

**SITE NUMBER:** ED-R5-06  
**LOCAL NAME:** Alder Flat Springs  
**WRIA:** 20.0131F

**NORTH COAST OFF CHANNEL SITE INVENTORY DATA**

**RIVER SYSTEM:** E. F. Dickey    **DATE:** 4/12/91    **OBSERVER:** Young

**CHANNEL TYPE:** A small terrace tributary (partially wall-based).

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

**SITE LOCATION:** R.B. @ R.M. 15.2 (WDF)

**LEGAL DESCRIPTION:** NW1/4 S20 T30N R13W

	<b>UPPER END</b>	<b>LOWER END</b>	<b>RIVER TEMP</b>
<b><u>WATER TEMP:</u></b>	7.0° C	7.5° C	5.5° C
<b><u>FLOW (CFS):</u></b>	Dry	5 - 10 gal/min	
<b><u>SUBSTRATE TYPE:</u></b>	Mud.		

**SITE SIZE:**    **Length-** 115 m (upper 20 m was a muddy depression)  
                  **Width-** Surface = 0.3 - 1.0 m  
                                  Channel = 1.0 - 1.5 m  
                  **Depth-** Avg = 5 - 10 cm    Max. = 10 - 15 cm

**WATER SOURCE:** Seep springs from the toe of the hill.

**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 n.w. shore of the lake) to the end of the pavement. This road then becomes the 9000 line. Continue on the 9000 another 6.0 miles (going past junctions with the 9300 & 6000 lines) until coming to a new (c. 1990) concrete bridge. Continue on the 9000 about 0.5 miles until the mainline makes a hard left at the junction with the 9500 (Beaver's Corner). Continue on the 9000 (traveling s.w.) for another 2.5 miles to the junction with the 9000.6. Turn right (north) onto the 9000.6 and proceed about 0.1 mi. to a bridge that crosses the East Fork. Park here and walk upstream about 975 m (about 0.6 mile) to an alder flat on the right bank. ED-R5-06 runs along the back edge of this flat.

**FISH ACCESS AND CURRENT USE:** Very limited. May be accessible during floods. If fish make it into the channel there is probably enough reliable rearing habitat available to sustain a small population through -out the winter.

**FLOODING POTENTIAL:** Low to moderate.

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

**COMMENTS & RECOMMENDATIONS:** ED-R5-06 is very similar in size and appearance to ED-R5-04. It lies in a well vegetated depression that appears to be an ancient channel or side channel of the river. The present river channel has degraded well below ED-R5-06.

ED-R5-06 enters the East Fork Dickey on the outside of a small bend and just upstream of a woody debris pile. The water velocity of the river here is fairly fast. The woody debris pile does tend to slow the water somewhat.

(Continued on next page)

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**COMMENTS & RECOMMENDATIONS:** (Continued)

Water cascades in the lower 4 to 5 m reach of ED-R5-06 dropping some 1 to 1.5 meters in elevation. Above this cascade, the gradient is gentle to flat as the channel runs along the back of the alder flat.

In the middle and upper reaches of ED-R5-06 the channel is separated from the river bank by anywhere from 30 to 80 m. A fairly significant, berm between the channel and the river appears to protect ED-R5-06 from severe flooding. This berm, which has not recently been overtopped, supports a heavy stand of medium to large sized alder. The higher ground along the right bank of the channel supports thirty to forty year old conifer. Slough sedge is prevalent in the channel.

The uppermost seep springs occur about 95 m above the mouth of ED-R5-06. A shallow, muddy depression can be followed another 20 m beyond this upper spring before the channel becomes undefined.

There is no machine access to this site. It may be possible to do a small rearing habitat enhancement project here with hand tools and/or explosives.

**DATE:** 2/5/92

**OBSERVER:** Young

Flow in ED-R5-06 was estimated at 5 to 10 gal/min and water temp was at 8° C. The water temp in the East Fork Dickey was at 7.5° C.

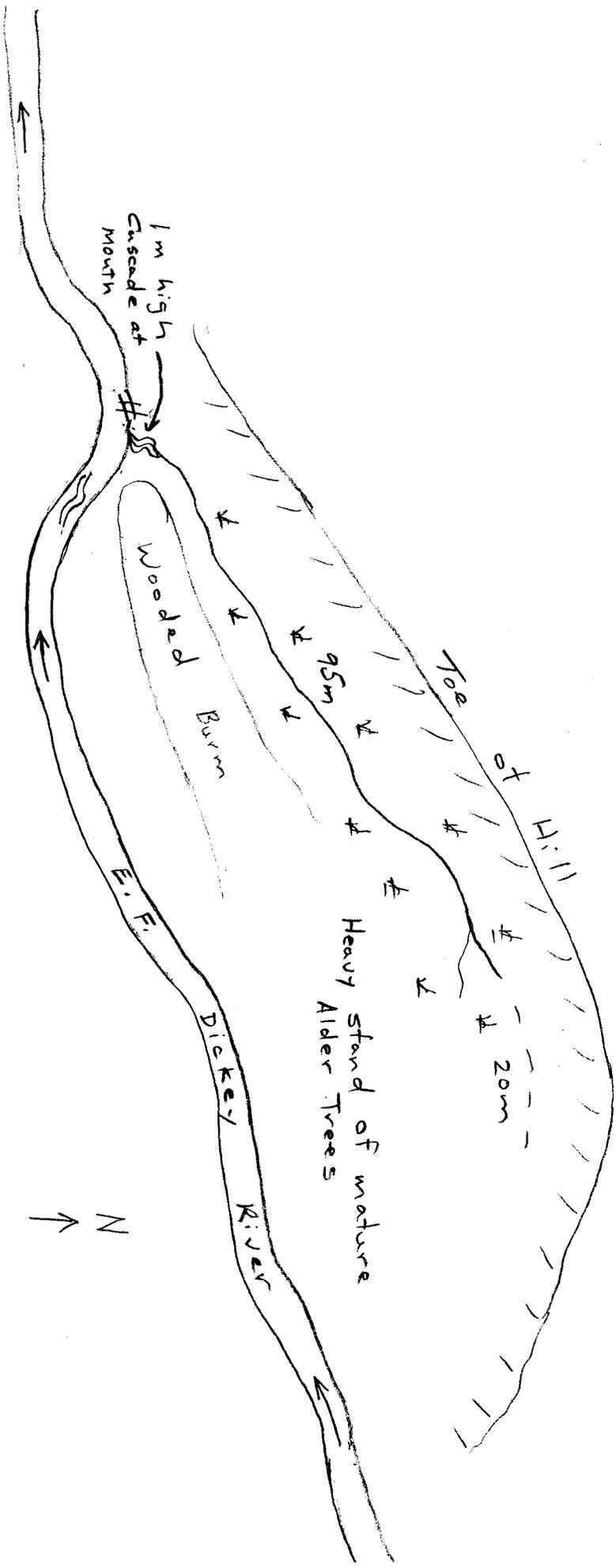
**DATE:** 5/29/92

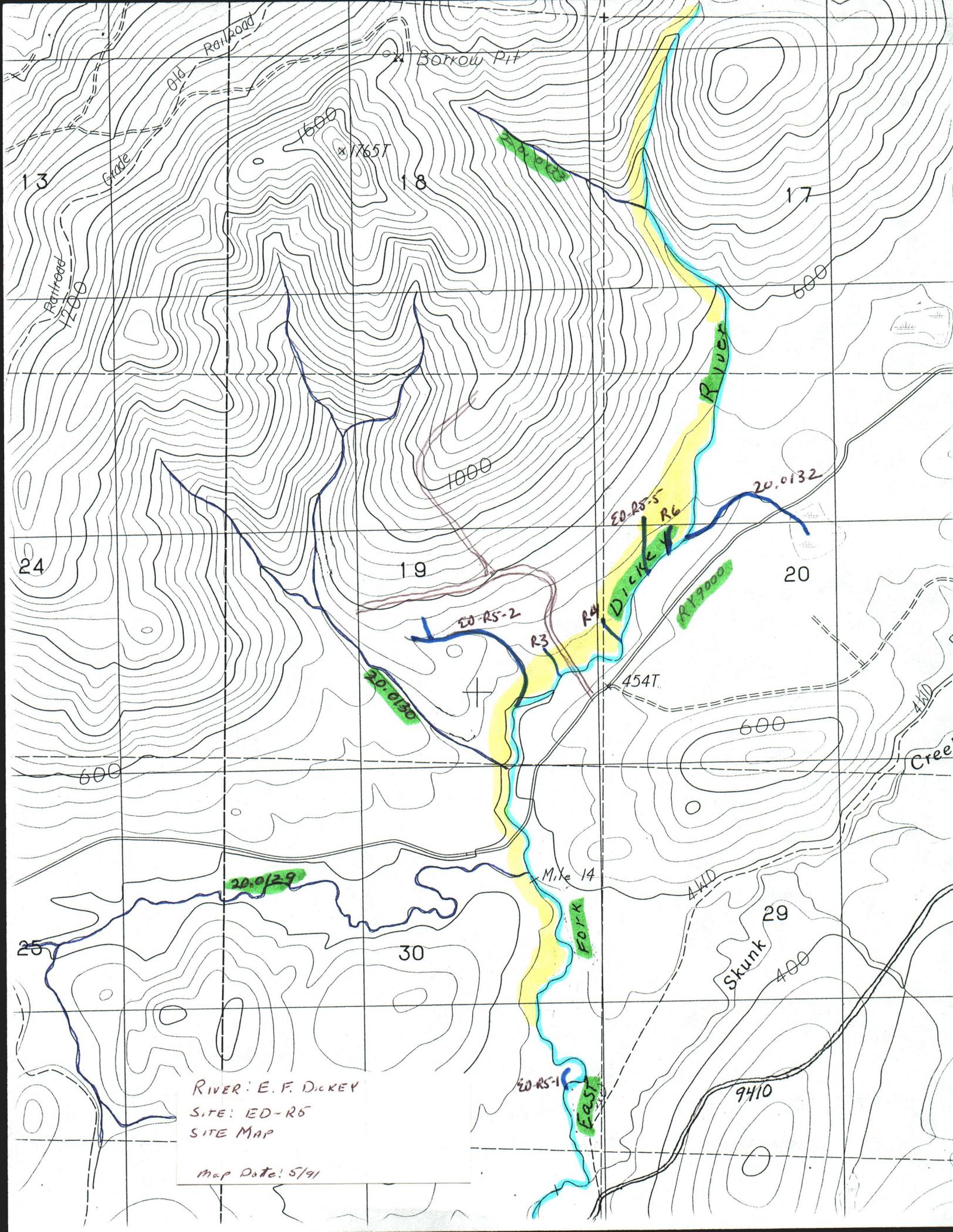
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These observations were made during an unusually long period of dry weather. Rainfall for the month is well below average. This could possibly be the driest May on record.

The upper half of ED-R5-06 was dry. A trickle of water at 48° F was seen flowing in the lower half of the channel. Flow in the East Fork was 2 to 3 cfs and the water was between 50° and 51° F.

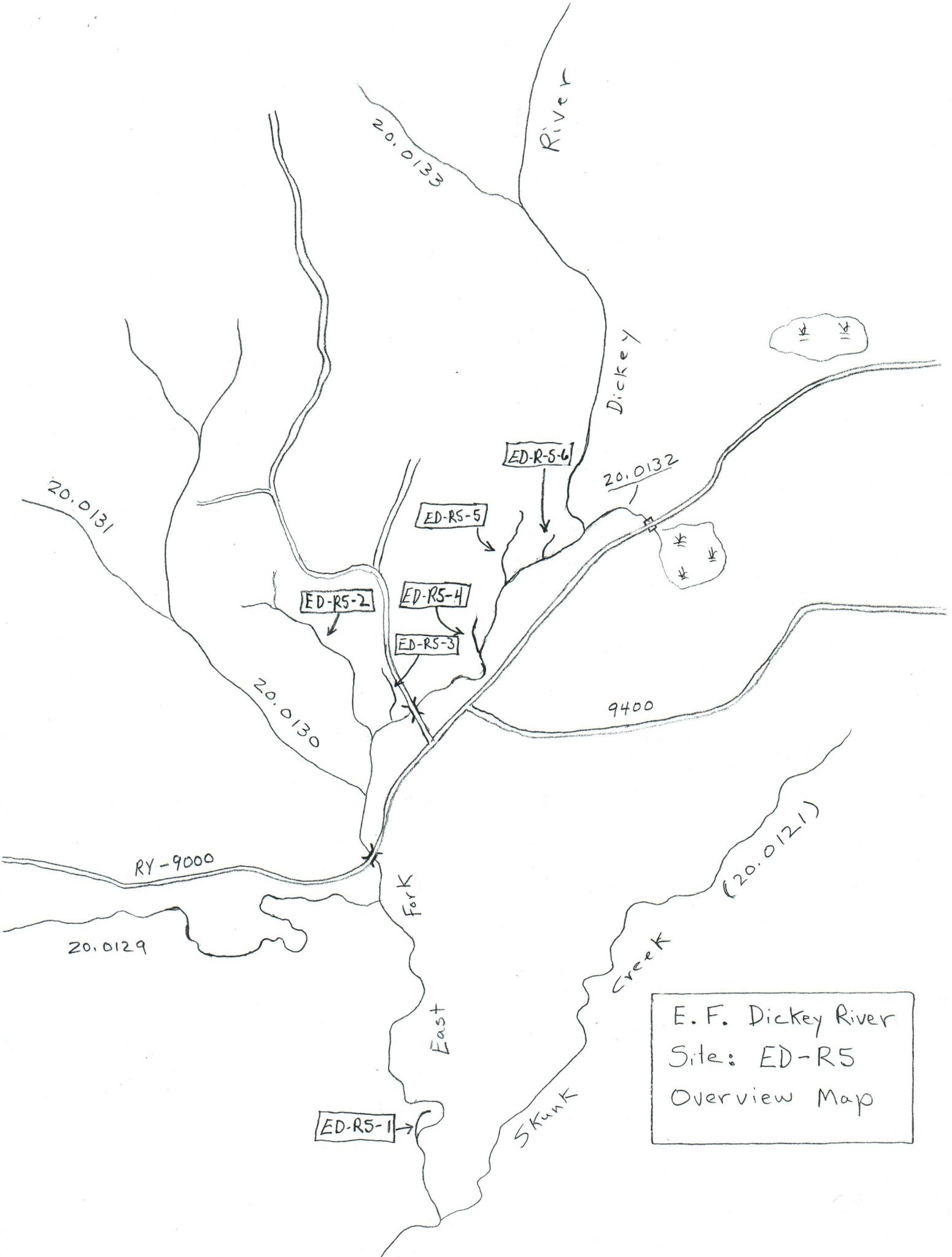
River: E. F. Dickey  
Area: ED-R5  
Site: ED-R5-6  
Name: Alder Flat Springs





RIVER: E. F. DICKEY  
SITE: ED-R5  
SITE MAP

Map Date: 5/91



E. F. Dickey River  
Site: ED-R5  
Overview Map