

The submitted Thesis is a summary of all the available information on Carlsbad mineral springs. The thesis is divided into three main parts. The first part, considers the general geological proportions of western Bohemia, thoroughly examines the regional geology and describes the formation of the landscape from a stratigraphic perspective since the Proterozoic Era. Furthermore it considers the origin and composition of the mineral springs, which form the subsoil in Carlsbad, i.e. Thermal springs plate. The second part solely describes the individual springs as they are. It resolves around their composition, history, locality, temperature and discharge. The last part is dedicated to the historical and present treatment methods, which are practiced in Carlsbad, through the healing effects of the springs on the human organism and their ability to influence individual organs. The goal of this Thesis was to compile the available information and point to the fact that the mineral springs of Carlsbad can be beneficial for a human in many ways.