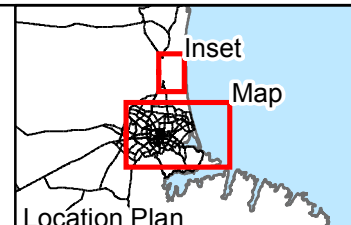


### LEGEND

<p><b>LSN</b></p> <ul style="list-style-type: none"> <li><span style="color: blue;">●</span> 0 – 10</li> <li><span style="color: blue;">●</span> 10 - 20</li> <li><span style="color: cyan;">●</span> 20 - 30</li> <li><span style="color: green;">●</span> 30 - 40</li> <li><span style="color: yellow;">●</span> 40 - 50</li> <li><span style="color: orange;">●</span> 50 - 60</li> <li><span style="color: red;">●</span> 60+</li> </ul>	<p><b>Land Damage</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid orange; background: repeating-linear-gradient(45deg, transparent, transparent 2px, orange 2px, orange 4px);"></span> Indicate areas of observed liquefaction from a drive by inspection. The quantities of ejected sand were minor.</li> <li><span style="color: black;">★</span> Location of the inspection team at the time the the second 13 June 2011 event occurred.</li> <li><span style="color: black;">↻</span> General direction of the drive by inspection.</li> </ul> <p>Notes:</p> <ul style="list-style-type: none"> <li>The land based observation did not cover the entire area where liquefaction was known to have occurred.</li> <li>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.</li> </ul>
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A3 SCALE 1:60,000



DRAWN	CXP	Feb.13
CHECKED		
APPROVED		
ARCFILE 52020-0200-LSN180		
SCALE (AT A3 SIZE) 1:60,000		
Prepared by Tonkin & Taylor Ltd Ref: 52020.0200		

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

Date: 27/02/2013 Time: 12:43:17 p.m.