



[LIQUEFACTION]

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Legend - Relative Earthquake Liquefaction

- 1 No liquefaction damage expected
- 2 A few sand boils and minor fissures. Estimate up to 10% of area affected
- 3 Sand boils and moderate fissuring (more extensive near basin edges and in waterlogged areas), river banks broken up and embankment slumped; settlements of up to 0.2m. Estimate 10-20% of area affected.
- 4 Lateral spreading common, with many fissures in alluvium (some large), slumping and fissuring of stopbanks, common sand boils, settlements of up to 0.5m. Estimate 20-50% of area affected.
- 5 Lateral spreading widespread, with extensive fissures; lateral spreads with displacements of up to 10m common especially near channel edges; settlement of fills by up to 1m. Estimate more than 50% of area affected.

Legend

| | |
|--|---------------|
| | 5 - very high |
| | 4 - high |
| | 3 - moderate |
| | 2 - low |
| | 1 - very low |

**Liquefaction Susceptibility
Napier - Hastings Area**



1:150,000



DATA FROM: Farm information obtained from the Hawke's Bay Regional Council's Geographic Information Systems Database.

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