

PEBBLE SORT V 1.0

AN EXCEL MACRO TO SORT PEBBLE COUNT DIAMETERS IN DESCENDING ORDER AND TO TABULATE THEM BY 0.5 PHI INTERVALS.

by Andre Lehre
Geology Dept., Humboldt State University

TO ABORT THE PROGRAM AT ANY TIME, SIMULTANEOUSLY HOLD DOWN THE COMMAND (CLOVERLEAF) AND PERIOD KEYS.

To use **PebbleSort**, open an Excel worksheet and enter the pebble diameters in mm into column A, beginning with cell A1. If any of the diameters fall into the < 2mm category, enter those values as 1.5. Then run PebbleSort. The diameters will be sorted in descending order and the ϕ equivalents calculated and entered in column B. The macro then loops through the ϕ values and tabulates the number of diameters falling into each 0.5 ϕ size category. The results are displayed in column F, with the corresponding lower limits of each class given in columns D (ϕ) and E (mm).

The tabulated values in column F can be copied and pasted into the worksheet created by the PARTICLE SIZE (PtxSize) macro.

This macro has been protected to prevent inadvertent modification. The password is Wolman.