

9 August, 2008

Your Reference:

Contact Energy Limited,
Wairakei Power Station,
Private Bag 2001
Taupo 3352

ATTENTION: Craig Stephenson

Ohaaki Marae Area August 2008

Please find enclosed:

- ✓ Graph showing levels of bench marks around the Ohaaki marae (1x A4 colour copy)
- ✓ Plan showing the Ohaaki Marae and Bench Marks nearby (1 colour A4 Page)

Summary.

The marae area between the buildings will be below the maximum water level of 290m in March 2013 using the maximum subsidence values and by May 2020 projecting the reduction of subsidence rates indicated by current data.

Ohaaki Marae Area.

This area was extensively surveyed in April 2003 and part of this data is shown on the enclosed plan.

Bench Mark H338 is 2.62m below the floor levels of the main marae buildings and 1.44m below the path and grounds of the marae. I believe that when the path and grounds of the marae are at the maximum water level marae activities will become difficult due to access problems. The dates above are determined by the date of Bench mark H338 becoming 1.44m below maximum water level, that is, to a level of 288.56.

Bench Mark Levels.

The levels shown are from the Ohaaki database up until 2006 and then calculations based on that data.

We are pleased to be of service and if there are any queries please contact me on 021 267 1352 or as above.

Yours faithfully
Central Surveys Limited

Russell Dick
Licensed Cadastral Surveyor