

Abstract:

The study discusses groundwater sapping erosion, which is a process looked at from various points of view. In small scale it observes the difference between sapping drainage network and network formed by surface runoff. Further forms of sapping weathering are described and examples of sapping valleys from different places around the world are mentioned. Partially mentioned is actual knowledge in evolution of deep incised valleys on the Mars surface, which are obviously also formed partly by sapping. In the second part, the study describes some experiments focused on evolution of sapping valleys in a laboratory environment.