



Stone data checklist

Colour	Munsell chart number or in absence, colour descriptors such as white, yellow, grey, buff etc
Grain size	Coarse 0.5 - 2mm Medium 0.25 - 0.5mm Fine <0.25mm
Grain shape	a) angular, sub-angular/sub-rounded, rounded. b) low sphericity, high sphericity See figure 1
Grain sorting	well sorted, moderately sorted, poorly sorted. See figure 2
Grain types	quartz, feldspar, mica, lithic fragments, mud flakes, metal oxides
Cement	quartz, calcite, iron oxide.
Veins and diagenesis	quartz, calcite, iron oxide
Sedimentary textures	bedding (note scale): none, planar, cross-bedded.
Fossils	Record what it is preserved in (carbon, calcite) or whether it is just a shape. Identify if possible and photograph with a scale.

This list is not exhaustive. Do note anything which cannot be categorised using the checklist and take a good quality picture and send it in.

It will often only be possible to collect a subset of this data. Some data is better than no data.

Look for the predominant type(s) of stone and observe 2-3 stones of this(each) category in detail.

Where stones are found which are not typical of a Wall section these should be specifically noted, and data recorded where possible.

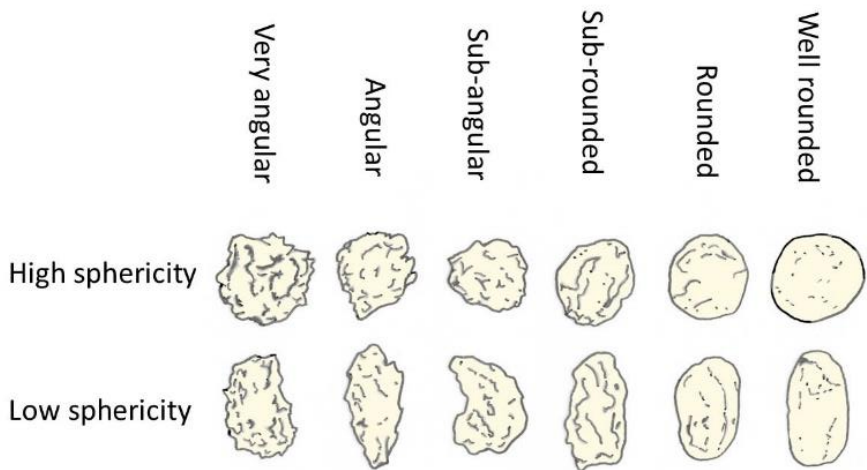


Figure 1: Grain Shape a) rounded/angular v b) sphericity

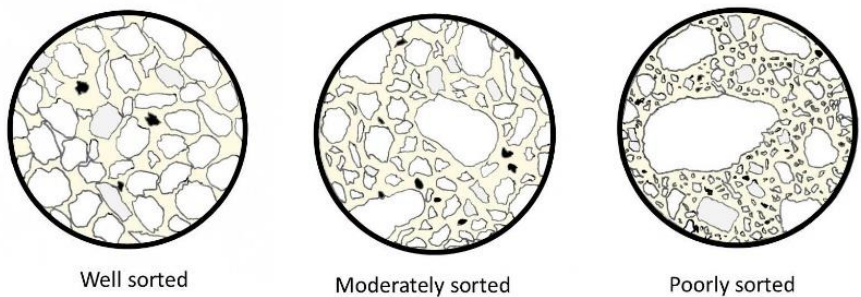


Figure 2: grain sorting