

LEGEND

LPI

- 0 - 3
- 3 - 6
- 6 - 9
- 9 - 12
- 12 - 15
- 15 - 18
- 18 +

— Street level mapping undertaken with no observed liquefaction or ground cracking

●●● Observation of liquefaction from ground based street level mapping

●●● Observation of liquefaction from aerial fly over mapping

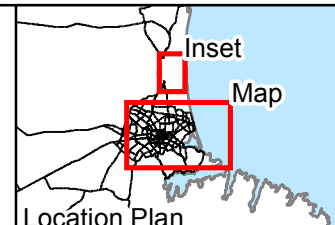
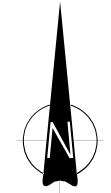
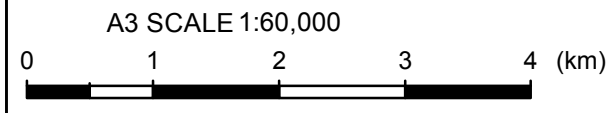
■ Observation of Flooding

■ Observation of Ground cracking

Notes:
The land based observation did not cover the entire area where liquefaction was known to have occurred.

This map presents a compilation of verified observations of liquefaction by team of engineers on the afternoon of 23 Dec 2011.

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DRAWN	CXP	Mar.13
CHECKED		
APPROVED		
ARCFILE 52020-0200-LSN235		
SCALE (AT A3 SIZE) 1:60,000		
Prepared by Tonkin & Taylor Ltd. Ref: 52020-0200		

**EARTHQUAKE COMMISSION
CHRISTCHURCH CITY & KAIAPOI
LPI, December 2011
(Using UoC PGA)**

Date: 4/03/2013 Time: 5:44:24 p.m.