Supplemental Figure 1. Comparison of L* star data determined by shipboard spectrophotometer at 2 cm resolution (red) to that extracted from line-scanner imagery at full 0.01 cm resolution (light blue). Scanner data downsampled to 2 cm (dark blue) is highly correlated with spectrophotometer data ($R^2 = 0.95$). Line-scanner images were converted from sRGB to lab ($L^* a^* b^*$) color space using the matlab functions `makecform` and `applycform` to create and apply an appropriate color transformation structure (e.g., `srgb2lab`). $L^*$ values were then scaled from 0 to 100.
Supplemental Figure 2. Post-ablation photomicrographs of individual grains analyzed by LA-ICP-MS to obtain the Mg/Ca and Sr/Ca ratios shown in Figure 6.
Supplemental Figure 3. MTM power spectrum of MIS 6 HSG exhibits one 99% significant peak at an approximate 1/950 year period. Upper dashed line is 99% confidence. Lower is 95%.

Obrochta et al., 2014 Climate variability and ice-sheet dynamics during the last three glaciations
Supplemental Figure 4. Same data as Figure 7 but also including the MIS 2-4 analysis of HSG (Obrochta et al., 2012).

Supplemental Reference