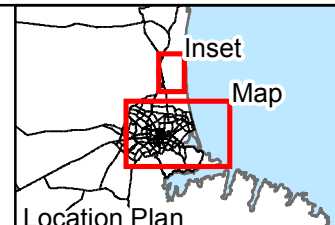
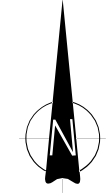
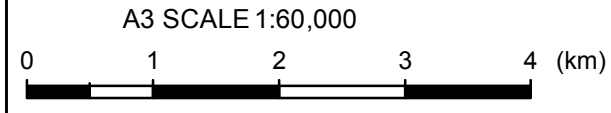


**LEGEND**

Ground Surface Observations

- 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	Mar.13
CHECKED		
APPROVED		
ARCFILE 52020-0200-LFF02		
SCALE (AT A3 SIZE) 1:60,000		
Prepared By Tonkin & Taylor Ltd.		
Ref.	52000.200	

**EARTHQUAKE COMMISSION  
CHRISTCHURCH CITY & KAIAPOI**

Liquefaction and Lateral Spreading Observations  
Post February 2011

FIGURE No. \_\_\_\_\_

Rev. 0

Date: 4/03/2013 Time: 10:59:06 a.m.