



Mr J.A. Davis  
EurGeol CGeol BSc MSc DIC FGS  
Associate Director

**Areas of expertise**

Engineering geology, tunnelling, groundwater, grouting, foundations, retaining structures, earthworks, shipping of tunnel spoil, ground gas and ground investigation.

**Experience with GCG**

Mr Davis joined Geotechnical Consulting Group in March 2008. For much of this period he mostly worked on the Crossrail Project in London. Initially he was involved in providing technical oversight and guidance for the Crossrail ground investigation programme.

This work sat alongside his involvement in writing geotechnical interpretative reports; guidance documentation; risk assessments and standards for Crossrail. Later he was heavily involved in the production of geotechnical baseline reports for most of the Crossrail main works contracts.

He has recently completed a seven year secondment to the Chief Engineer's Group at Crossrail where he was responsible for all geotechnical matters that arose in the eastern half of the project. In this role he was closely involved in the higher risk elements of Crossrail construction. Typically these have involved combinations of tunnel construction, ground improvement and dewatering.

**Areas worked**

UK, Spain, Portugal, Georgia, Bosnia, Gibraltar, Iran, Iraq, Afghanistan, Philippines, Indonesia, Malaysia, Brunei, Ghana, Peru and Argentina

**Previous experience**

John is an engineering geologist and geotechnical engineer with over 30 years of experience both within the UK and overseas. Early experience involved working in geotechnical investigation contracting and later working for a piling contractor. After graduating from his Imperial College Engineering Geology MSc course in 1989 he joined the Property Services Agency, a UK Government multi-disciplinary design organisation.

In 1992 the PSA became TPS and part of what is now Carillion PLC. John remained with TPS and went on to become head of the TPS Geotechnical Engineering Team from 1999 until he left to join GCG in 2008. During this time John was involved in a wide variety of design related and forensic geotechnical tasks involving foundations, retaining structures, basements, rock and soil slopes, groundwater, major earthworks, tunnels and chemical attack on concrete.

*Continued over the page...*



**GEOTECHNICAL CONSULTING GROUP**

52A Cromwell Road London SW7 5BE United Kingdom  
Tel: +44 (0)20-7581-8348 Fax: +44 (0)20-7584-0157 Email:admin@gcg.co.uk

In the mid-1990s John was seconded to London Underground for 18 months where he conducted research into the impacts of rising groundwater on LUL infrastructure. This work changed LU's view of this issue from a drainage problem to one of distortion of escalator shafts. Towards the end of this period the focus, in conjunction with Thames Water was on control of groundwater levels, particularly the area south of Tooting Bec Station on the Northern Line.

### **Education/Research**

MSc, Imperial College, London, 1989

BSc in Geology, University of Hull, 1984

### **Professional Qualifications & Memberships**

Chartered Scientist, 2005 - present

European Geologist, 2002 - present

Chartered Geologist, 2000 – present

Registered as an 'Adviser' on the UK Register of Ground Engineering Professionals

Fellow of the Geological Society, 1994 – present

Member of the British Tunnelling Society

Member of the British Geotechnical Association

Member of the Quaternary Research Association

Member of the Geologists' Association

Member of the Northern Mines Research Society

### **Other professional activities**

CGeol Scrutineer for the Geological Society