IV. Hot dry rock, especially radioactive granites beneath sediments

Geothermal resources previously studied in the Appalachian Basin include Boreholes >1000 feet with Geophysical Logs

Geothermal energy is a clean, reliable, and renewable energy. The heat energy is contained requiring the addition of water, potentially nationwide at depths

Base map from 1:500,000 scale Geologic Map of Virginia

The Virginia Division of Geology and Mineral Resources (VGSM) participates in the National Geothermal Data System (NGDS), a U.S. Department of Energy funded distributed network of databases for the acquisition, management, and maintenance of geothermal and related data. Through a DFA grant that is administered by the National Geothermal Survey (NPS-Virginia Department of Mines, Minerals, and Energy (VGSM) and the USGS). The ALG Division of Geology and Mineral Resources provides geothermal and related data that is interoperable and serves the NGDS by creating a national sustainable, distributed, interoperable network of geothermal data that is accessible in a single system.

Selected Wells with Geophysical Logs in Maryland

Selected Wells with Geophysical Logs in Delaware

Selected Wells with Geophysical Logs in Virginia

References


