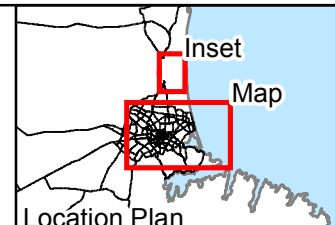
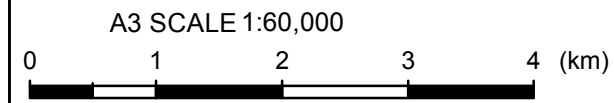


Kaiapoi & Northern Suburbs

**LEGEND**

<b>LSN</b>	<b>Ground Surface Observations after Feb 2011</b>
● 0 - 10	■ No observed ground cracking or ejected liquefied material
● 10 - 20	■ Minor ground cracking but no observed ejected liquefied material
● 20 - 30	■ No lateral spreading but minor to moderate quantities of ejected material.
● 30 - 40	■ No lateral spreading but large quantities of ejected material
● 40 - 50	■ Moderate to major lateral spreading; ejected material often observed
● 50 - 60	■ Severe lateral spreading; ejected material often observed
● 60+	

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	Feb.13
CHECKED		
APPROVED		
ARCFILE 52020-0200-LSN163		
SCALE (AT A3 SIZE) 1:60,000		
Prepared by Tonkin & Taylor Ltd.		
Ref: 52020.0200		

**EARTHQUAKE COMMISSION**  
**CHRISTCHURCH CITY & KAIAPOI**  
 LSN, February 2011  
 (Using Cornell PGA)

Date: 27/02/2013 Time: 12:17:58 p.m.