



The Earth Moved!

Understanding the Cause of Claims for Damage to Adjacent Property from Deep Basement Excavation

Presented by

Richard David Geotechnical Engineer & Technical Director | GHD

The construction of large buildings in urban areas can involve the initial creation of a deep excavation for basement construction. Such construction can occur in close proximity to adjacent properties owned by third parties. During basement excavation and subsequently, such property can become extensively damaged for a variety of reasons resulting in costly claims for repairs including structural repairs. Even though Engineers and Contractors are well aware of the possible causes and mechanism of that damage, it still occurs more often than it should.

Insurers, their Legal Advisors and Loss Adjusters may find settling such claims challenging given the complex technical issues surrounding the design of retention systems required for deep excavations.

This presentation will demystify how deep excavations are constructed, and the measures taken by Engineers to prevent damage to adjacent structures. Several case histories will be presented bringing essential context to the technical points raised and to serve as warnings about what can go wrong. At the end of the presentation, attendees will have new perspectives on how to more effectively manage and resolve this type of claim.

Richard David is a Geotechnical Engineer and Technical Director at GHD in Perth. He has over 25 years of dedicated Geotechnical Engineering experience gained mostly in Australia. This experience includes the detailed design of a retention system for a deep basement in the Perth CBD. Richard is also a qualified Loss Adjuster and practiced as a Loss Adjuster for five years during which time he dealt with many geotechnical engineering related claims. As a consequence of this combined experience, Richard is well placed to engage with Insurance Professionals and explain engineering terms and concepts in a manner that is useful to them.

Wednesday
19 February
2020

The Melbourne
33 Milligan St
Perth

7:15am
Registration
7:30am
Breakfast &
Presentation
8:45am
Conclusion

Members \$70
Non-Members \$90
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