

Plate 4.8.

Tug Fork cross section.
Chapter 4: Geologic Carbon Storage
(Sequestration) Potential in Kentucky

Northwest

E

Depth relative to sea level (ft)

Boyd Co. 75304 2356 2350 11665 Lawrence Co. 90998 50748 83097 Martin Co. 115976 45901 13288 32030 100771 Pike Co. 128265 104509 120104 105270 128384 126080

<4.23 mi>

<4.34 mi>

<5.09 mi>

<3.76 mi>

<7.78 mi>

<5.59 mi>

<6.09 m>

<3.89 mi>

<4.72 mi>

<3.89 mi>

<7.32 mi>

<3.46 mi>

<5.66 m>

<3.27 mi>

<5.90 mi>

<3.10 mi>

<2.27 mi>

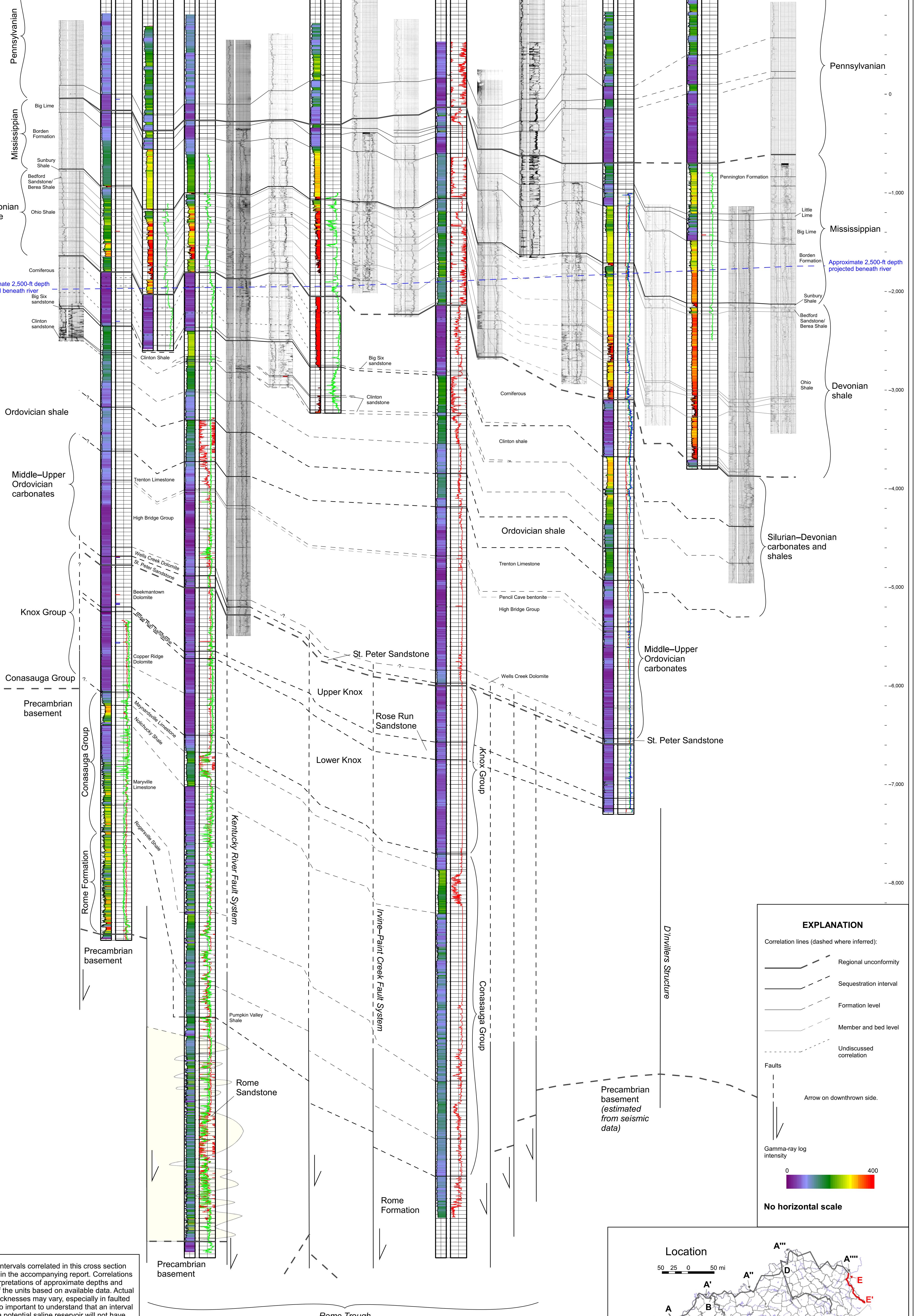
<3.08 mi>

<3.08 mi>

Southeast

E'

Depth relative to sea level (ft)



The rock unit intervals correlated in this cross section are described in the accompanying report. Correlations represent interpretations of approximate depths and thicknesses of the units based on available data. Actual depths and thicknesses may vary, especially in faulted areas. It is also important to understand that an interval described as a potential saline reservoir will not have characteristics that allow injection and carbon storage across the entire thickness shown. Potential storage will only be possible in much smaller zones of those intervals, as discussed in the accompanying report.