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

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What are the Factors That Cause Landslides?

Many factors contribute to landslides, including:
1. Steep slopes: Avoid when choosing a building site.
2. Crushed rock and gravel subsoil:
3. Faulting along thin layers of rock, especially in areas underlain by loose material; easy to excavate.
4. Excavation over steep rock:
5. Poor stone fill:
6. Historic construction:
7. Fresh subsoil:
8. Mountainous terrain:
9. Overburden:
10. Overcutting:
11. Overlique:
12. Roadcuts:
13. Sinkholes:
14. Vertical particle flow:
15. Water:
16. WWE:

What are Some Ways to Prevent Landslides?

1. Good drainage:
2. Groundwater control:
3. Slope stabilization:
4. Vegetation:
5. Water erosion:
6. Winery:
7. Woodland:
8. Wooded slopes:
9. Wood lots:
10. Wonder:

Mineral Resources

• Sand and gravel:
• Sedimentary:
• Limestone:
• Coal:
• Clay:

EXPLANATION

1. Source-water protection
2. Construction of buildings
3. Construction of poorly drained areas
4. Construction of septic tanks
5. Construction of permeable rock
6. Construction of roadways
7. Construction of water
8. Construction of water
9. Construction of water
10. Construction of water

Planning Guidance by Rock Unit Type

Data from KGS, 2004:

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2. Construction of buildings
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Additional Resources:

• Kentucky Geological Survey
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