

Tectonics

Supporting Information for

Deepwater fold-and-thrust belt along New Caledonia's western margin: relation to post-obduction vertical motions

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Introduction

Supporting information is provided to (i) illustrate the slope variability of the western margin of New Caledonia and (ii) help the reader know the type of seismic data (resolution vs penetration) used in this study.

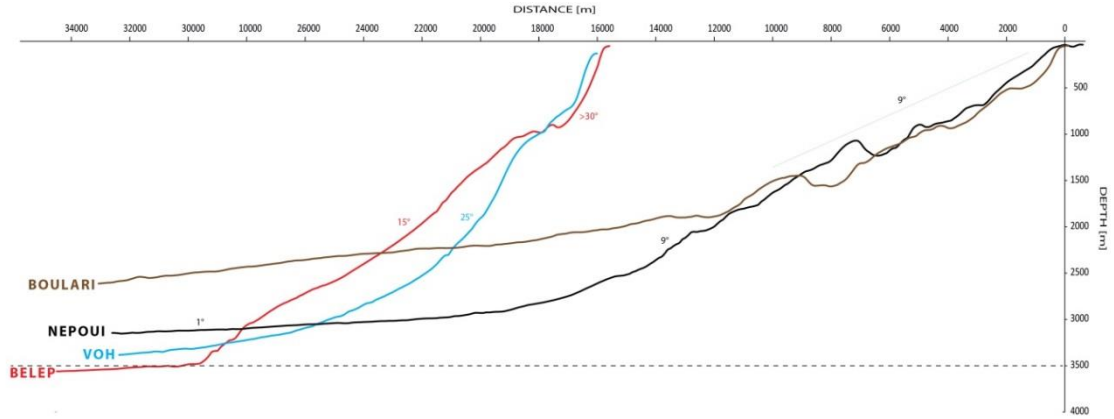


Figure S1. Bathymetric profiles of the western margin of New Caledonia. See location on Figure 1. The northern part of the margin reveals steep slopes whereas the Nepoui area, where the DFTB occurred reveals slopes, comparable to the southern part of the margin.

Voyage or profile	Streamer Length (km)	Number of Channels	Receiver immersion (m)	Source Volume (cu)	Source Type	Source immersion (m)	Source Band Width (Hz)	Shot Interval (m)	Interpreted seismic data
Z11-01	4.5	360	15	8000	Single bubble	20	4-60	150	Depth migrated
s206-01	3.3	264	10	3000	First peak	10	50-60	50	Time migrated
IPOD	0.3	24	5-10	35	First peak	5	50-150	12,5	Time migrated
Zoneco-3	0.3	6	7	150	First peak	10	50-130	50	Time migrated
Gulfrex	-	1	-	-	-	-	-	-	Single channel

Table S1. Characteristics of the Seismic Acquisition Devices