

TECHNICAL MEETING – JUNE

Thursday 29 June 2017

Fast Facts

Speaker:

David MacPherson

Topic:

Tauranga Dredging Operations

When:

Thursday 29 June 2017

5:30pm – Networking Drinks

6:00pm – Technical Talk

Where:

Anderson Lloyd,

Level 3

37 Galway Street

Britomart,

DOWNTOWN AUCKLAND

Cost:

AusIMM Member\$0.00

Non-Member\$0.00

Registration:

Please RSVP your attendance by emailing
Roger Gregg: roger.gregg@iguuh.co.nz

This technical meeting is brought to you by
The AusIMM New Zealand Branch and is worth
1 PD hour



The Port of Tauranga is New Zealand's largest export port, located in the southern Tauranga Harbour. To continue expanding, the Port has undertaken capital dredging operations to deepen the shipping channel. The channel has been dredged in the past, and deposits of silt have been uncovered that are more capital intensive to dredge.

The subsurface stratigraphy of this area has not been studied in great detail and questions remain about its origin and distribution. As part of his research, David identified sedimentary units in the harbours subsurface and modelled their distribution using data from 86 vibracores, some boreholes and seismic. He also was involved in the analysis of the characteristics of the sediment and presented an updated paleogeographic model of the development of the harbour over the last 10,000 years