Karst Features of the Funkstown Quadrangle, Washington County, Maryland

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Scale 1:24,000

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Funkstown Quadrangle karst map

Explanation of Map Symbols

Legend

Cones and karst landforms

Cutlines

Faults

Groundwater flow lines

Groundwater recharge areas

Streamflow

Subsurface flow

Core samples

Karn Features

Funkstown Quadrangle, Washington County, Maryland

Features typical of karst regions include:

1. Sinkholes
2. Wetlands
3. caves
4. vertical shafts
5. surface springs
6. karst springs
7. sinkholes
8. depressions
9. depression springs
10. subsidence

Description of Map Units

Cherty Member

Sedimentary rocks, including chert, shale, sandstone, and claystone, form the primary bedrock of the region. This member is characterized by a thick accumulation of fine-grained sediments that provide a substrate for the development of karst features.

Concretionary Member

This member consists of sedimentary rocks with concretions, which are hard, rounded, or elongated masses of cemented material. These concretions are typically found in limestone and dolomite beds and are often associated with karst features.

Dissolution Member

Sedimentary rocks, including sandstone, siltstone, and shale, form the primary bedrock of the region. This member is characterized by a thick accumulation of fine-grained sediments that provide a substrate for the development of karst features.

Source

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