

Table S3 Microscopic description of achromatic pottery

Sample Code	Aplastic Inclusions							Groundmass		
	Distribution	Sorting	Grain-size	MGS (mm)	Packing (% area)	Composition - monomineralic grains	Composition - rock fragments	Clay lumps	Optical activity	Macro porosity (area %)
RC278	homogeneous	serial	CSi (C), VFSa (P), FSa (P), MSa (P), CSa (C), VCSa (C),	1.6	30-40	Qtz (++), Pl (r), Kf (r), Mca (r)	spathic calcite (+++), benthic foraminiferal remains (+), limestones (+/r)	+	inactive	5
RC279	moderately homogeneous	serial	CSi (C), VFSa (C), FSa (C), MSa (C), CSa (C), VCSa (C), VFG (C)	4	30-35	Qtz (++), Pl (r), Kf (r), Mca (+)	spathic calcite (+++), benthic foraminiferal remains (+/r)	+	inactive	10-15
RC280	homogeneous	serial	CSi (C), VFSa (A), FSa (A), MSa (C), CSa (S), VCSa (S)	1.7	35-40	Qtz (+), Kf (r), Mca (+)	spathic calcite (+), predominantly recrystallized benthic foraminiferal remains (+++)	+	inactive	5-10
RC281	homogeneous	serial	CSi (C), VFSa (C), FSa (C), MSa (P), CSa (P), VCSa (R)	1.8	40	Qtz (+), Pl (r), Kf (r), Mca (r)	spathic calcite (+++)	-	inactive	5
RC282	moderately homogeneous	serial	CSi (C), VFSa (C), FSa (C), MSa (C), CSa (S), VCSa (S),	1.7	40	Qtz (+), Pl (r), Kf (r), Mca (r)	spathic calcite (+++)	s	inactive	5-10
RC283	homogeneous	serial	CSi (C), VFSa (C), FSa (C), MSa (C), CSa (R), VCSa (R)	1.3	35-40	Qtz (+/r), Pl (r), Kf (r), Mca (r)	spathic calcite (+++), benthic foraminiferal remains (r)	-	inactive	5
RC284	heterogeneous	serial	CSi (P), VFSa (P), FSa (C), MSa (C), CSa (R), VCSa (R)	1.4	15-20	Qtz (+), Kf (r), Pl (r), Mca (+)	spathic calcite (+++), benthic foraminiferal remains (+/r)	++	slightly active/inactive	5-10
RC285	moderately homogeneous	serial	CSi (C), VFSa (C), FSa (C), MSa (C), CSa (C), VCSa (R), VFG (R)	2.1	20-25	Qtz (+/r), Pl (r), Kf (r), Mca (+)	spathic calcite (+++), benthic foraminiferal remains (+)	r	slightly active/inactive	5
RC286	homogeneous	serial	CSi (C), VFSa (P), FSa (C), MSa (C), CSa (C), VCSa (R), VFG (R)	2.5	25-30	Qtz (++), Pl (r), Kf (r), Mca (r)	spathic calcite (+++), benthic foraminiferal remains (+/r)	s	slightly active	5-10
RC287	homogeneous	serial	CSi (P), VFSa (P), FSa (C), MSa (C), CSa (R)	1.7	25-30	Qtz (++), Pl (r), Kf (r), Mca (+)	spathic calcite (+++), benthic foraminiferal remains (r)	r	active	15

Legend: Grain size distribution: CSi = coarse silt (0.04-0.06 mm); VFSa = very fine sand (0.06-0.125 mm); FSa = fine sand (0.125-0.25 mm); MSa = medium sand (0.25-0.5 mm); CSa = coarse sand (0.5-1 mm); VCSa = very coarse sand (1-2 mm); VFG= very fine gravel (2-4 mm); P = prevalent, A = abundant, C = common, S = sporadic, R = rare; Abundance of monomineralic grains and clay lumps: (+++) abundant, (++) common, (+) sporadic, (r) rare; (-) = not detected; MGS = Maximum Grain Size; Qtz = quartz; Pl = Plagioclase; Kf = K-feldspar; Mca= Mica.