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Generalized Geologic Map for Land-Use Planning: Wayne County, Kentucky

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### Generalized Geologic Map for Land-Use Planning: Wayne County, Kentucky

**Acknowledgments**

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Wayne County, Kentucky

Planning Objectives

- To provide a comprehensive understanding of the geologic, hydrologic, and environmental characteristics of the county
- To identify potential land-use areas and guide land-use planning

**Planning Guidance by Rock Unit Type**

<table>
<thead>
<tr>
<th>Rock Unit Type</th>
<th>Planning Guidelines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedimentary</td>
<td>Stability of slopes, erosion control, water resources management, agricultural suitability</td>
</tr>
<tr>
<td>Metamorphic</td>
<td>Structural integrity, potential for mining, aquifer recharge, recreation opportunities</td>
</tr>
<tr>
<td>Volcanic</td>
<td>Potential for geothermal energy, mineral deposits, volcaniclastic deposits</td>
</tr>
<tr>
<td>Igneous</td>
<td>Stability of slopes, erosion control, water resources management, agricultural suitability</td>
</tr>
</tbody>
</table>

**Geologic Map Details**

- Geologic mapping of Wayne County, Kentucky
- Color-coded for different rock units
- Legend for rock types and associated planning guidelines

**References**


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