



MM Geomechanics

ABN 46 681 580 693

Capabilities and Expertise in Building and Construction

Muliadi Merry, founder of a specialist engineering and management consulting company, **MM Geomechanics**, has significant local and global experience spanning over 25 years within building and construction industry. His experience covers geotechnical site investigation, landslide risk assessment, hydrology and hydrogeology (including feasibility of on-site infiltration systems), earthworks, foundation, pavement, excavation support, temporary works, instrumentation and monitoring, along with independent verification.

Muliadi has been extensively exposed and involved in the investigation, analysis and design of residential, commercial and industrial complexes. Having worked with Professor Poulos, Muliadi was given the opportunity to carry out foundation designs for landmark tall buildings Burj Al Arab (formerly Burj Dubai) and Burj Khalifa, along with the Goethals Bridge replacement construction. Muliadi was also involved in rail corridor protection works where he was required to analyse the implications from the various land developments in the close proximity on the corridor of future Epping to Parramatta Rail Link.

Selected Recent Projects

- Instrumentation and Monitoring Plan, Macquarie Park Village
- Geotechnical Investigation and Analysis
 - ALDI Stores, Windsor Road
 - Nelson's Ridge, Pemulwuy
 - Jackson's Landing, Pyrmont
 - Quad 4, Homebush
 - Holcim (formerly Readymix) Distribution Centre, Rooty Hill
 - Kurnell Desalination Plant
 - Rouse Hill residential developments
- Subgrade Evaluation, Woolworths Pemulwuy Marketplace
- High Resistance Pavement, Huntingwood Industrial Complex
- Forensic Pavement Investigation and Analysis, The Smith Family Premises, Villawood
- Site Retention, Macarthur Shopping Centre and Domain Park
- Earthworks, Eastwood and Woodcroft Brickpits
- Foundations
 - Tomago Aluminium Shelter.
 - Goethals Bridge (USA)
 - Burj Al Arab and Burj Khalifa (UEA)
- Landslide and Stability Risks, Nepean Weirs and various residential developments in Wollongong, Warringah and Pittwater areas.

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