GENERAL INFORMATION	
Parameter name	**Average interval bulk thermal conductivity**
Name of the layer in EGDI Map Viewer	Average interval bulk thermal conductivity, Linköping
Original name of the layer uploaded to EGDI database	PP11_SGU_ therm_cond
Category	Resources for closed-loop systems
Definition	The ability of the ground to conduct heat within a given depth interval as an average value.
Harmonized unit	W/m/K
Depth interval	0 – 100 m
Relevance for shallow geothermal energy	Average thermal conductivity (including unsaturated zone) for a specific depth interval not accounting for advective effects caused by groundwater.
Data type	Continuous data layer
Data format	raster
Grid size	100 m
Projection	EPSG: 3034
Dataset selected for pilot area	Bratislava, Vienna, Ljubljana, Zaragoza, Brussels, **Linköping**

ATTRIBUTES	
Unit	W/m/K

DATA SOURCE	
Pilot area	Linköping
Data source	Proprietary product generated for this study at SGU (https://www.sgu.se). Not publicly available.
Contact data owner	sgu@sgu.se mikael.erlstrom@sgu.se
Last Update	27/08/2019

Explanatory text English
Bulk thermal conductivities for the bedrock surface. The map is based on thermal conductivities calculated from modal analysis and the bedrock geology map. Note that there is significant uncertainty in the thermal conductivities specified in the map, which is of the order of +/- 1.5 W/m/K.

Explanatory text national language	
Language	Swedish
Kartan illustrerar en modell av berggrundens termiska ledningsförmåga baserat på modalanalyser av representativa bergarter. SGUs berggrundsgeologiska karta utgör underlag till kartan och	

bedömningen av de termiska egenskaperna. Observera att indelningen är baserad en bedömning av enskilda prov och att det inom varje bergartsområde finns en osäkerhet på +/1,5 W/mK.