



Sketch maps showing the locations of the main igneous centres mentioned in the text. **A)** Locations of the main Jurassic igneous rocks (black shading) of Antarctica and Southern Africa. FI, Falkland Islands; MEB, Maurice Ewing Bank; SAM, South American plate; SA, African plate; ANT, Antarctic plate. After Macdonald et al. (2003)¹. **B)** Distribution of volcanic rocks of the Ferrar Large Igneous Province ('V' symbol; Transantarctic Mountains) and Dronning Maud Land (black shading) in Antarctica. The bold pecked lines give the approximate limit of the FLIP, and the finer pecked lines are contours to the Moho with depth given in km in italics. Inset shows the position of the FLIP relative to Antarctica. After Elliot (2013). **C)** Area occupied by the Central Atlantic Magmatic Province. The pecked lines give the approximate limit of the CAMP, and solid lines general azimuth of dyke swarms. After Grossman et al. (1991).

¹ Macdonald, D.I.M., Gomez-Perez, I., Frnazese, J., Spalleti, L., Lawver, L., Gahagan, L., Dalziel, I.W.D., Thomas, C.J., Trewin, N.H., Hole, M.J. and Paton, D., 2003, Mesozoic break-up of SW Gondwana: implications for regional hydrocarbon potential of the southern South Atlantic. *Marine & Petroleum Geology*, v. 20, p. 287-308, doi:10.1016/S0264-8172(03)00045-X

Table DR1

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