



# Thayalan Nall

Principal Geotechnical Engineer at Golder Associates

[Brisbane, Australia](#)  
[Civil Engineering](#)

## [Previous](#)

1. [Coffey International Ltd,](#)
2. [Geocon \(B\) Sdn Bhd](#)

## [Education](#)

1. [Asian Institute of Technology \(AIT\) Bangkok](#)

## Background

### Experience



#### [Principal Geotechnical Engineer](#)

##### [Golder Associates](#)

July 2016 – Present (4 months)Brisbane, Australia



#### [Principal Geotechnical Engineer](#)

##### [Coffey International Ltd](#)

December 2006 – July 2016 (9 years 8 months)Brisbane, Australia

Worked on number of major projects undertaken by Coffey International Pty Limited, in Queensland, Papua New Guinea, New South Wales, New Zealand and Indonesia.

Gateway Upgrade Project - served as the design leader for a 1.2km section of the alignment passing through low lying terrain. During the construction phase continued to assist in construction overview and performance monitoring and providing advice on ground treatment..

Pacific Highway upgrade between Sapphire to Woolgoolga - served as the geotechnical manager during the construction phase for the project.

Kapit Coffey Dam prefeasibility study - located offshore in an active earthquake region in Lihir, PNG served as the design leader and worked on earthquake associated analyses (stability, displacement and liquefaction).

State Highway 16, Causeway Upgrade project - served as a Geotechnical Designer and carried out ground improvement designs for bridge approaches. .

New Priok Port of Jakarta container terminal - served as the lead geotechnical designer for proposed offshore container terminals and carried out designs on breakwater, dredging, reclamation, ground improvements and instrumentation and monitoring

Port of Brisbane - carried out reviews on ground improvement designs for container terminals.

Authored over 20 publications on topics including, foundation engineering, landslides, soft soil design and earthquake engineering.

### **Senior Geotechnical Engineer cum Laboratory Manager**

#### **Geocon (B) Sdn Bhd**

October 1995 – November 2006 (11 years 2 months) Brunei Darussalam

Worked on a number of geotechnical projects ranging from site investigations, foundation designs, slope stability assessments and management of ISO 17025 accredited soil testing laboratory.

### **Certifications**

#### **MIEAust**



#### **Engineers Australia**

#### **CPEng**



[Engineers Australia](#)

[RPEQ](#)



[The Board of Professional Engineers of Queensland](#)

[National Engineering Register](#)



[Engineers Australia](#)

[MASCE](#)



[American Society of Civil Engineers](#)

Starting November 2001

## **Education**

[Asian Institute of Technology \(AIT\) Bangkok](#)

[Master of Engineering \(MEng\), Geotechnical Engineering](#)

1993 – 1995

[University of Peradeniya](#)

Bachelor of Science (BSc), [Civil Engineering](#)

## **Languages**

1. English

## **Organizations**

**Engineers Australia**