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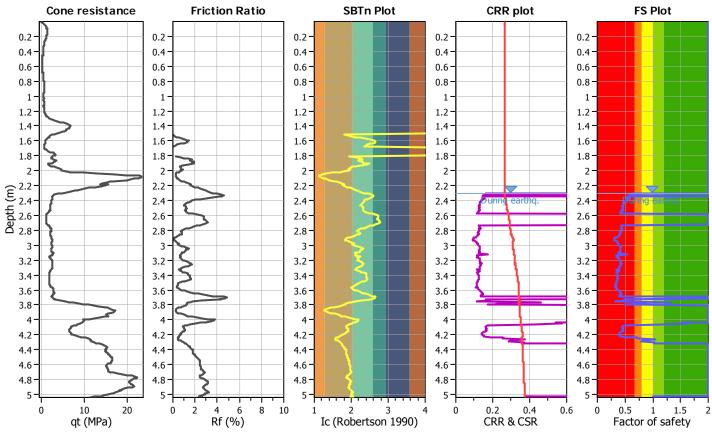
LIQUEFACTION ANALYSIS REPORT

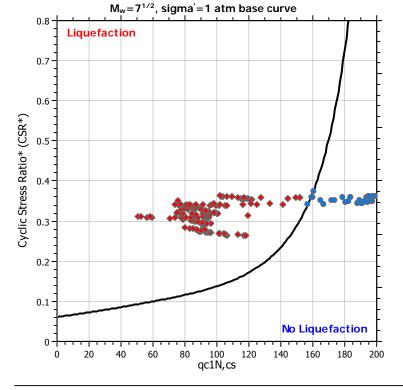
Project title: 24 - 26 Hutt Road Location: Thorndon, Wellington

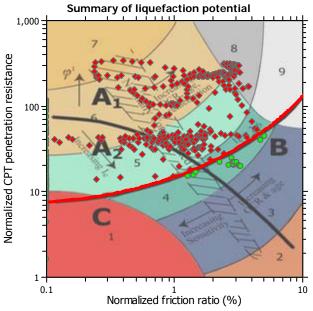
CPT file : CPT_01

Input parameters and analysis data

Analysis method: B&I (2014) G.W.T. (in-situ): 2.30 m Use fill: No Clay like behavior Fines correction method: B&I (2014) G.W.T. (earthq.): 2.30 m Fill height: N/A applied: Sand & Clay Points to test: Based on Ic value Average results interval: 5 Fill weight: N/A Limit depth applied: No Earthquake magnitude M_w: 7.50 Ic cut-off value: 2.60 Trans. detect. applied: No Limit depth: N/A Peak ground acceleration: Unit weight calculation: Based on SBT K_{σ} applied: MSF method: Method

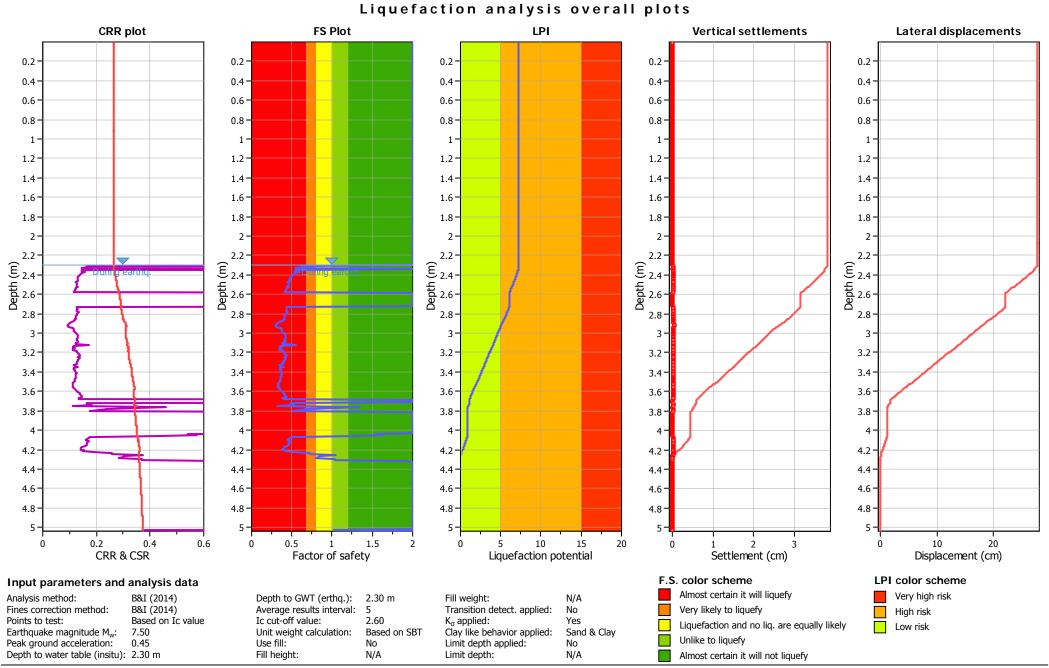






Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading Zone A₂: Cyclic liquefaction and strength loss likely depending on loading and ground geometry.

Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry This software is licensed to: Pattle Delamore Partners Ltd CPT name: CPT_01



CLiq v.2.2.1.14 - CPT Liquefaction Assessment Software - Report created on: 5/10/2018, 9:17:57 a.m.

Project file: \\wtnsrv2\Jobs\W02200_W02299\W02231 - 24-26 Hutt Road, Thorndon\W02231700 - FS Geotech\007_Work\Field_Work\CPT\24 Hutt Road, Wellington_CLiq.clq