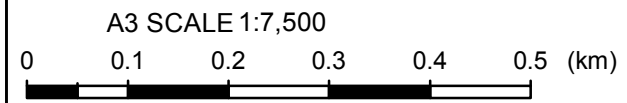


**LEGEND**

|  |  |
|--|--|
| <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 June 2011</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #00b0f0; border: 1px solid black; margin-right: 5px;"></span> No observed ground cracking or ejected liquefied material</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #90c060; border: 1px solid black; margin-right: 5px;"></span> Minor ground cracking but no observed ejected liquefied material</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ffcc00; border: 1px solid black; margin-right: 5px;"></span> No lateral spreading but minor to moderate quantities of ejected material</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #e69a00; border: 1px solid black; margin-right: 5px;"></span> No lateral spreading but large quantities of ejected material</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ff0000; border: 1px solid black; margin-right: 5px;"></span> Moderate to major lateral spreading; ejected material often observed</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #990000; border: 1px solid black; margin-right: 5px;"></span> Severe lateral spreading; ejected material often observed</li> </ul> |
|--|--|

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|                                  |     |        |
|----------------------------------|-----|--------|
| DRAWN                            | CXP | Feb.13 |
| CHECKED                          |     |        |
| APPROVED                         |     |        |
| ARCFILE<br>52020-0200-LSN228     |     |        |
| SCALE (AT A3 SIZE)<br>1:7,500    |     |        |
| Prepared by Tonkin & Taylor Ltd. |     |        |
| Ref: 52020-0200                  |     |        |

**EARTHQUAKE COMMISSION**  
**AVONSIDE, CHRISTCHURCH CITY**  
**LSN, June 2011**  
**(Using Cornell PGA)**

Date: 26/02/2013 Time: 5:04:38 p.m.