



Sources: Kent et al. melt inclusion sampling - Adam Kent's homepage (<http://www.science.oregonstate.edu/~kentad/>). ODP/DSDP sites - Janus Database (<http://www-odp.tamu.edu/database/>). Analysis of DSDP samples - Hickey-Vargas, pers. com., 2005 and Reagan, pers. com., 2005. Hilton and Fischer magmatic volatile studies - Virtual expedition website (<http://sio.ucsd.edu/japan/science/>). 2004 JAMSTEC multibeam and Shinkai 6500 dives - Reagan, pers. com., 2005. Shear wave splitting results - Anglin and Fouch, GRL **32**, 2005.