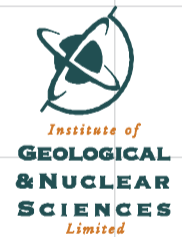


FAULT EARTHQUAKE SCENARIO

Matata Fault
 Matata Segment
 Richter Magnitude 6.3
 Depth 8 km
 Normal fault
 Volcanic Crust

ISOSEISMALS
 (Modified Mercalli Intensity)

- MM 10
- MM 9
- MM 8
- MM 7



**Figure 8. Fault Rupture Scenario Map
 Matata Fault**

**for Environment BOP
 (Bay of Plenty Regional Council)**

Scale 1 : 500 000

New Zealand Map Grid projection

Map to accompany
 Institute of Geological & Nuclear Sciences Ltd
 Client Report 1999/116

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The active fault data have been compiled onto the NZMS260 topographic base at 1:50 000 from a variety of sources including aerial photography and field-based observation. These data should not be used for site-specific investigations.

The isoseismal ellipses measuring Modified Mercalli Intensity have been calculated using an earthquake attenuation model for a hypothetical coseismic fault rupture.

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