December 31, 2025

GeMS Transmittal Letter for the Geologic Map of the Maryland Portion of the Oakland Quadrangle, Garrett County, Maryland.

1. Full bibliographic citation for the published map.

Brezinski, D.K. and Kavage Adams, R., 2025. Geologic Map of the Maryland Portion of the Oakland Quadrangle, Garrett County, Maryland. Maryland Geological Survey, Quadrangle Geologic Map, OAKLA2025.1, scale 1:24,000.

1. URL to its NGMDB Product Description Page.

New mapping/publication, not yet listed in the NGMDB Map Catalog.

1. Is the GeMS database considered to be:

New mapping/publication, not yet listed in the NGMDB Map Catalog.

1. URL where users may access the GIS files from the State Survey site.

MGS publications page: <http://www.mgs.md.gov/publications/maps.html>

1. Indicate whether GeMS level One, Two, or Three

Level 3

1. High-resolution PDFs of published map and other oversize sheets.

PDF included in map folder.

1. High-resolution PDFs of published report or pamphlet accompanying the map.

N/A

1. Describe, in a sentence or two, any significant deviations from the full GeMS compliance as revealed by the GeMS Validate Database tool and the Geologic Names Check tool. If the deviation was necessary to address agency or science needs for this publication, please so indicate; this insight could help guide future GeMS development.

Deviations from the GeMS Level 3 database compliance are in the Validation check and from the Geolex Geologic namescheck. The field ObservedMapUnit\_Lith is used in the Stations feature class to document field-based observations of lithology.

The Geolex Geologic namescheck did not recognize several units’ extent in Maryland. These include the Glenshaw Formation, the Foreknobs Formation (with no Group affiliation), the Scherr Formation (with no Group affiliation), and the Parkhead Sandstone Member of the Foreknobs Formation.