

GENERAL INFORMATION	
Parameter name	Karstified zones
Name of the layer in EGDI Map Viewer	Potentially karstified zones, Cork
Original name of the layer in the GeoPackage uploaded to EGDI database	PP07_GSI_karstified-zones.shp
Category	<a href="#">Limitation of use</a>
Definition	<a href="#">Areas with rocks susceptible to karstification</a>
Harmonized unit	none
Relevance for shallow geothermal energy	Areas with rocks susceptible to karstification, which may restrict or difficult the installation of shallow geothermal energy systems
Data type	Discrete labels
Data format	vector: polygon
Projection	EPSG: 3034
Dataset selected for pilot area	Cork, Prague

ATTRIBUTES	
Natural_Geomorphologic_Feature_Type 1.	Discrete data classes based on a joint legend:  <a href="#">karst and chemical weathering features</a>
Natural_Geomorphologic_Feature_Type_URI	Link to definitions, e.g., INSPIRE, project vocabulary, etc.
linkdataurl	Link to data or additional information about the data, e.g., link to national databases (text)
remark	Free text for additional information (text)
repositoryurl	Link to this factsheet (text)

DATA SOURCE	
Pilot area	Cork
Data source	<a href="https://www.gsi.ie/en-ie/data-and-maps/Pages/Bedrock.aspx#50k">https://www.gsi.ie/en-ie/data-and-maps/Pages/Bedrock.aspx#50k</a> <a href="https://www.gsi.ie/en-ie/data-and-maps/Pages/Groundwater.aspx#KarstFeatures">https://www.gsi.ie/en-ie/data-and-maps/Pages/Groundwater.aspx#KarstFeatures</a>
Contact data owner	<a href="mailto:taly.hunterwilliams@gsi.ie">taly.hunterwilliams@gsi.ie</a>
Last Update	02/11/2020

Explanatory text English
Bedrock is the solid rock at or below the land surface. Over much of Ireland, the bedrock is covered by materials such as soil and gravel. The Bedrock maps shows what the land surface would be made up of if these materials were removed. As the bedrock is commonly covered, bedrock maps are an interpretation of the available data.

To produce these datasets, the bedrock geology 1:100,000 map was used as a base. Historical information was compiled from mineral exploration reports and old geology maps. This new information was used to re-interpret the geology at a scale of 1:50,000.

This is NOT a comprehensive file of Cork city bedrock geology. Only karstified areas are shown. Please follow provided data source URL or contact the Geological Survey Ireland for more information.

Data coordinate reference system reprojected from EPSG:2157 – IRENET 95 / Irish Transverse Mercator to EPSG:3034 - ETRS89-extended / LCC Europe.