## S8 - SUPPLEMENT 8: RECONSTRUCTION WORKING MAP DISPLAY AT BREAKUP (~55 MA).

Reconstruction working map display of the igneous provinces in the Northeast Atlantic and basis for Figure 11a.

The positions of Eastern Greenland and main tectonic blocks of JMMC are shown in an absolute position (relative to the mantle) according to kinematic parameters that were computed by carrying out visual fits (in GPlates 2.0.0; <a href="https://www.gplates.org">https://www.gplates.org</a>) for prebreakup (~60-54 Ma) with the magnetic data [Nasuti and Olesen, 2014] as a basis in the background.

<u>Abbreviations:</u> EJMFZ – East Jan Mayen Fracture Zone segments; FI – Faroe Islands; FSB – Faroe-Shetland Basin; JMLB – Jameson Land Basin; JMR – Jan Mayen Ridge; JMSRC – Jan Mayen Southern Ridge Complex.

## Legend:



