



TERENCE HUANG

PRINCIPAL GEOTECHNICAL ENGINEER,

Terence has over fifteen years' experience as a geotechnical engineer involved in a wide range of civil infrastructure and building projects in NSW and QLD. He is able to manage and implement geotechnical construction phase support and investigation services on a wide range of projects. He starts his own business Elite Geosciences with focus in residential / commercial developments. For many projects Terence has been involved in the full scope of geotechnical input – from site investigation, through analysis, design, and reporting, to the building construction phase.

Key Skills and Competencies:

- > Geotechnical investigation and supervision
- > Geotechnical factual and interpretation report
- > Geotechnical design of retaining walls including soil nail walls and reinforced soil walls
- > Geotechnical design of shallow and deep foundations

QUALIFICATIONS & MEMBERSHIPS

- BEng (Civil and Geotechnical) Hons, University of Sydney
- MEng (Geotechnical and Mining), University of NSW Australia
- CPEng, NER
- NSW PDP, DEP, PRE

RELEVANT PROJECT EXPERIENCE

MAJOR BUILDING DEVELOPMENT

Geotechnical Project Lead | Eastwood Shopping Centre Redevelopment | Henbon Australia

Project lead for the geotechnical investigation and interpretation for new high-rise mixed-use redevelopment. Roles include groundwater monitoring, WaterNSW submission, Sydney Trains rail impact assessment, Sydney Water assets impact assessment, review of retaining structure, commercial building foundation design, and vibration monitoring.

Geotechnical Project Lead | Mixed-Use High-rise Redevelopment 44-52 Anderson St Chatswood | Bridgestones Project

Project lead for the geotechnical investigation and interpretation for new high-rise mixed-use redevelopment. Roles include groundwater monitoring, WaterNSW preparation, Sydney Water assets impact assessment, review of retaining structure, and building foundation design.

Geotechnical Project Lead | Mixed-Use High-rise Redevelopment 54-56 Anderson St Chatswood | Truslan Group

Project lead for the geotechnical investigation and interpretation for new high-rise mixed-use redevelopment. Roles include groundwater monitoring, WaterNSW preparation, Sydney Trains rail impact assessment, Sydney Water assets impact assessment, review of retaining structure, and building foundation design.

Geotechnical Project Lead | Mixed-Use High-rise Redevelopment 3-5 Help St Chatswood | Loftex

Project lead for the geotechnical investigation and interpretation for new high-rise mixed-use redevelopment. Roles include groundwater monitoring, WaterNSW preparation, Sydney Water assets impact assessment, review of retaining structure, and foundation design.

Geotechnical Project Lead | Mixed-Use High-rise Redevelopment 629-639 Pacific Hwy Chatswood | Polytec Australia

Project lead for the geotechnical investigation and interpretation for new high-rise mixed-use redevelopment. Roles include groundwater monitoring, WaterNSW preparation, TfNSW road impact assessment, review of retaining structure, and building foundation design.

Project Manager and Designer | Blacktown International Sportspark ICTE Buildings | Buildcorp, 2017 to 2020

Geotechnical investigation and interpretation for retaining structure, commercial building foundation design, groundwater, vibration monitoring. Earthworks supervision and certification.

Project Manager and Designer | HMAS Apartments in Multiple Defence Bases | Lendlease, 2019 to 2023

Geotechnical investigation and interpretation for retaining structure, navy apartment foundation design, groundwater, vibration monitoring. Earthworks supervision and certification.

Project Manager and Designer | Glenaeon Retirement Village Redevelopment | Lendlease, 2017 to 2022

Geotechnical investigation and interpretation for retaining structure, age cared apartment buildings foundation design, groundwater, vibration monitoring. Earthworks supervision and certification.

Project Manager and Designer | Wanda One Sydney Redevelopment | Wanda One, 2018

Geotechnical investigation and interpretation for proposed luxury residential and hotel towers. Design includes basement durability assessment, hydrology, foundation design, vibration monitoring schedule.

MEDIUM DENSITY BUILDING DEVELOPMENT

Geotechnical Project Lead, Including Geotechnical Investigation Report for the following projects:

- 8 storey apartment DA at 27-29 Tryon Rd Lindfield
- 7 storey apartment DA/CC at 18-24A Victoria St, Kogarah
- 5 storey apartment CC at 251-253 Homebush Rd, South Strathfield
- 7 storey apartment DA/CC at 98-100 St Hilliers Rd Auburn
- 10 storey apartment DA at 15-17 Kyle St, Arncliffe
- 10 storey apartment DA at 599-603 Canterbury Rd Belmore
- 8 story apartment DA/CC at 16-18 Turramurra Ave Turramurra
- 10 storey apartment CC at 640-646 Mowbray Rd, Lane Cove
- 7 storey apartment DA at 84-88 Birriga Rd, Bellevue Hill
- 7 storey apartment DA/CC at 378 Liverpool Rd Ashfield

LOW DENSITY BUILDING DEVELOPMENT

Housing projects incl Duplex, Housing, Townhouse, and Subdivision, over 500 projects delivered.