Site: KER1; Element: Mn (%cps sum) WLS\_wt:  $y = 36 + 658 \cdot x$ ,  $R^2 = 0.0207$ , P = 3.5e-10OLS\_wt:  $y = 8.1 + 1057 \cdot x$ ,  $R^2 = 0.441$ , P = 8e-08WLS:  $y = 15 + 919 \cdot x$ ,  $R^2 = 0.548$ , P = 3.5e-10OLS:  $y = 81 + 507 \cdot x$ ,  $R^2 = 0.48$ , P = 1.3e-083e+03 n = 522e+03 Mn [ICPMS] (ppm) 1e+03 0e+00 -1e+03 0.5 1.5 2.0 0.0 1.0 2.5 Mn [XRF-CS] (%cps sum)

OLS\_wt