13 Decemeber 2022

National Geologic Map Database

U.S. Geological Survey

Reston, Viriginia 20192

TRANSMITTAL LETTER

Please find in the accomapnying zip file all the required components for a GeMS database submission for the **Geologic map of the Madison quadrangle, Madison, Rankin, and Hinds Counties, Mississippi**. This submission satisifies FY 2020 USGS STATEMAP No. G20AS00006 Map to be converted to level 3 GeMS database submission requirement.

The ZIP file can be downloaded from at no cost from the Mississippi Office of Geology at <https://www.mdeq.ms.gov/geology/work-areas/publications-and-map-sales/categories/open-file-reports/of-148-geologic-map-of-the-madison-quadrangle-madison-rankin-and-hinds-counties-mississippi-53517/>

This GeMS submission has been validated as **Level 3** compliant using tools available in the GeMS toolkit downloaded from the USGS.

The map for this GeMS submission is published as:

**Leard, J.R., & Thompson, D.E., 2019, Geologic Map of the Madison Quadrangle, Madison, Rankin, and Hinds Counties, Mississippi. Mississippi Office of Geology Open-File Report OF-148. Jackson, Mississippi. Scale 1:24000, 1 sheet.**

This map is downloadable from <https://www.mdeq.ms.gov/geology/work-areas/publications-and-map-sales/categories/open-file-reports/of-148-geologic-map-of-the-madison-quadrangle-madison-rankin-and-hinds-counties-mississippi-53517/> and a reference has already been submmitted to NGMDB at <https://ngmdb.usgs.gov/Prodesc/proddesc_109553.htm>. This GeMS database submission is supplemental to the currently publihsed map. The data in this GeMS database is the official interpretation of the Mississippi Geological Survey.

Please contact me if you have any questions.

Letter

Description automatically generatedSincerely,

Jonathan R. Leard, RPG

Geologist, Mississippi Geological Survey