Whangapoua Harbour Area Tsunami Modelling 'Maximum Credible Event'

The Source of the 2011 Tohoku, Japan Tsunami positioned along the Tonga-Kermadec Trench to the north of East Cape

1 knot = 0.51 m/s = 1.85 km/h

Legend: Tsunami Water Flow Speed
- >0 - 1.275 m/s (>0 - 2.5 knots; approx. walking speed)
- >1.275 - 2.55 m/s (>2.5 - 5 knots)
- >2.55 - 5.1 m/s (>5 - 10 knots)
- >5.1 - 7.65 m/s (>10 - 15 knots)
- >7.65 m/s (>15 knots)

Acknowledgements and Disclaimers
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Due to the unpredictability of tsunami, the example used in these images represents a possible 'worst case' and is used as guidance only. A larger tsunami event cannot be discounted.

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Source: Case 8 at High Tide - from: "Numerical modelling of tsunami inundation along the Kennedy Bay to Opito Bay coast, Coromandel Peninsula, New Zealand" Jose Borrero, 2014