



Figure S1. Geothermal heat flux (mW m^{-2}) at the Siple Coast, West Antarctica. (a) Geothermal heat flux from *Shapiro and Ritzwoller* [2004], derived from global seismic model. (b) Geothermal heat flux from *Maule et al.* [2005], derived from satellite magnetic data. Black contours show surface velocity of ice streams. Axes (x,y) show distance (km) in a polar stereographic grid with reference to 76.727°S and 141.53°W .