



The
Geological
Society

-serving science & profession



Western Regional Group

High Speed 2 (HS2) Railway: Phase One Ground Investigation

Jonathan Gammon, Geotechnical Observations Ltd.

19th May 2020

Refreshments at 6pm for 6:30pm Start
The Hub, Aztec West, Bristol

The Western Regional Group is pleased to welcome Jonathan Gammon. Jonathan was Head of Ground Investigations at HS2 from 2014 to 2016. In August 2017, then Technical Director, Tunnelling and Geotechnics at CH2M (now Jacobs), he retired from full-time work and is now Non-Executive Director / Advisor at Instrumentation and Monitoring specialists Geotechnical Observations Limited. A Chartered Engineer and Chartered Geologist, Jonathan has almost forty-five years of international civil engineering experience, working for consultants and contractors in the UK, Ireland and in Hong Kong

HS2 is a passenger railway system linking the cities of London, Birmingham, Leeds and Manchester. It will be the UK's largest-ever civil engineering project. Phase One of HS2 runs between London and Birmingham. It covers approximately 230km and about sixty percent of the route will be in tunnels or cuttings through some of England's major geological formations.



This presentation will describe the key features of Phase One, before focussing on the Phase One Ground Investigation (GI), which is the largest-ever undertaken in the UK. The GI includes almost 10,000 items of fieldwork and at the time of awarding the first GI contracts in 2015 the total value was estimated to be almost £70million.

In addition to providing technical insight to the Phase One GI and address the challenges of determining the geology and ground conditions, in detail, between London and Birmingham, the presentation will also provide background to the project and contract management required for work on this scale. A personal perspective on the demands imposed on the Team tackling such a major undertaking will also be a key feature of the presentation.

This talk is sponsored by **CC Ground Investigations Limited**



Forthcoming Talks: The WRG is constantly on the lookout for fascinating talks. If you would like to present, know someone who is willing please contact the WRG committee (details below) and we will try our very best to accommodate your requests.

Contact: For all enquiries regarding the Western Regional Group and events please contact us using the details below.

Venue: Free Entry, everyone welcome. The Hub, 500 Park Avenue, Aztec West, Almondsbury BS32 4RZ

e-mail

Get in touch

westernregionalgroup@gmail.com

www

Find us on the web

www.geolsoc.org.uk/wrg



Connect on LinkedIn

[WRG ID: 2670120](https://www.linkedin.com/company/wrg)



Follow us on Twitter

[@WRG_GeoSoc](https://twitter.com/WRG_GeoSoc)

Geological Society, Burlington House, Piccadilly, London, W1J 0BG

Tel: +44 (0)20 7434 9944 Fax: +44 (0)20 7439 8975 Email: enquiries@geolsoc.org.uk Web: www.geolsoc.org.uk

Registered Charity No. 210161