

Quarterly Journal of Engineering Geology and Hydrogeology

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Cover Photograph. The photograph is of the River Leen, Nottingham (UK). The river is underlain by Permo-Triassic strata, comprising the Sherwood Sandstone and Cadeby Formation (Magnesian Limestone) aquifers. These aquifers in turn confine the Carboniferous Coal Measures at depth. Historic deep mining of the Coal Measures result in collapse around the abandoned working and subsidence of the overlying strata. This has resulted in tensional fractures within the overlying aquifers extending on occasion to the ground surface, as seen here in the bed of the river. The photograph illustrates surface water losses to aquifers that occur due to subsidence related fractures. Further details of similar fractures in stream beds are presented in Shepley *et al.* (2008) [QJEGH, 41(3)]. Photograph courtesy of John Newham, Environment Agency, © Environment Agency 2000.