Figure S1: Calculation of $\delta^{15}NO_3^-$ source signatures based on equations of the linear regression gained by the direct comparison of $\delta^{15}N_{Bulk}$ versus $\delta^{30}Si_{BSi}$ for the CWP (a-c), the LIA (arid; d, e) and LIA (humid). Black lines indicate the estimated linear regression. Dashed lines indicate the resulting 1:1 utilization line.