

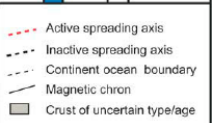
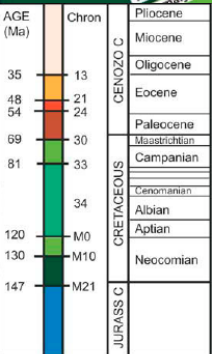
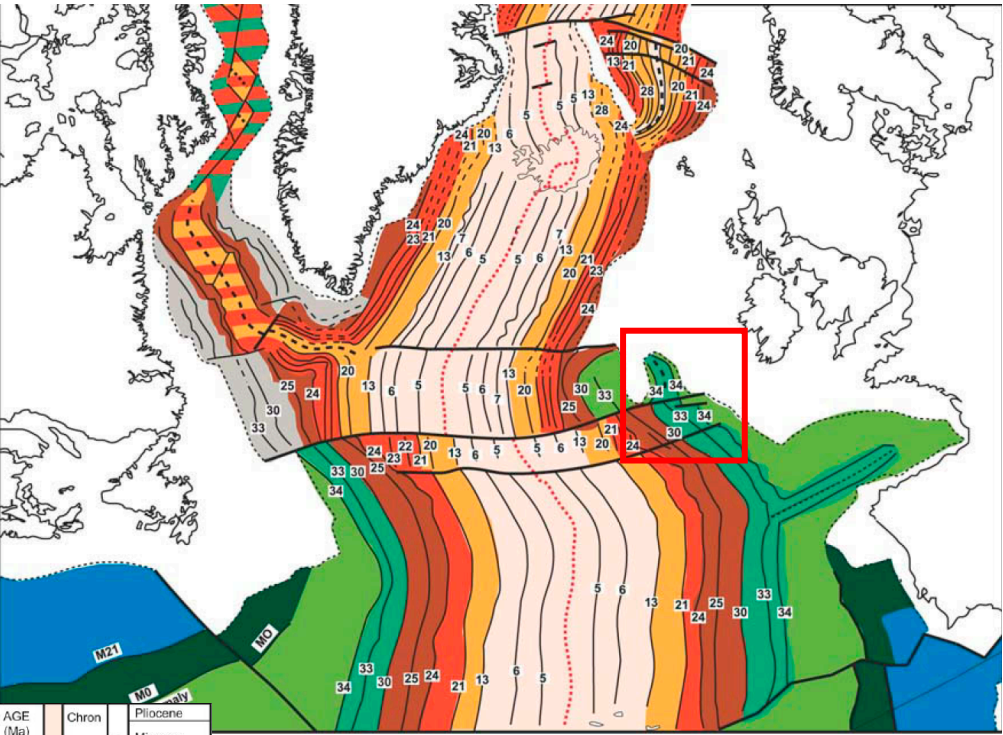
Multi-phase development of the Porcupine Basin during the rifting of the North-Atlantic

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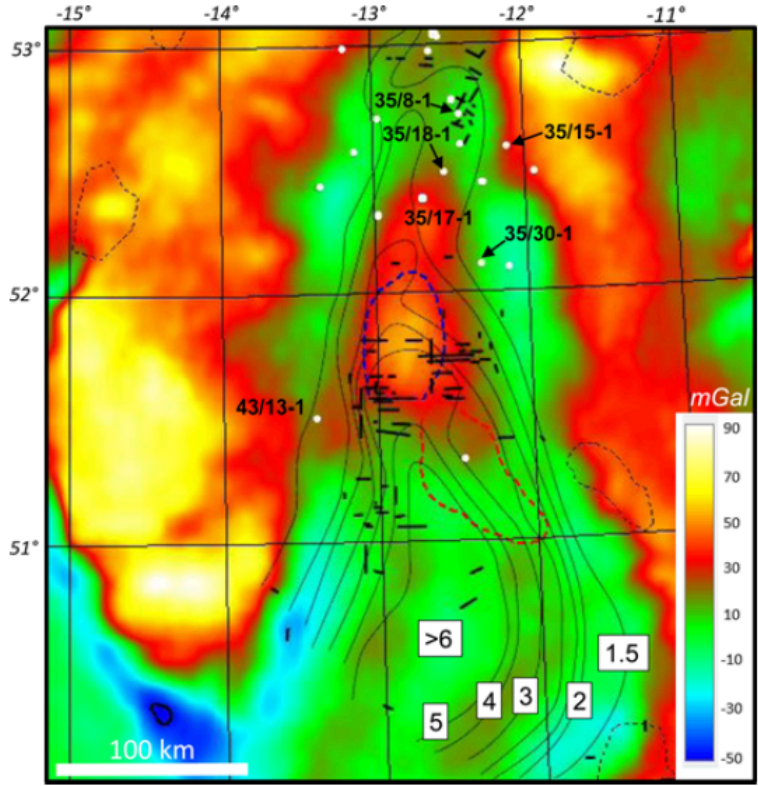
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Simplified map of the seafloor in the North Atlantic. The ages and magnetic anomalies are indicated on the inset. Red square shows the Porcupine Basin (Naylor and Shannon, 2011).



Free-air gravity anomaly map (Sandwell & Smith 2009) with outline of the Porcupine Arch (dashed blue line), Porcupine Medium Volcanic Ridge (dashed red line), wells, sill distribution (bold black lines; Fernandes 2011) and regional beta-factor variations (Tate et al. 1993). (Gagnevin et al., 2017).

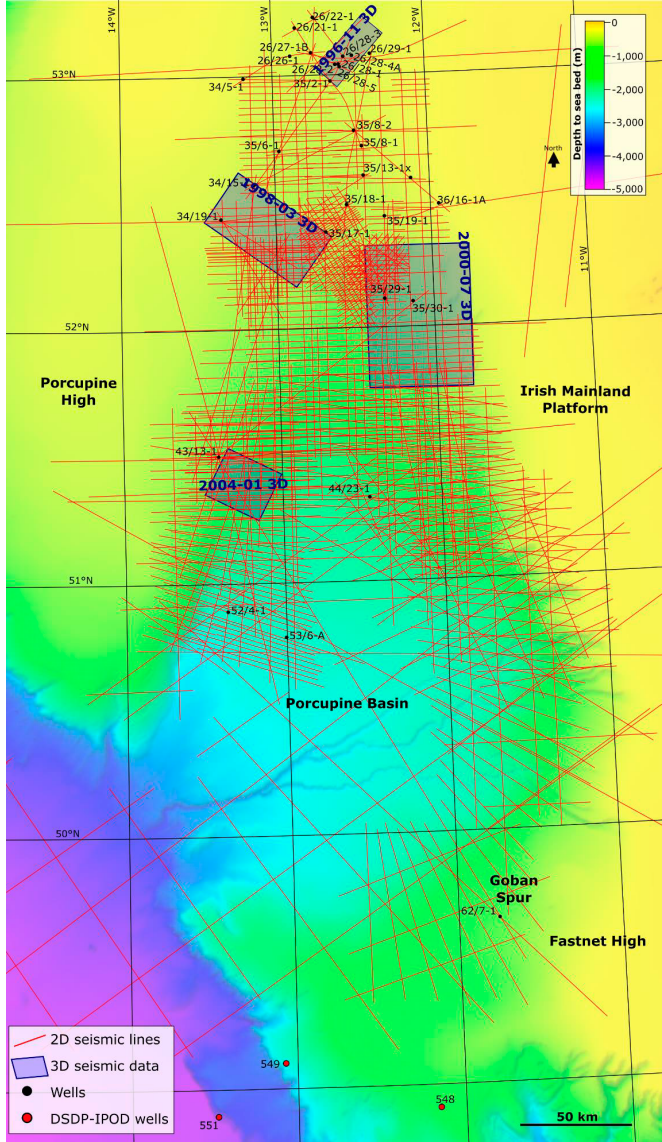
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Present-day seabed bathymetry and data coverage map, displaying the distribution of 2D and 3D seismic datasets and well locations across the Porcupine Basin. Seismic and well data were provided by Petroleum Affairs Division (PAD) and the seabed bathymetry is from Infomar. (Whiting, 2019. pers. comm.)