bedrock is poorly exposed.

deposits of sediment, and land use.

2021-12, 1:250,000-scale map

CARBONATE BEDROCK IN VIRGINIA Compiled by Matthew J. Heller Carbonate bedrock **NOTES** Mixed carbonate and non-carbonate bedrock The carbonate bedrock areas shown are compiled from 1:24,000- to 1:250,000-scale geologic maps (Witt and others, 2021). The source geologic maps are primary references for the distribution and characteristics of carbonate bedrock, and may be located using the National Geologic Map Database, https://ngmdb.usgs.gov/ngmdb/ngmdb_home.html and Minor carbonate bedrock Virginia Energy's Find My Map tool located at https://vadmme.maps.arcgis.com/apps/ InformationLookup/index.html?appid=5a26b4feea034a5dbc8353740222f0d8 User should assume accuracy is not better than +/- 25 meters for bedrock boundaries. Accuracy may exceed +/- 250 meters, especially where detailed mapping is not available or Wherever cemented carbonate rocks are present, solutional conduits capable of conveying water in turbulent flows through the rock may be present. The degree of karst development in carbonate bedrock areas is variable and influenced by the composition, texture, and orientation of the bedrock, geologic structures such as folds, faults, and fractures, topographic position, water movement and storage, the presence or absence of overlying county/city/town boundary SOURCE federal/state highway Witt, A.C., Heller, M.J., Occhi, M.E., Spears, D.B., Lang, K.E., Berquist, C.R. Jr., and Prince, P.S., editors, 2021, Statewide Geologic Map Database of Virginia: Virginia Department of Energy, Geology and Mineral Resources Program, Open-file Report state/county road Scale 1: 250,000