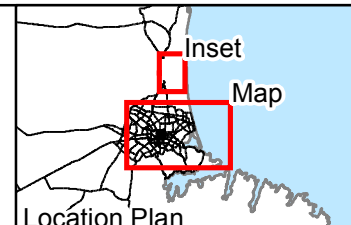
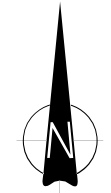
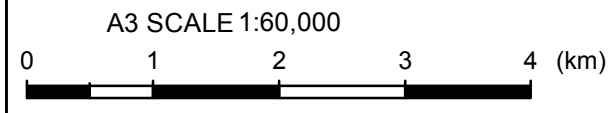


**LEGEND**

<p><b>LPI</b></p> <ul style="list-style-type: none"> <li><span style="color: blue;">●</span> 0 - 3</li> <li><span style="color: blue;">●</span> 3 - 6</li> <li><span style="color: cyan;">●</span> 6 - 9</li> <li><span style="color: green;">●</span> 9 - 12</li> <li><span style="color: yellow;">●</span> 12 - 15</li> <li><span style="color: orange;">●</span> 15 - 18</li> <li><span style="color: red;">●</span> 18 +</li> </ul>	<p><b>Ground Surface Observations after June 2011</b></p> <ul style="list-style-type: none"> <li><span style="color: lightblue;">■</span> No observed ground cracking or ejected liquefied material</li> <li><span style="color: lightgreen;">■</span> Minor ground cracking but no observed ejected liquefied material</li> <li><span style="color: yellow;">■</span> No lateral spreading but minor to moderate quantities of ejected material</li> <li><span style="color: orange;">■</span> No lateral spreading but large quantities of ejected material</li> <li><span style="color: red;">■</span> Moderate to major lateral spreading; ejected material often observed</li> <li><span style="color: darkred;">■</span> Severe lateral spreading; ejected material often observed</li> </ul>
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DRAWN	CXP	Mar.13
CHECKED		
APPROVED		
ARCFILE 52020-0200-LSN234		
SCALE (AT A3 SIZE) 1:60,000		
Prepared by Tonkin & Taylor Ltd.		
Ref: 52020-0200		

**EARTHQUAKE COMMISSION**  
**CHRISTCHURCH CITY & KAIAPOI**  
 LPI, June 2011  
 (Using Cornell PGA)

Date: 5/03/2013 Time: 10:08:45 a.m.