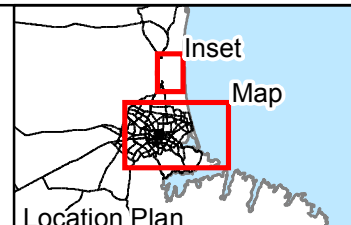
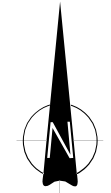
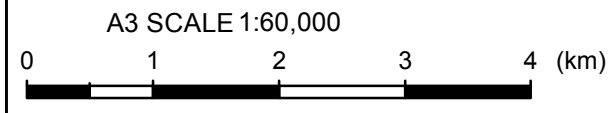


Kaiapoi & Northern Suburbs

**LEGEND**

<p><b>LSN</b></p> <ul style="list-style-type: none"> <li>● 0 - 10</li> <li>● 10 - 20</li> <li>● 20 - 30</li> <li>● 30 - 40</li> <li>● 40 - 50</li> <li>● 50 - 60</li> <li>● 60+</li> </ul>	<p><b>Ground Surface Observations after Sept 2010</b></p> <ul style="list-style-type: none"> <li>■ No observed ground cracking or ejected liquefied material</li> <li>■ Minor ground cracking but no observed ejected liquefied material</li> <li>■ No lateral spreading but minor to moderate quantities of ejected material</li> <li>■ Moderate to major lateral spreading or large quantities of ejected material</li> <li>■ Severe lateral spreading; ejected material often observed</li> </ul>
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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	CXP	Mar.13
CHECKED		
APPROVED		
ARCFILE 52020-0200-LSN111		
SCALE (AT A3 SIZE) 1:60,000		
Prepared by Tonkin & Taylor Ltd.		
Ref: 52020.0200		

**EARTHQUAKE COMMISSION**  
**CHRISTCHURCH CITY & KAIAPOI**  
 LSN, September 2010  
 (Using UoC PGA)

Date: 5/03/2013 Time: 4:50:42 p.m.