

GENERAL PART – DO NOT EDIT	
Parameter name	Net aquifer thickness
Name of the layer in EGD Map Viewer	Net thickness of sand and gravel aquifers, Cork
Original name of the layer uploaded to EGD database	PP07_GSI_aquifer_thickness_gravel
Category	Resources for open-loop systems
Definition	Water saturated thickness of a groundwater body
Harmonized unit	meters
Relevance for shallow geothermal energy	Thickness of groundwater bodies relevant for shallow geothermal energy installations
Data type	Continuous data layer
Data format	raster
Projection	EPSG: 3034
Dataset selected for pilot area	Cardiff, Cork , Aarhus, Zaragoza, Girona

ATTRIBUTES – DO NOT EDIT	
Unit	m

INDIVIDUAL PART – PLEASE EDIT	
Pilot area	Cork
Data source	3D geological model of quaternary deposits developed by the Geological Survey Ireland (GSI); and sand and gravel reports and datasets produced by the GSI.
Contact data owner	taly.hunterwilliams@gsi.ie
Last Update	12/05/2021

Explanatory text English
<p>Net aquifer thickness – sand and gravel aquifers, Cork. This dataset contains a record of net aquifer thickness for the regionally important sand and gravel aquifers in the Cork pilot area. The data are derived primarily from two sources: (1) 3D geological model of quaternary deposits in Cork City developed by the Geological Survey Ireland (GSI); and (2) sand and gravel reports and datasets produced by the GSI Groundwater 3D team.</p> <p>N.B. The Geological Survey Ireland qualifies a sand and gravel body as an aquifer when it has a saturated thickness of at least 5 m. Therefore, the raster file which delineates the sand and gravel body in this dataset has a minimum thickness of 5 m.</p> <p>DISCLAIMER The Geological Survey Ireland makes no representations, warranties, or undertakings about any of the information provided on these maps including, without limitation, their accuracy, their completeness or their quality or fitness for any particular purpose.</p> <p>Data coordinate reference system reprojected from EPSG:2157 – IRENET 95 / Irish Transverse Mercator to EPSG:3034 - ETRS89-extended / LCC Europe.</p>