

Figure F1. A–F. Hysteresis parameters vs. depth, Hole U1439C. Petrologic units are described in the [Site U1439](#) chapter (Reagan et al., 2015a).

Figure F2. Saturation magnetization vs. (A) Al_2O_3 , (B) TiO_2 , and (C) MgO concentrations from portable X-ray fluorescence measurements made on board on parts of Hole U1439C core ≤ 60 cm away from samples used for hysteresis measurements.

Figure F3. Day plot for samples from Hole U1439C, with the mixing lines of Dunlop (2002). Blue = samples with $M_s > 0.1 \text{ Am}^2/\text{kg}$, green = samples with $M_s < 0.1 \text{ Am}^2/\text{kg}$.

Figure F4. A–F. Hysteresis parameters vs depth, Hole U1440B. Petrologic units are described in the [Site U1440](#) chapter (Reagan et al., 2015b).

Figure F5. Day plot for samples from Hole U1440B, with the mixing lines of Dunlop (2002). Light green = samples from the volcanic extrusive unit, dark

green = samples from the transition unit, blue = samples from the dikes units. Petrologic units are described in the [Site U1440](#) chapter (Reagan et al., 2015b).

Figure F6. A–F. Hysteresis parameters vs depth, Hole U1442A. Petrologic units are described in the [Site U1442](#) chapter (Reagan et al., 2015c).

Figure F7. Saturation magnetization vs. (A) Al_2O_3 , (B) TiO_2 , and (C) MgO concentrations from portable X-ray fluorescence measurements made on board on parts of Hole U1442A core ≤ 60 cm away from samples used for hysteresis measurements.

Figure F8. Day plot for samples from Hole U1442A, with the mixing lines of Dunlop (2002). Blue = samples with $M_s > 0.1 \text{ Am}^2/\text{kg}$, green = samples with $M_s < 0.1 \text{ Am}^2/\text{kg}$.