

GENERAL INFORMATION	
Parameter name	<b>Thermal conductivity of hard rock samples</b>
Name of the layer in EGD Map Viewer	Thermal conductivity of hard rock samples, Cork
Original name of the layer uploaded to EGD database	PP07_GSI_thermal_conduct.shp
Category	Field measurements
INSPIRE definition	N/A – Labels' definitions available in MUSE project vocabulary
Harmonized unit	yes
Description	Measured thermal conductivity of hard rock samples
Data type	Continuous dataset
Data format	vector: polygons
Projection	EPSG: 3034
Dataset selected for pilot area	Cardiff, Bratislava, <b>Cork</b>

ATTRIBUTES	
Unit	W/m/K
linkdataurl	Link to linked data; e.g., Link to national database (text)
Remark	Free text for additional information (text)
repositoryurl	Link to document in EGD repository; e.g., this factsheet.  This field will be filled out with an URI automatically generated when uploading the pertinent documents to EGD document repository. Hence, this field will be filled out after those documents have been uploaded.
metadataurl	Links to EGD metadata catalogue.  This field will be filled out with an URI automatically generated when uploading the pertinent metadata to EGD metadata catalogue. Hence, this field will be filled out after the metadata of this parameter has been created.

DATA SOURCE	
Pilot area	Cork
Data source	Long <i>et al.</i> 2018
Contact data owner	<a href="mailto:mike.long@ucd.ie">mike.long@ucd.ie</a>
Last Update	16/07/2021

Explanatory text English
Thermal conductivity of hard rock samples. This dataset contains a record of thermal conductivity of hard rock in the Cork pilot area. Representative values from Long <i>et al.</i> (2018) have been assigned to the rocks in the Cork pilot area due to a lack of available field data from the pilot area.

#### 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.

#### REFERENCE

Long, M., Murray, S. and Pasquali, R. 2018. Thermal conductivity of Irish rocks. *Irish Journal of Earth Sciences (IJES)*. Royal Irish Academy (RIA) Vol. 38, pp 63-80.

doi: <https://doi.org/10.3318/IJES.2018.36.63>