

Supplement 2

Updated stratigraphic sections of the JMMC based on seismic reflection data by Blischke et al. [2019] tied to OBS, sonobuoy, ESP velocity profiles, and available boreholes, modified from Blischke et al. [2019]. Magnetic-, free air gravity data [Nasuti and Olesen, 2014 and Haase and Ebbing, 2014], and large fracture zone corridor intersections [e.g. Gaina et al., 2009; Kandilarov et al., 2012; Gernigon et al., 2015; Blischke et al. 2017a] plotted above the profiles highlight variations associated with major tectonic and igneous events.

