Figure 6. Map showing the location of wells in the Appalachian basin where rock samples (cuttings) were collected from the Lower Silurian Cabot Head Shale, Castanea Member of the Tuscarora Formation, undivided carbonates and shales, Rochester Shale, and Rose Hill Formation; and the total organic carbon (TOC) values (in weight percent) derived from the samples.

EXPLANATION

Sample location with TOC values—TOC values are listed in descending stratigraphic order. See tables 1 and 2 for details.

TOC value between 0.20 and less than 0.50
TOC value between 0.50 and less than 1.00

Allegheny structural front

Thrust fault—Southwest on upper plate