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# Western Regional Group

## The Latest Findings in the Lambeth Group

**Dr Jacqueline Skipper, Senior Consultant, GCG**

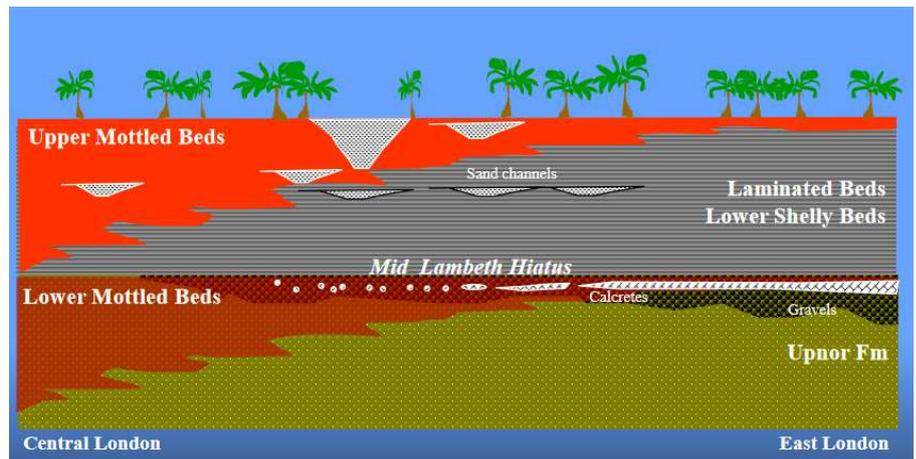
Tuesday 20<sup>th</sup> July 2021

Zoom Talk: opens at 6:15pm for 6:30pm Start

The Western Regional Group is pleased to welcome Dr Jackie Skipper who will share her experience and knowledge of working in the Lambeth Group.

The Lambeth Group is a relatively thin (c 18m thick in the London Basin, up to c 50m thick in the Hampshire Basin) group of very diverse sediments deposited in highly variable environments ranging from shallow marine to terrestrial. It is often highly coloured due to penecontemporaneous weathering, and can contain cemented layers, aggressive and deoxygenating minerals, and water bearing channels.

It thus represents units of relatively high risk for sensitive engineering projects if poorly investigated and understood. The Lambeth Group is a good analogue for coastal-terrestrial sediments in sub-tropical to tropical environments in many other areas of the Earth such as Pleistocene-Holocene sediments in Australia, Malaysia and on the margins of the South China Sea generally.



This talk will look at the current understanding of the stratigraphy of the Lambeth including several relatively new discovered sub units, and what risks these may represent.

Dr Jackie Skipper is a Senior Consultant at the Geotechnical Consulting Group and has won the Geological Society Engineering Group Award in 2010 and the 18th Glossop Medal in 2010. Her PhD was in the stratigraphy of the Lambeth Group and her specialist areas include the Geology of London and SE England, complex ground conditions and Quaternary features worldwide, and the geology of desert sediments and environments. However she is interested in all types of complex ground types and their relationship to risk in tunnelling, foundations and land stability. She has had a major input into many large tunnelling projects including the Dublin Port Tunnel, Crossrail, the Thames Tideway project, Jubilee Line upgrades, HS1, HS2, and the Lower Thames Crossing. She is particularly interested in geological training as a facilitator for improved communication on projects.

**Zoom Details:** When: 20<sup>th</sup> July 2021, 06:30 PM London

<https://us02web.zoom.us/join/9101562060>

Entry is free, non-members welcome.

**e-mail**

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