

Information on the data belonging to “Ba incorporation in benthic foraminifera” by De Nooijer, L.J., Brombacher, A., Mewes, A., Langer, G., Nehrke, G., Bijma, J., and Reichart, G.J.

The accompanying excel file contains three sheets: the first two have the laser ablation-ICP-MS data of the analysed specimens of *Heterostegina depressa* and *Amphistegina lessonii*, respectively. The third pages lists the measured Ba and other ions in the culture media (treatments A-E).

The foraminiferal data contains the Glitter-processed average concentrations of 12 masses (in rows 9-19) for the samples and standards measured. The samples are named as follows: the name of the LA-stub (e.g. 'AB5'), position on the stub and measurement number. Since there is only one foraminiferal specimen at one position on the LA-stub, samples with a name containing the same 'middle' number, reflect multiple measurements on a single specimen. Standards are not placed on LA-stubs and are simply named 'N610' and 'GJR' (the latter is the name of the in-house calcite standard). All values are reported in ppm: details on the settings of the ICP-MS and laser system can be found in the accompanying article.

The third sheet contains the measured minor and major element compositions of the five culture treatments (A, B, C, D and E). Information on the analytical procedures can be found in the accompanying paper. Ba-concentrations were measured on a Thermo X series ICP-MS and all other elements were determined on a Thermo Element2 ICP-MS after dilution of 100-fold. Concentrations for Ba are reported in nmol/L, the other elements are reported in mg/L (first column) and in mol/L (second column).