This archive contains the data used in the article *"The "glass beads" coupling solution for borehole/posthole accelerometers: Shaking table tests and field retrievability"*, by Fabrice HOLLENDER, Nikolaos THEODOULIDIS, Armand MARISCAL, Thierry CHAUDAT, Jamison STEIDL, Pierre-Yves BARD and Zafeiria ROUMELIOTI, published in SRL.

There is a single ASCII file containing all the data recorded on the shaking table. The data table contains 12 columns:

- 6 columns corresponding to the raw data (converted to [g] but without further correction): the 3 components of the surface sensor + the 3 components of the borehole sensor
- 6 columns corresponding to the processed data (full instrumental correction between 0.2 and 80 Hz + a rotation of the horizontal components of the borehole sensor to reorient them taking the surface sensor as reference): the 3 components of the surface sensor + the 3 components of the borehole sensor.

The sampling rate is 200 Hz.

The signals have a total duration of about 30 min, i.e. the full duration of the shaking table experiment.