



Figure 2. **A)** Topographic map showing tracks (black lines), OBS's (blue circles) and positions of vertical cross sections (grey lines). **B)** Vertical cross sections, along the lines indicated in A. **C)** North-south profile through the velocity model. **D)** Corresponding melt fraction, from West et al. 2000, calculated using a method similar to Dunn et al's (2000) and Canales et al. (2000). This method accounts for both the effect of the temperature and melt fraction on the seismic velocity. The melt fraction reaches a maximum of 5-25% at the center of the magma chamber.