Geophysical Reconnaissance of Housing Area in Klebang and Sinkhole Occurrences in Jeram, West Malaysia

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Abstracts

Geophysical reconnaissance in two areas of different landuse has been carried out. Housing area in Klebang and Jeram shows some degree of difference of subsurface morphology. Subsurface karst in Klebang shows rather undulating limestone platforms while many cavities believed to be water conduits appear in Jeram. A rapid increase of sinkholes occurrences were reported after the disastrous 26th Dec. 2004 earthquake in Sumatera. Many cavities are present here are only covered by thin layers of loose sands and clay materials. These cavities are thought to be pre-existing features that had been rapidly filled with sand/clay, due to the tremor triggered by the earthquake.