

David Hindle



Director

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Chartered Engineer

European Engineer

Member, Institution of Civil Engineers

Lt. Colonel, Engineer & Logistics Staff Corp RE(v)

Member, Institute of the Royal Engineers

Member, British Tunnelling Society

Member, British Nuclear Energy Society

Diploma, Imperial College

MSc Engineering Geology (Distinction)

BSc Mining Geology (First)

Expertise

Design of tunnels, underground excavations and slopes in rock; sprayed concrete support design; cut-and-cover tunnels; invention and design of geotechnical products; tunnel refurbishment; underground mining development and capital works design; ground investigation; assessment of subsidence from underground activities; environmental, economic and contractual aspects of construction.

Summary

David possesses nearly 35 years of experience in tunnel engineering, mining and engineering geology.

Following a number of years in the mining and water well drilling industries overseas he returned to the UK where he was engaged by Howard Humphreys as a Principal Engineer on a wide variety of projects culminating in the investigation, design and supervision of the A55 Pen-y-Clip and Penmaenbach tunnels in North Wales. Following a period of study, David was appointed Technical Director of Travers Morgan responsible for the project management of the detailed design of Liverpool Street Station for Crossrail and the investigation and design of a third Blackwall Tunnel beneath the River Thames.

As the Managing Director for Dr Sauer Company, he was the project director responsible for the design of the shotcrete (NATM) supported tunnels for complex mined London Bridge Station and the refurbishment design of Brunel's Thames Tunnel. Prior to co-founding OtB, David was an independent consultant and actively involved as organiser and Chairman of the regular major tunnelling conferences held in the UK.

David is the inventor and designer of a number of geotechnical products including XPANDX rock and soil anchors and RAM-MESH/WALL, a steel product suitable both for tunnel linings and as an earth retaining system. David has latterly been a tunnelling consultant advising the Corporation of London on the impact from construction of Crossrail.

Notable Projects

- Various, London Underground, improvements to station layouts
- East London Line Thames Tunnel refurbishment
- Jubilee Line extension, London Bridge Station
- Crossrail
- A3 Hindhead Bypass
- A55 North Wales coastal tunnels