

GENERAL INFORMATION	
Parameter name	Groundwater protection
Name of the layer in EGDl Map Viewer	Groundwater protection, Prague
Original name of the layer in the GeoPackage uploaded to EGDl database	PP05_CGS_gw_protection
Category	Limitation of use
Definition	Areas dedicated to drinking water or curative water supply, which might limit the use of shallow geothermal energy.
Harmonized unit	none
Relevance for shallow geothermal energy	Areas where the installation of shallow geothermal systems is restricted or prohibited due to the use of the groundwater for drinking or curative water supply.
Data type	Discrete labels
Data format	vector: regions
Projection	EPSG: 3034
Dataset selected for pilot area	Linköping, Bratislava, Vienna, Zagreb, Prague , Aarhus, Ljubljana, Brussels, Warsaw

ATTRIBUTES	
Restriction_type	Discrete data classes based on a joint legend:
1.	No restrictions to the use of shallow geothermal energy
2.	Potentially restricted use of shallow geothermal energy
3.	Protected area unsuitable for shallow geothermal energy use
0.	No data available
linkdataurl	Link to data or additional information about the data; e.g., national database
remark	Free text containing additional information about the data
repositoryurl	Link to this document

DATA SOURCE	
Pilot area	Prague
Data source	T. G. Masaryk Water Research Institute, Public Research Institution (https://heis.vuv.cz/default.asp?lang=en)
Contact data owner	info@vuv.cz
Last Update	jaroslav.rihosek@geology.cz 27/01/2021

Explanatory text English

Correlations to groundwater protection zones according to Czech § 30 Water Law (http://eagri.cz/public/web/file/10629/The_Water_Act.pdf) are as follow:

No restrictions to the use of shallow geothermal corresponds to area without defined groundwater protection.

Potentially restricted use of shallow geothermal energy corresponds to Water Law protection zone of degree II.

Protected area unsuitable for shallow geothermal use corresponds to Water Law protection zone of degree I.

More information about protection zones can be found at webpage of Ministry of Environment of CZE: https://www.mzp.cz/cz/ochranna_pasma_vodnich_zdroju (CZ only)

Explanatory text national language

Language

Czech

Odpovídá ochranným pásmům vodních zdrojů podle § 30 vodního zákona.

Oblast bez omezení využívání mělké geotermální energie nemá definována ochranná pásma.

Oblasti potenciálně omezeného využívání mělké geotermální energie odpovídají ochrannému pásmu II. stupně.

Chráněné oblasti nevhodné pro využívání mělké geotermální energie odpovídají ochrannému pásmu I. stupně.