

**SITE NUMBER:** ED-R5-05  
**LOCAL NAME:** Frog Creek  
**WRIA:** 20.0131E

**NORTH COAST OFF CHANNEL SITE INVENTORY DATA**

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

**CHANNEL TYPE:** A small, spring-fed valley wall tributary.

**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>	5.5° C	5.5° C	5.5° C
<b><u>FLOW (CFS):</u></b>	≤ 0.25	0.25 - 0.5	

**SUBSTRATE TYPE:** Gravel, cobble and clay in the lower 80 m reach. Remainder was mostly clay, silt and mud with a few patches of gravel.

**SITE SIZE:**    **Length-** 180 m (mouth to large beaver dam)  
                  **Width-** Surface = 1.5 to 2.5 m (8 to 9 m at beaver pond)  
                                  Channel = 1.5 to 3.0 m  
                  **Depth-** Avg = 5 to 10 cm    Max = 25 to 35 cm

**WATER SOURCE:** Small springs and run off from the steep, west slope of the E. F. Dickey valley.

**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.) another 2.5 mi. to the junction with the 9000.6. Turn right (north) onto the 9000.6 and proceed about 0.1 miles to a bridge that crosses the East Fork. Park here and walk upstream about 800 m (about 0.5 mile) to the mouth of channel ED-R5-05.

**FISH ACCESS AND CURRENT USE:** Good entrance conditions and a gentle gradient in the lower 50 m reach should permit some winter rearing to occur here. Steeper gradient, woody debris and a beaver dam greatly restrict access above this lower reach. May also provide summer rearing.

**FLOODING POTENTIAL:** Low.

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

**COMMENTS & RECOMMENDATIONS:** The water feeding this small tributary originates on the steep hillside to the west of the E. F. Dickey. Only the lower 100 to 180 m reach appears to offer much potential for habitat enhancement. Current use is probably limited to the lower 50 to 100 m reach. Pool habitat in this reach is sparse.

(Continued on next page)

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(continued)

**COMMENTS & RECOMMENDATIONS:**(Continued)

ED-R5-05 enters the E. F. Dickey at a perpendicular angle. Water flows into a small pool situated just downstream of a riffle. The gradient at the mouth of the channel is flat to gentle. An LOD pile along the right bank of the river, and just upstream of ED-R5-05, appears to protect the mouth. Entrance conditions for juvenile salmonids appear to be good.

The lower 100 m reach of ED-R5-05 maintains a gentle to moderate gradient. The channel along the lower half of this reach is slightly incised. Woody debris becomes prevalent near the upper end of this reach.

About 100 m above the mouth is a major blockage. Debris at this point causes the channel to split. Water cascades around and through this debris blockage. The gradient of the channel also appears to increase slightly here.

About 70 m further upstream is an old inactive beaver dam "dike". This relatively long dam creates a wide, shallow "frog pond". The dam appears impassible at present flows. The survey was terminated at this dam.

Machine access to this site would be difficult. Any habitat enhancements would probably be done with hand labor. Such projects would probably be limited to debris removal and installation of control structures to increase available pool habitat.

**DATE:** 5/29/92

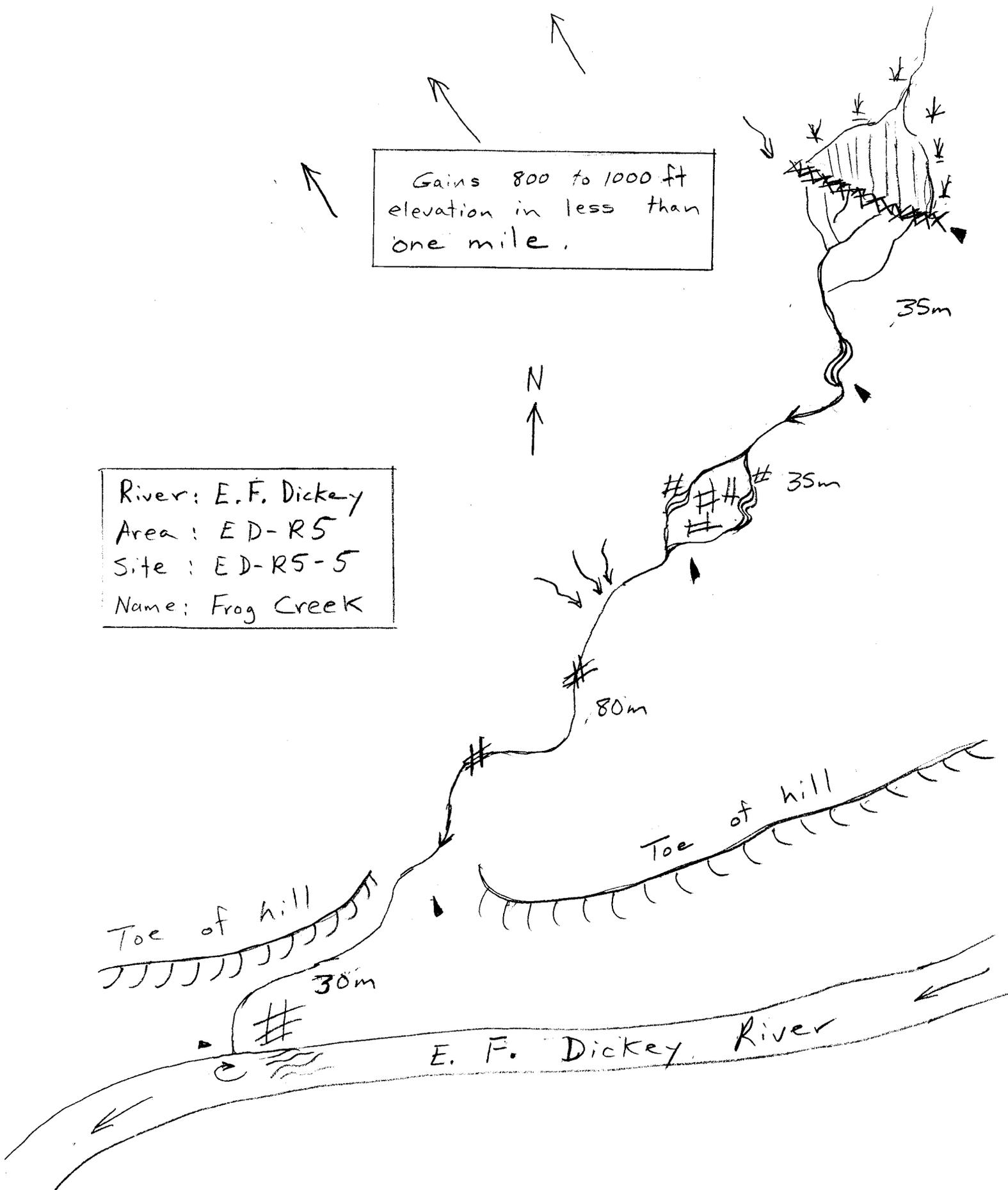
**OBSERVER:** Young

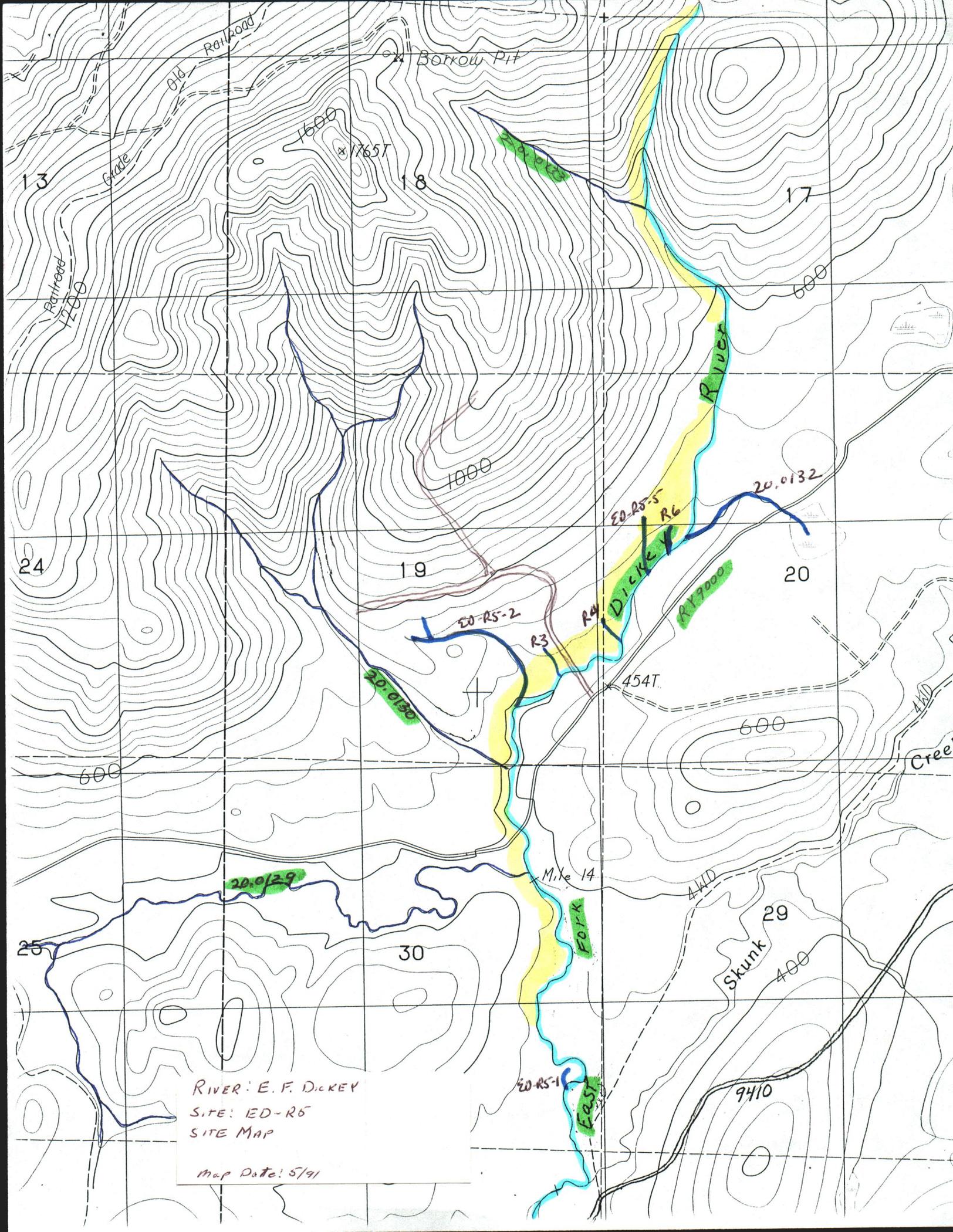
These observations were made during an unusually long period of dry weather. Rainfall for the month is well below average. This could possibly be the driest May on record.

Flow in ED-R5-05 was at 5 to 10 gal/min and the water temperature was at 50° F. Flow in the East Fork was 2 to 3 cfs and the water was at 51° F. One coho fry was seen in a small pool just above the mouth of ED-R5-05.

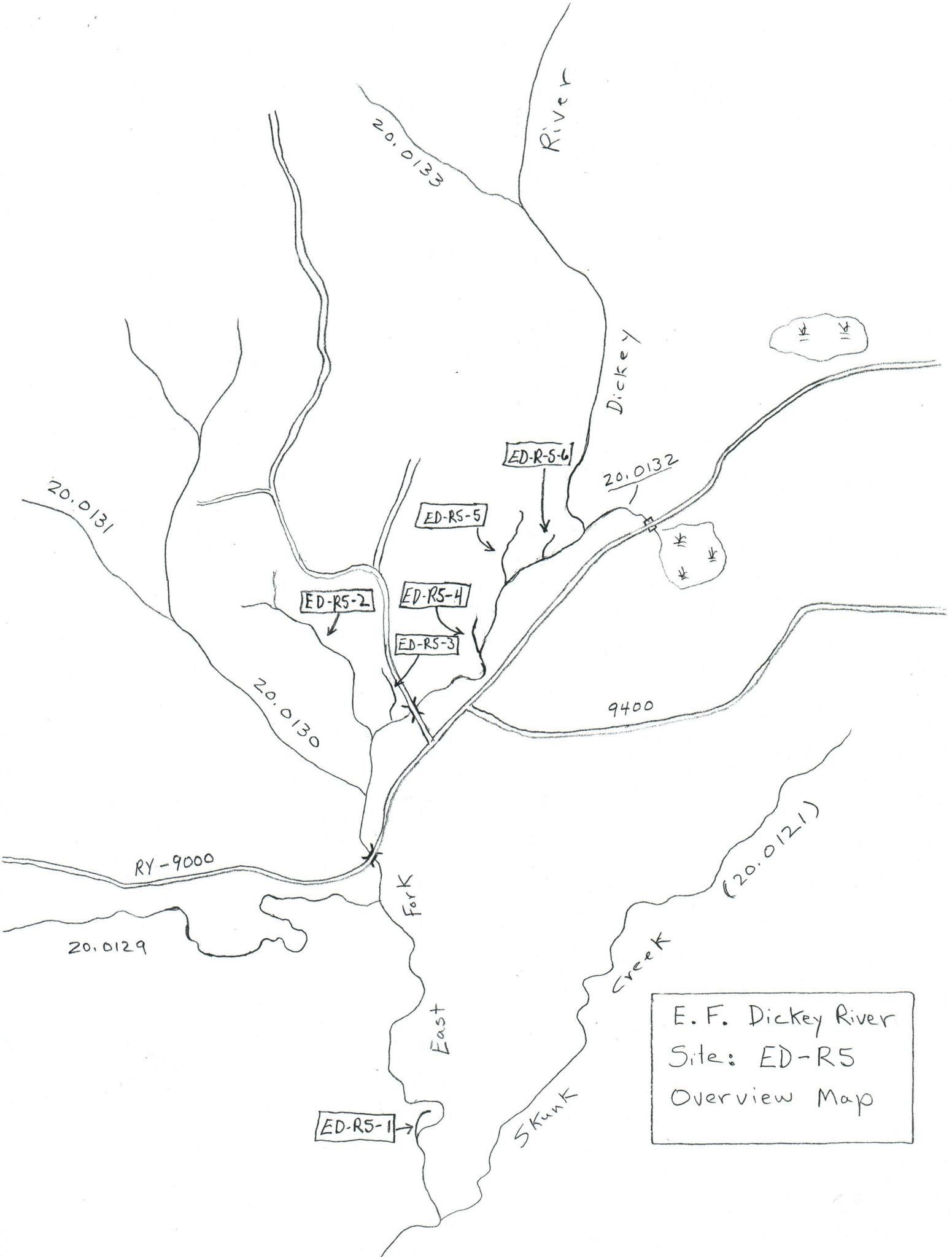
Gains 800 to 1000 ft elevation in less than one mile.

River: E. F. Dickey  
Area: ED-R5  
Site: ED-R5-5  
Name: Frog Creek





RIVER: E. F. DICKEY  
SITE: ED-RS  
SITE MAP  
Map Date: 5/91



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