Figure F1. Locations of Expedition 372/375, Sites U1517–U1520. Figure was made using GeoMapApp and the default base map (Ryan et al., 2009). Inset shows location relative to Australia and New Zealand.

Figure F2. Schematic of the permeability test system (top) and labeled photo of the permeability test system (bottom). The top, bottom, and cell pumps consist of 80 mL pistons that are moved up or down to infuse or extract water from the sample or cell. The interface chamber has a rubber diaphragm in the center to separate the seawater that is used as a permeant (bottom chamber) from the distilled water used in the pumps (top chamber). Deionized (DI) water is used in the cell pump and in the sample cell, which has a volume of 2300 mL.

Figure F3. Shipboard porosity, permeability, and grain size analysis results, Site U1517.

Figure F4. Shipboard porosity, permeability, and grain size analysis results, Site U1518.

Figure F5. Shipboard porosity, permeability, and grain size analysis results, Site U1519.

Figure F6. Shipboard porosity, permeability, and grain size analysis results, Site U1520.

Figure F7. Permeability plotted as a function of porosity at the highest effective stress for all samples.