

Table S4 Microscopic description of incised/excised pottery samples (Stentinello II ware).

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 %)
RC288	Homogeneous	serial	CSi (C), VFSa (C), FSa (P), MSa (P), CSa (C), very CSa (C)	1.3	30	Qtz (++), Pl (r), Kf (r), Mca (s/r)	spathic calcite (+++), benthic foraminiferal remains (+), limestones (+/r)	++	slightly active	5-10
RC289	Homogeneous	serial	CSi (C), VFSa (C), FSa (C)	0.4	30	Qtz (+++), Pl (s/r), Kf (s/r), Mca (+)	benthic foraminiferal remains (++/+), limestones (+)	++	slightly active/inactive	5-10
RC290	Homogeneous	serial	CSi (C), VFSa (P), FSa (P), MSa (R)	0.3	30	Qtz (r/s), Mca (r), Kf (r)	spathic calcite (+++), benthic foraminiferal remains (+), organogenic limestones (r)	s	slightly active/inactive	5
RC291	Moderately homogeneous	serial	CSi (C), VFSa (C), FSa (C), MSa (C), CSa (S), VCSa (S)	2.8	25-30	Qtz (+/s), Kf (s/r), Mca (s)	calcareous bioclasts, primarily composed of Globigerinidae (+++)	++	slightly active/inactive	10
RC292	Heterogeneous	serial	CSi (C), VFSa (C), FSa (P), MSa (C), CSa (S), VCSa (S)	1.5	25	Qtz (+), Kf (r), Pl (r), Mca (r)	spathic calcite (+++), benthic foraminiferal remains (+/r)	s	slightly active/inactive	10
RC293	Moderately homogeneous	serial	CSi (S), VFSa (C), FSa (P), MSa (A), CSa (A), VCSa (C)	1.2	25-30	Qtz (+), Pl (r), Kf (r), Mca (r)	spathic calcite (+++), benthic foraminiferal remains (+/r)	++	slightly active	15
RC294	Homogeneous	serial	CSi (A), VFSa (A), FSa (A)	0.3	40	Qtz (+), Mca (r), Kf (r)	calcareous bioclasts, primarily composed of Globigerinidae (+++)	s	slightly active/inactive	5-10
RC295	Moderately homogeneous	serial	CSi (C), VFSa (C), FSa (P), MSa (C), CSa (R)	0.7	25-30	Qtz (r), Kf (r), Mca (r)	calcareous bioclasts, primarily composed of Globigerinidae (+++)	s	slightly active	5-10
RC296	Homogeneous	serial	CSi (C), VFSa (P), FSa (C), MSa (C), CSa (S)	0.7	35-40	Qtz (+), Kf (r), Pl (r), Mca (r)	spathic calcite (+++), benthic foraminiferal remains (+/r)	s	inactive	5-10
RC297	Homogeneous	serial	CSi (A), VFSa (P), FSa (A), MSa (S), CSa (S)	1.0	25-30	Qtz (+), Kf (r), Pl (r), Mca (r)	spathic calcite (+++), benthic foraminiferal remains (+)	r	slightly active	5%

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.