

# Quarterly Journal of Engineering Geology and Hydrogeology

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*Quarterly Journal of Engineering Geology and Hydrogeology* (ISSN 1470-9236) is published in February, May, August and November by the Geological Society Publishing House for the Geological Society, London. The Geological Society, Burlington House, Piccadilly, London W1V 0JU.

**Subscription rates 2009 (volume 42, 4 parts).** All correspondence relating to trade subscriptions should be addressed to the Journal Subscriptions Department, Geological Society Publishing House, Unit 7, Brassmill Enterprise Centre, Brassmill Lane, Bath, UK, BA1 3JN (tel 01225 445046; fax 01225 442836; e-mail: [sales@geolsoc.org.uk](mailto:sales@geolsoc.org.uk)). The subscription prices for 2009 to institutions and non-Fellows is: QJEGH Current £350 (UK), £398/\$796 (overseas); QJEGH Plus £388 (UK), £435/\$870 (overseas). More information about subscription options can be found at <http://www.geolsoc.org.uk/LyellCollection>.

Outside Europe, the Journal is dispatched by various forms of airspeeded delivery; Periodicals Postage paid at Rahway, NJ. POSTMASTER: send address corrections to the Quarterly Journal of Engineering Geology and Hydrogeology, c/o Mercury International, 365 Blair Road, Avenel, NJ 07001. Back numbers are normally dispatched by surface mail.

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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.