



LEGEND

— 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

Calculated Settlement Indicator (mm)

- 0 - 60
- 60 - 120
- 120 - 180
- 180 - 240
- 240 - 300
- 300 - 360
- 360+

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 team of engineers on the afternoon of 23 Dec 2011.

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

A3 SCALE 1:60,000

0 1 2 3 4 (km)



DRAWN	CXP	Feb.13
CHECKED		
APPROVED		
ARCFILE	52020-0200-LSN171	
SCALE (AT A3 SIZE)	1:60,000	
Prepared by	Tonkin & Taylor Ltd	
Ref:	52020.0200	

EARTHQUAKE COMMISSION
CHRISTCHURCH CITY & KAIAPOI
Calculated Settlement Indicator, December 2011
(Using UoC PGA)

FIGURE No. **Figure F48**

Rev. **0**

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