Supplement of

Terrigeneous material supply to the Peruvian central continental shelf (Pisco 14° S) during the last 1100 yr: paleoclimatic implications

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Figure S1: Grain-size data distribution corresponding to the entire record (overlapping of the B040506 and G10-GC-01 sediment core). Two modes of grain sizes are apparent. A first one with finest grains range from ~2 to 15 µm; and the second one with coarser grains varied between of ~50-120 µm.

Figure S2: Variability proportion (coefficient of determination) obtained by principal components analysis (PCA) based on grain-size classification of Wentworth (1922). Four components can explain 97% of the total variability of the samples.