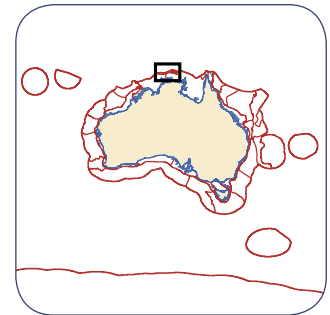


PB1 – Timor Transition

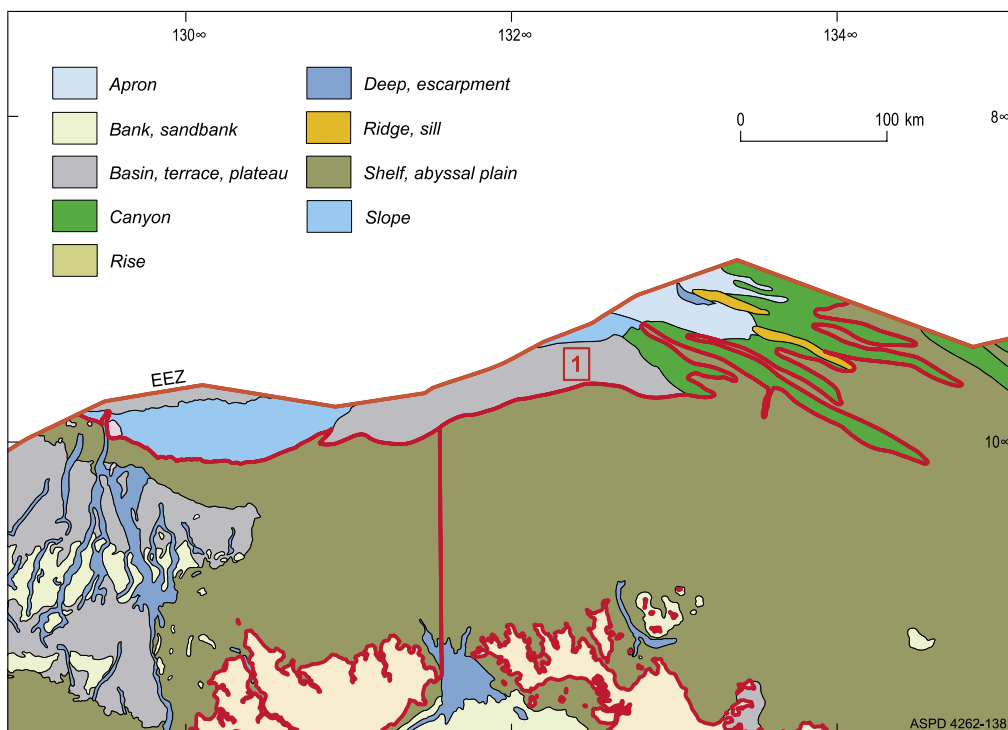
This bioregion is located on the northern margin of Australia

Total Area (km ²)	Water Depth (m)			
	Minimum	Maximum	Mean	Std Dev.
24,040	-15	-357	-161	53

Primary Bathymetric Units (km ²)			Biomes (km ²) <i>N</i> = 0		
Slope	Rise	AP / DOF	Upper Slope	Mid-upper Slope	Mid Slope
24,040	–	–	–	–	–



No. of Demersal Fish Species:	284 (>2 string nodes)
Key Indicator Demersal Fish Species:	N/A
No. of Endemics:	N/A
Strength:	N/A



Geomorphic Units in
PB1 – Timor Transition.

...continued page 2

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Department of the
Environment and Heritage
Geoscience Australia



Geomorphic Units (km ²) N = 13													
CLASS 1		CLASS 2		CLASS 3		CLASS 4		CLASS 5		CLASS 6		CLASS 7	
No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
–	–	3	5,720	–	–	2	680	–	–	–	–	2	7,490
CLASS 8		CLASS 9		CLASS 10		CLASS 11		CLASS 12		CLASS 13		CLASS 14	
No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
–	–	4	7,330	–	–	–	–	–	130	1	2,590	1	100

Notes:

- This bioregion is the shallowest on average of all the NBMB bioregions due to its location on the upper slope of the north margin.
- This bioregion is one of six NBMB bioregions to cover only one Primary Bathymetric Unit, and one of five to occur only on the slope.
- This bioregion contains the second smallest area of slope of all the NBMB bioregions.
- The demersal fish data indicate that this bioregion has a strong boundary with Indonesian and Papua New Guinea fauna, although the similarity of the demersal fishes in this bioregion to Timor and Indonesian fauna has not been fully established (Last et al., 2005).
- This bioregion is the only NBMB bioregion adjacent to the mainland not to contain any Biomes.
- This bioregion is one of four NBMB bioregions to contain seven classes of geomorphic units.

Reference

Last, P., Lyne, V., Yearsley, G., Gledhill, D., Gomon, M., Rees, T. and White, W., 2005. Validation of National Demersal Fish Datasets for the Regionalisation of the Australian Continental Slope and Outer Shelf. Draft CSIRO Report to the National Oceans Office, Sept, 2004. CSIRO Marine Research, Hobart.