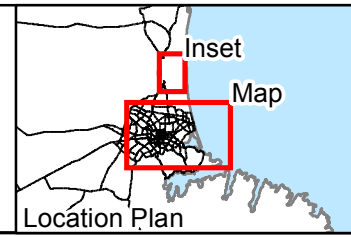
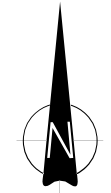
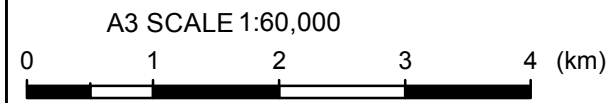


Kaiapoi & Northern Suburbs

LEGEND

- LPI**
- 0 - 3
 - 3 - 6
 - 6 - 9
 - 9 - 12
 - 12 - 15
 - 15 - 18
 - 18 +
- Land Damage**
- ▨ Indicate areas of observed liquefaction from a drive by inspection. The quantities of ejected sand were minor.
 - ★ Location of the inspection team at the time the second 13 June 2011 event occurred.
 - ↻ General direction of the drive by inspection.
- Notes:**
 The land based observation did not cover the entire area where liquefaction was known to have occurred.
- This maps presents a compilation of verified observations of liquefaction by two engineers after the first 13 June 2011 event up to the time when the second 13 June 2011 event occurred.

Notes: Road Database supplied by Terralink International Ltd. Rivers, lagoons and coastline licensed under Creative Commons Attribution 3.0 New Zealand and sourced from LINZ. Crown Copyright Reserved



DRAWN	JEL	Mar.13
CHECKED		
APPROVED		
ARCFILE 52020-0200-LSN199		
SCALE (AT A3 SIZE) 1:60,000		
Prepared by Tonkin & Taylor Ltd. Ref: 52020-0200		

**EARTHQUAKE COMMISSION
 CHRISTCHURCH CITY & KAIAPOI
 LPI, June 2011 Event A
 (Using Cornell PGA)**

Date: 5/03/2013 Time: 11:32:14 a.m.