National Geologic Map Database

U.S. Geological Survey

Reston, Virginia 20192

TRANSMITTAL LETTER

Please find in the accompanying zip file all the required components for a GeMS database submission for the **Surficial Geologic Map and Cross-Sections of the Newport Center 7.5 Minute Quadrangle, Vermont** map. This submission meets a portion of the deliverable requirements for our FY2023 STATEMAP project, Agreement # G23AC00462.

The GeMS .zip file can be downloaded from the Vermont Geological Survey at <https://dec.vermont.gov/geological-survey/publications-gis/open-file-reports>.

This GeMS submission has been validated as Level 3 Compliant. There are no significant deviations from full compliance. Please note that no NGMDB Geolex IDs are associated with surficial geologic units in Vermont. Vermont surficial geologic nomenclature is derived from the Vermont Geological Survey Surficial Mapping Standards that were established in 2018, in accordance with USGS GeoMaterials Vocabulary.

The map for this GeMS submission is published as:

**Wright, S.F., 2025, Surficial Geologic Map and Cross-Sections of the Newport Center 7.5 Minute Quadrangle, Vermont: Vermont Geological Survey Open File Report VG2025-1, 1:24,000-Scale.**

This GeMS database should also be linked to:

**Wright, S.F., 2025, Surficial Geologic Map of the Newport and Newport Center Quadrangles, Vermont: Vermont Geological Survey Open File Report VG2025-2B, 1:24,000-Scale.**

The map is downloadable from:

<https://dec.vermont.gov/geological-survey/publications-gis/open-file-reports>

and has NGMDB reference pages <https://ngmdb.usgs.gov/Prodesc/proddesc_118553.htm> and <https://ngmdb.usgs.gov/Prodesc/proddesc_118556.htm>

This GeMS database submission is supplemental to the currently published maps. The original map has not been superseded by the Vermont Geological Survey.

Sincerely,

A black and white drawing of a person's face

Description automatically generated with low confidence

Ben DeJong, Ph.D.

State Geologist, Vermont Geological Survey