December 31, 2025

GeMS Transmittal Letter for the Geologic Map of the Maryland Portion of the Littlestown Quadrangle, Carroll County, Maryland.

1. Full bibliographic citation for the published map.

Brezinski, D.K., 2025. Geologic Map of the Maryland Portion of the Littlestown Quadrangle, Carroll County, Maryland. Maryland Geological Survey, Quadrangle Geologic Map, LITTL2025.1, 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 Validate Database Level 3 compliance are only from the Geolex Geologic Names Check. The Irishtown Member is recognized in Maryland within the New Oxford Formation as noted in Brezinski and Kavage Adams (2021). The Irishtown Member was elevated to a member-level stratigraphic unit in Weems, Tanner, and Lucas (2016). In this map, the Silver Run Limestone is mapped as a subunit of the slaty phyllite subunit of the Ijamsville Formation. The slaty phyllite subunit is partially equivalent to the Silver Run Limestone (srl) of Fisher (1978) and Sams Creek Silver Run Limestone (CZscsr) of Reger et al. (2004) in the New Windsor quadrangle, and the Silver Run Limestone of the Marburg Formation (mfs) of Edwards (1986) and Silver Run Limestone of the Sams Creek Formation (CZscsr) of Reger and Edwards (2006).