

Analogue	Represents	Specific surface area/cm ² g ⁻¹	In-house processing	Comments
Fused quartz	MSPs	4.85 ± 0.06	None	Produced by melting and flash freezing quartz
Fumed silica	MSPs	195 ± 3	None	Fractal agglomerates. Produced by flame pyrolysis
MgFeSiO ₄	MSPs	208 ± 2	Hand ground	“Folded sheets” morphology (James et al., 2017)
NWA 2502	MFs	5.75 ± 0.05	Ball milled	CV3 – Contains magnetite
Chergach	MFs	0.44 ± 0.14	Hand ground	H5 – Low carbonaceous content
Allende	MFs	1.22 ± 0.15	Hand ground	CV3 – Contains calcium/aluminium inclusions