Grain-Size Sorting (Sample Standard Deviation)

Particle Standard Deviation Range (ϕ)	Sorting Classifier
$\sigma_\phi < 0.35$	Very Well Sorted
$0.35 \geq \sigma_\phi < 0.50$	Well Sorted
$0.50 \geq \sigma_\phi < 0.71$	Moderately Well Sorted
$0.71 \geq \sigma_\phi < 1.00$	Moderately Sorted
$1.00 \geq \sigma_\phi < 2.00$	Poorly Sorted
$2.00 \geq \sigma_\phi < 4.00$	Very Poorly Sorted
$\sigma_\phi > 4.00$	Extremely Poorly Sorted