

Voyage SS11-2004

NOTOVE-2004 (Northern Tonga Vents Expedition) Submarine hydrothermal plume activity and petrology of the northern Tofua Arc, Tonga.

Professor Richard J Arculus (Chief Scientist), Australian National University

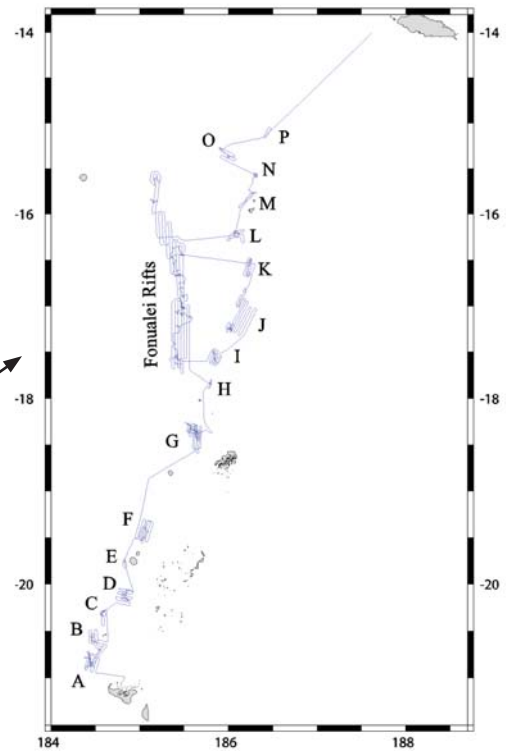
Marine National Facility 2004/2005 Voyages			Environmentally Sustainable Australia					Frontier Technologies	Safeguarding Australia
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The potential of the voyage to contribute to Australia's national benefit:

The voyage provided new insights into ore formation in submarine arc environments, now recognised to be sites of economically significant hydrothermal ore deposits. The study was essential for the improved understanding needed for the

development of better mineral exploration models and strategies.

This voyage attracted considerable international interest and ensures our participation in a series of valuable international programs.



> SS11-2004 voyage track