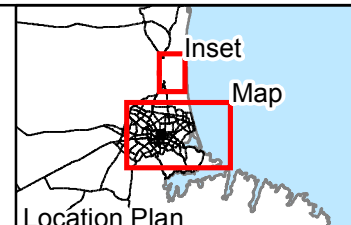
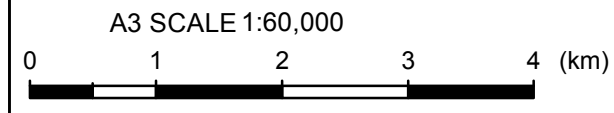


LEGEND

Calculated Settlement Indicator (mm)	
● 0 - 60	
● 60 - 120	
● 120 - 180	
● 180 - 240	
● 240 - 300	
● 300 - 360	
● 360+	

Ground Surface Observations after Feb 2011	
 No observed ground cracking or ejected liquefied material	
 Minor ground cracking but no observed ejected liquefied material	
 No lateral spreading but minor to moderate quantities of ejected material.	
 No lateral spreading but large quantities of ejected material	
 Moderate to major lateral spreading; ejected material often observed	
 Severe lateral spreading; ejected material often observed	

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-LSN173		
SCALE (AT A3 SIZE) 1:60,000		
Prepared by Tonkin & Taylor Ltd.		
Ref: 52020.0200		

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

FIGURE No. _____

Rev. 0

Date: 28/02/2013 Time: 10:19:03 a.m.