

CV - Leigh Bexley



Name
Leigh Bexley

Position
Senior Engineering Geologist

Year of commencement with Morrison Geotechnic
2002

Qualifications & Affiliations

Bachelor of Applied Science – Applied Geology
 (Queensland University of Technology)
 Affiliate Member: Institute of Engineers Australia

Open Water Diver Qualified – Professional Association of Divers/ Instructors (PADI)

Member: Professional Association of Divers/ Instructors (PADI)

Leigh is a Senior Engineering Geologist with vast experience in the geotechnical industry. He has worked throughout Queensland and Northern New South Wales acquiring valuable knowledge and experience in a range of geotechnical fields. He is involved in all aspects of geo-engineering investigations and reporting, including slope stability, river bank stability, retaining wall stability, deep and shallow structural foundations, residential, commercial and industrial developments, subsurface drilling and logging, interpretation of borehole data and laboratory test results, mapping, terrain evaluation, resource exploration, dam embankment construction and acid sulphate soils testing and management.

Project Experience Senior Engineering Geologist and Project Manager

Working with all aspects of Geotechnical Engineering and Design advice including:

- Geotechnical investigations, and analysis
- Bulk Earthworks and Earthworks design and constraints
- Batter and retaining structure assessments
- Broad terrain evaluation
- Slope stability assessments
- Revetments
- Roads
- Bridges; including Bebo Arch bridges
- Canals, Dams; and Dam embankment construction
- Concrib retaining walls
- Land reclamations
- Footing systems for residential and commercial developments.
- Soil profile and rock core logging and assessment
- Construction advice.

Projects

- Flinders Development, Undullah
 Geotechnical Investigation for Proposed Earth Embankment Dam and associated 50Ha Lake
- M1 Motorway Upgrade, Mudgeeraba to Varsity Lakes, Gold Coast
 Geotechnical Investigations for road widening and bridge constructions
- Little Nerang Dam, Springbrook
 Stability Assessments of Existing Access Roads
- Bellthorpe Road, Bellthorpe
 Stability Assessments Unsupported Slopes
- Gold Coast Private Hospital; and Gold Coast University Hospital
 Construction advice

Geotechnical Investigations, analysis and advice, including design advice at:

- Varsity Lakes Residential and Commercial Development, Gold Coast;
- Springfield Lakes and Springfield Central Residential and Commercial Development;
- The Observatory Residential and Commercial Development, Reedy Creek
- Woodlands Residential and Commercial Development, Waterford
- Highland Reserve Residential and Commercial Development, Upper Coomera; and
- Riverstone Crossing Development, Maudsland

Broad Geotechnical Assessments and advice at:

- Boral Ormeau Quarry Extension, Kingsholme; and
- Boral Petrie Quarry Extension, Petrie