

# All archive types

- ① Obtained from a GSD function by Coulter counters — 5% relative  $1\sigma$
- ② Obtained from a GSD function by laser diffraction — 20% relative  $1\sigma$
- ③ Calculated from size bins (e.g.,  $<2\ \mu\text{m}$ ,  $2\text{-}63\ \mu\text{m}$ ) — 30% relative  $1\sigma$
- ④ Calculated from the mean grain size — 40% relative  $1\sigma$
- ⑤ If assumed based on independent information — 60% relative  $1\sigma$

+10% if assumed as in close-by site (with similar environment)

+10% if estimated visually