

**Figure F1.**  $\text{CaCO}_3$ , TOC, and TN contents and C/N ratio of sediment samples from Site U1471 compared to sediment lightness ( $L^*$ ) and RGB green spectral channel of core section digital images. Orange bars = periods of high RGB green and  $L^*$  values, which can be interpreted to represent interglacial or interstadial periods.