boulder located just upstream of ED-L5-03 creates a small area of quiet water at the mouth.

Some 50 m above the mouth of ED-L5-03 is the base of a well vegetated alluvial fan. About 50 m further upstream is the apex of this alluvial material.

Above the alluvial fan ED-L5-03 passes through a narrow, steep v-shaped valley for about 50 m before being crossed by the 9000 Rd. The trees along the side slopes of this narrow valley have been thinned. Most of the thinned trees have been dropped into the ravine. Small and medium organic debris are a major component of the substrate above the fan.

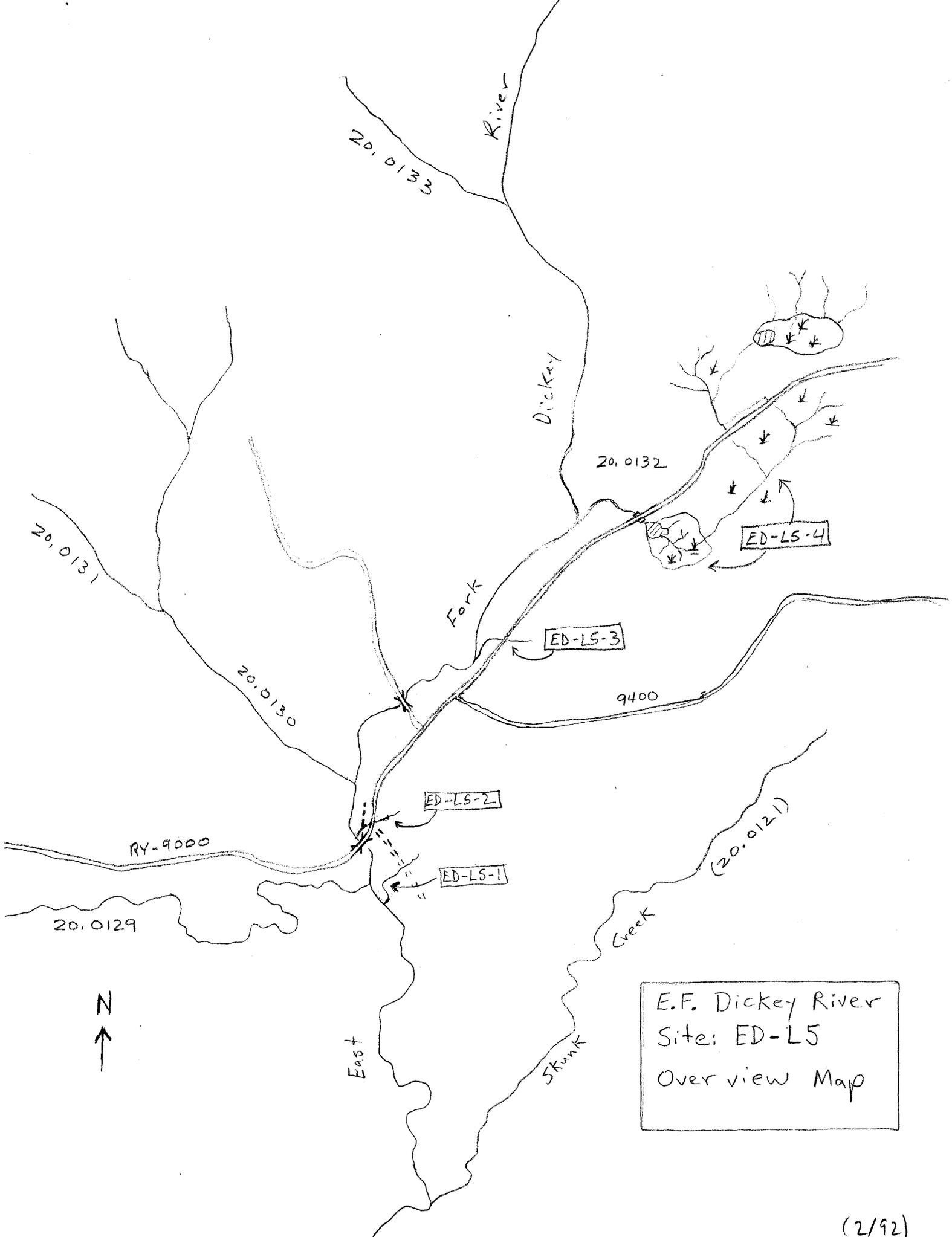
Due to its flood potential, probably very little can be done to improve the rearing habitat in the lower reach of ED-L5-03. It may be possible to deepen the channel along the toe of the hill and create a small refuge bay area for short term rearing. Changes occurring in the E.F. Dickey upstream of this site (i.e. lots of braided channels, erosion of the existing banks and numerous downed alders) suggests an unstable situation along the stream bed. Such changes could eventually force the river to cut into the lower reach of ED-L5-03.

During periods of heavy precipitation ED-L5-03 appears to carry a lot of silty run off water from along the 9000 Rd. This silty water may discourage fish from entering the channel at these times. This situation might also tend to silt in any excavations done in the lower reach. Machine access to this site would be difficult.

DATE: 5/29/92 **OBSERVER:** Young

These observations were made during an unusually long period of dry weather. Rainfall for the month is well below average. This could possibly be the driest May on record.

There is still a trickle of a flow. Temp. is 47° F; EFD is 50° F. This channel may provide summer rearing.



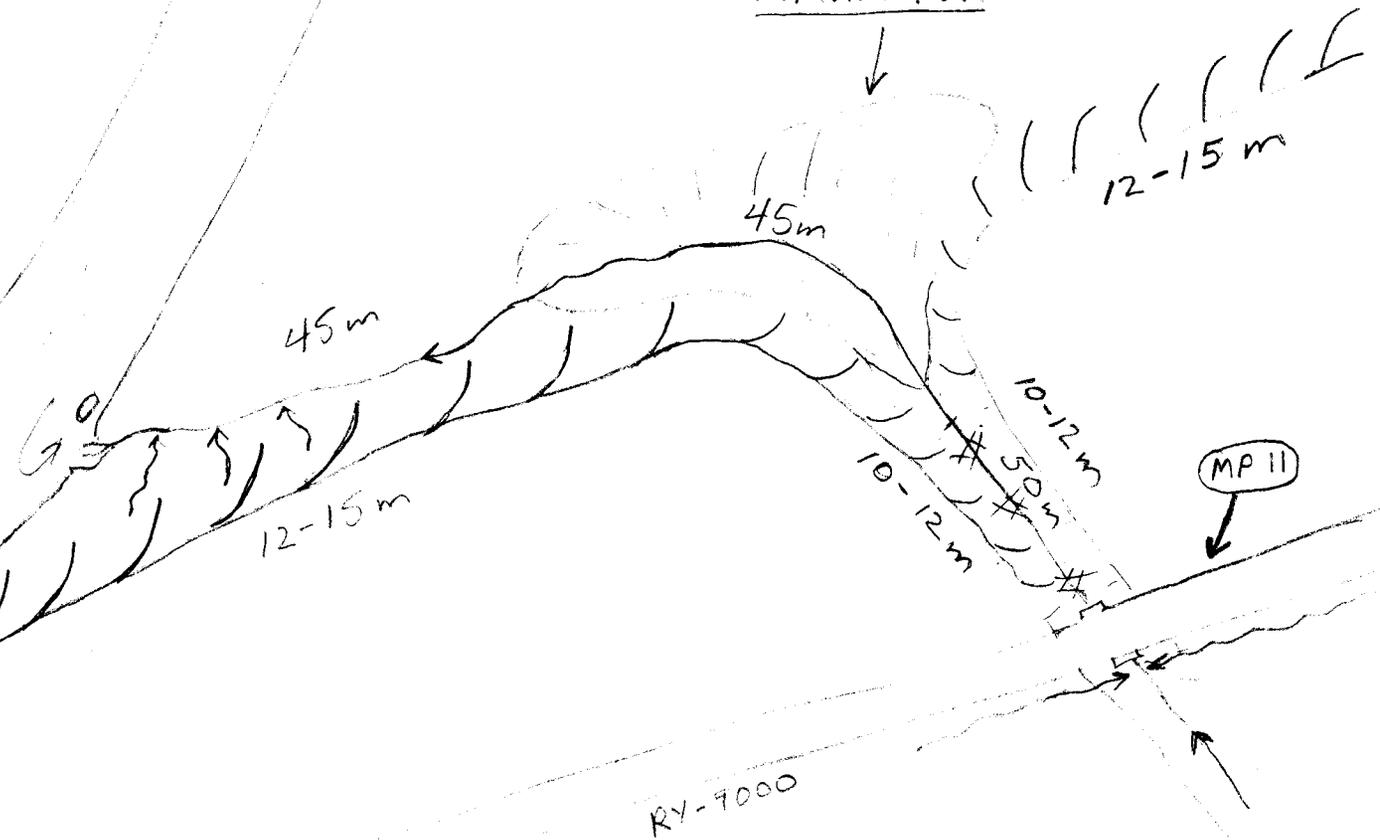
E.F. Dickey River
Site: ED-L5
Over view Map

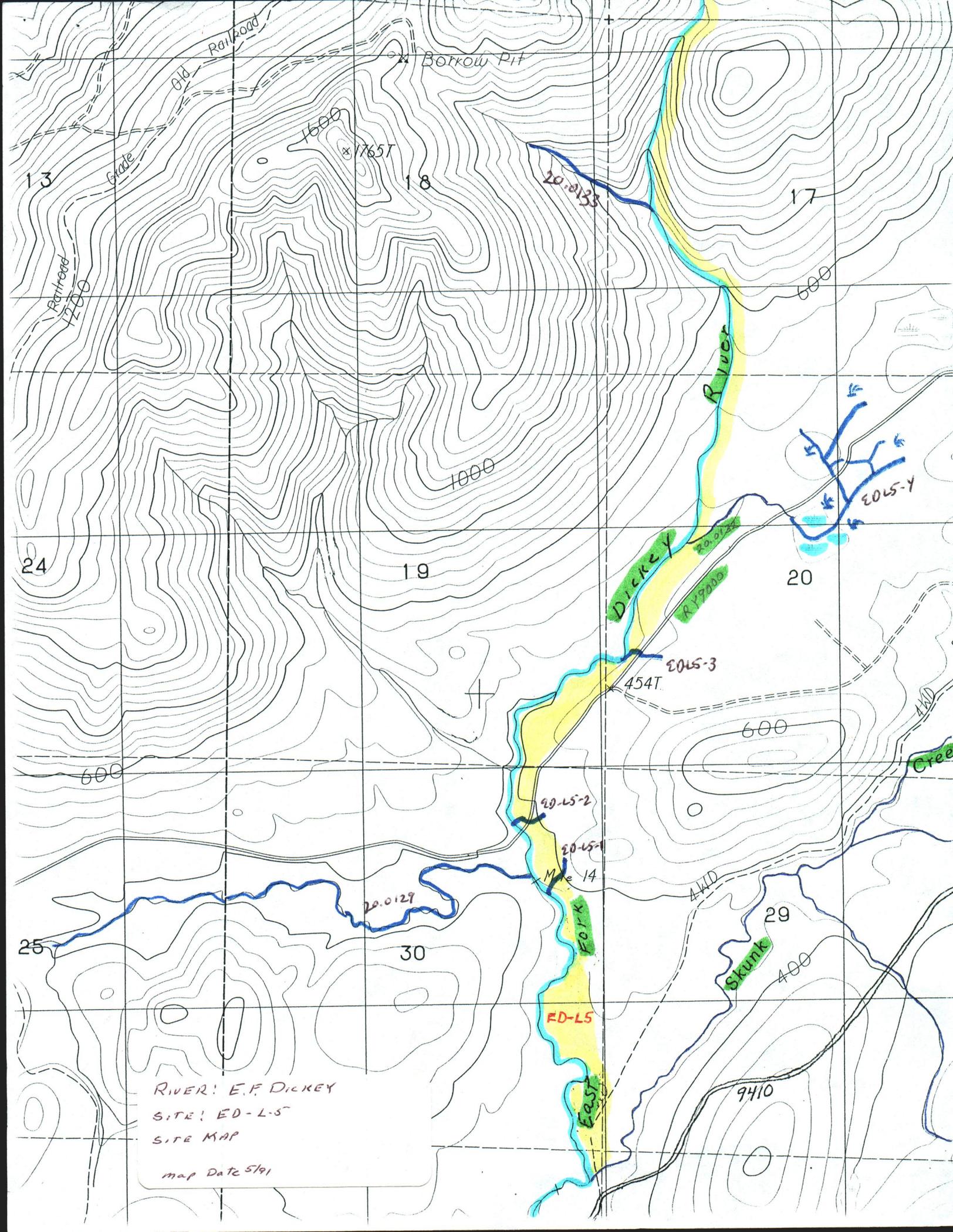


E.F. Dickey River

E.F. Dickey River
Area: ED-LS
Channel: ED-LS-3
Name: Cobblemouth Sp.

Alluvial Fan





13

18

17

24

19

20

25

30

29

RIVER: E.F. DICKEY
SITE: ED-L-5
SITE MAP
map Date 5/91