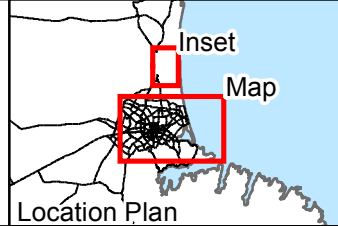
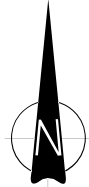
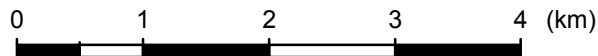


LEGEND

<p>Calculated Settlement Indicator (mm)</p> <ul style="list-style-type: none"> ● 0 - 60 ● 60 - 120 ● 120 - 180 ● 180 - 240 ● 240 - 300 ● 300 - 360 ● 360+ 	<p>Land Damage</p> <ul style="list-style-type: none"> 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. <p>Notes:</p> <ul style="list-style-type: none"> 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.
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A3 SCALE 1:60,000



DRAWN	CXP	Mar.13
CHECKED		
APPROVED		
ARCFILE 52020-0200-LSN186		
SCALE (AT A3 SIZE) 1:60,000		
Prepared by Tonkin & Taylor Ltd		
Ref: 52020.0200		

EARTHQUAKE COMMISSION
CHRISTCHURCH CITY & KAIAPOI
 Calculated Settlement Indicator, June 2011
 Event A (Using Cornell PGA)

FIGURE No.

Rev. 0