



The
Geological
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North West Regional Group

Meeting

Thursday 24th April 2014

Ticket to slide...

The 2013 landslide at Hatfield Colliery, South Yorkshire



On Saturday, February 9, 2013, a train driver reported a “rough ride” along the Up Slow line between Doncaster to Scunthorpe, adjacent to Hatfield Colliery. Train services were carefully managed to protect public safety and the condition of the track deteriorated as evidence of large scale ground movement was observed.

By the time ground movement had stopped over 1,000,000 cubic metres of spoil material had moved and all four of the line’s tracks were lifted and twisted up to 5m vertically and 15 m laterally.

An emergency programme of work was instigated and with collaborative working between several parties the railway lines were re-opened to traffic in July 2013.

The emergency programme of work will be described in an illustrated presentation.

Clare Brint is a Chartered Geologist with a BSc in Geology from University College, Cork (Ireland) and an MSc in Engineering Geology from Leeds University. She worked for Donaldsons Associates Limited, a specialist civil, structural and geotechnical consultancy in Glasgow and York for nearly ten years, primarily designing remedial works to railway earthworks infrastructure. For the past five years she has been employed by Network Rail within the London North Eastern and East Midlands (LNE & EM) Route Geotechnical Asset Management Team based in York. The LNE & EM Route includes the East Coast Main Line from King’s Cross to Berwick-upon-Tweed and the Midland Main Line from St. Pancras to Sheffield and all the other lines stretching from roughly Halifax over to Lincoln and Carlisle to Newcastle. Clare is currently the Senior Asset Engineer (Geotechnics) managing the geotechnical assets on the northern part of the route. These are managed through examinations, evaluations and an ongoing works programme of renewal, refurbishment and maintenance.

Lecture starts promptly at 18:30.

Venue:

The Swan (Chef & Brewer Pubs), Golborne Road, Winwick, Warrington, WA2 8LF.

Organised by the North West Regional Group of the Geological Society of London.

For further information please contact the Group Secretary, Nik Reynolds at:

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