



- EXPLANATION**
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| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #e67e22; border: 1px solid black; margin-right: 5px;"></span> Hamilton Group in Pennsylvania (Dicken and others, 2005)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #9b59b6; border: 1px solid black; margin-right: 5px;"></span> Hamilton Group in Maryland (Dicken and others, 2005)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #34495e; border: 1px solid black; margin-right: 5px;"></span> Marcellus Shale in West Virginia (Nicholson and others, 2005); and Marcellus Shale and Needmore Shale, undifferentiated, in West Virginia (Nicholson and others, 2005)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #2e86c1; border: 1px solid black; margin-right: 5px;"></span> Millboro Shale in West Virginia (Nicholson and others, 2005)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #34495e; border: 1px solid black; margin-right: 5px;"></span> Millboro Shale and Needmore Shale, undifferentiated, in Virginia (Dicken and others, 2005)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #9b59b6; border: 1px solid black; margin-right: 5px;"></span> Marcellus Shale and Needmore Shale, undifferentiated, in Virginia (Dicken and others, 2005)</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid green; margin-right: 5px;"></span> Cross sections shown on plates 2 and 3</li> <li><span style="display: inline-block; width: 15px; height: 10px; border-bottom: 2px solid orange; margin-right: 5px;"></span> Outline of area of this study</li> </ul> | <p>Sample locations, keyed to stratigraphic unit</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #e67e22; border: 1px solid black; margin-right: 5px;"></span> Mahantango Formation</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #9b59b6; border: 1px solid black; margin-right: 5px;"></span> Harrell Shale</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #34495e; border: 1px solid black; margin-right: 5px;"></span> Marcellus Shale</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #2e86c1; border: 1px solid black; margin-right: 5px;"></span> Tioga Ash Bed</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #34495e; border: 1px solid black; margin-right: 5px;"></span> Needmore Shale</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #2e86c1; border: 1px solid black; margin-right: 5px;"></span> Mandata Formation</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #2e86c1; border: 1px solid black; margin-right: 5px;"></span> Keyser Limestone</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #34495e; border: 1px solid black; margin-right: 5px;"></span> Unknown</li> </ul> | <p>Total organic carbon (TOC) content, in weight percent.<br/>For samples US250-01 through -20 and YY99-8A through -8C, the range of values is shown.</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Sample not analyzed</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #e67e22; border: 1px solid black; margin-right: 5px;"></span> 0.00–0.99</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #2e86c1; border: 1px solid black; margin-right: 5px;"></span> 1.00–1.50</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #9b59b6; border: 1px solid black; margin-right: 5px;"></span> 1.51–3.00</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #34495e; border: 1px solid black; margin-right: 5px;"></span> 3.01–7.22</li> </ul> | <p><b>Plate 4.</b> Map of the study area showing the geographic distribution of Middle Devonian shales (modified from Dicken and others (2005) and Nicholson and others (2005)), locations of cross sections shown on plates 2 and 3, locations of samples collected for this study, and the total organic carbon content, in weight percent, of each sample.</p> |
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