

## SUMMARY

### Geology and palaeogeography of Kartena environs /KARTENA

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In the vicinities of Kartena Township the local inhabitants many years since had connection with geological environment, in particular providing building materials, drinking groundwater from springs and wells. Some geological objects were mythologized, used for cult, defensive and other needs. The district is characterized by the structure of the Earth's crust: all geological layers of our planet from the crystal basement at the depths of 2 km, stratified layers of different rocks with fossils of ancient organisms in Cambrian, Ordovician, Silurian, Devonian, Permian, Triassic, Jurassic, Cretaceous and Quaternary periods. The tectonic structure, with small deposits of petroleum and gas, is very complex. Larger resources of geothermal energy and drinking groundwater are known. The terrestrial surface, which is a consequence of last glacier activity, comprising effects of melted waters, present rivers and other geological factors, contains small deposits of peat, gravel and sand.