December 31, 2025

GeMS Transmittal Letter for the Geologic Map of the Damascus Quadrangle, Carroll, Frederick, Howard and Montgomery Counties, Maryland.

1. Full bibliographic citation for the published map.

Kavage Adams, R., 2025. Geologic Map of the Damascus Quadrangle, Carroll, Frederick, Howard and Montgomery Counties, Maryland. Maryland Geological Survey, Quadrangle Geologic Map, DAMAS2025.1, 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 only in the Validation check GeMS tool. The table SamplePoints is a point feature class with information about samples taken for further analysis. This table includes the field FieldSampleID, which is a unique identifier for samples. This geodatabase also splits out OrientationPoints into two feature classes, one that is displayed on the PDF and contains a subset of points (OrientationPoints\_Display), and one that contains all points (OrientationPoints\_All). OrientationPointsAllID is an additional field in the OrientationPoints\_Display feature class, and acts as a foreign key to the OrientationPoints\_All feature class.