

BUILDING MATERIALS

3.1 Fired clay data by Cynthia Poole

Context	Sample	Nos.	Wt	MFW	Fab	Type	Form	Firing	Description
F1062 (1)		1	14	14.00	D	Util	Util	Baked	Flat surface; ?oven daub.
F1063/1 (2)	4068	3	5	1.67	F	OL	Oven wall/ lining	Fired intensely	Two fragments have hard blackened surface.
F1063/1 (2)	4606	1	8	8.00	F	OL	Oven wall/ lining	Fired	Flat surface fired reddish brown.
F1063/3 (4)	4607	2	16	8.00	E	Unid	Unid	Lightly baked	Amorphous.
F1064 (1)	4608	1	4	4.00	F	Unid	Unid	Fired	Amorphous.
F1073 (1)	4600	1	26	26.00	D	Util	Util	Fired	Rough flat surface.
F1081 (1)	4601	4	3665	916	C	Wall	Wall	Unfired	Rough flat surface with curving edge. Flint impressions on back. Best interpreted as daub cob from wall.
F1100 (1)	4602	4	68	17.00	E	OL	Oven wall/ lining	Baked, burnt	Flat smooth surface, burnt or sooted on one side and with a skim of white mortar on the other side.
F1102 (1)	4603A	1	18	18.00	C	OL	CD lining	Sooted	Amorphous, but same material as F1102 (3).
F1102 (1)	4603B	2	58	29.00	D	OL	CD lining/ floor	Fired - baked	Smooth flat surface and part of rounded edge on the larger fragment.
F1102 (2)	4604	5	20	4.00	E	OL	CD lining/ floor	Baked	Flat surface on one fragment, but others amorphous. Similar to other material from F1102.
F1102 (3)	4605	1	76	76.00	C	OL	CD lining	Sooted	Flat irregular surface with sooting. Other surface flat, irregular, undulating, but smoother than blackened side.
F1112 (1)	4598A	9	9785	1087	C	Ov	Oven wall & StH	Fired	Large massive blocks, but few with evidence of shape. One has a flat surface. Another has a flat surface joining to a curving edge, which could be the rim of a stokehole opening; the surface was undulating with finger groove/tip impressions.

Context	Context descr.	Phase	Thickness	Impressions	Fabric	Colour	Fabric descr.	S. No.	Date
F1062 (1)	Robbing of PH	19th C: Victorian	12 mm th	None	D	Yellowish red; reddish yellow	Frequent inclusions of chalk and burnt chalk (R) 0.5-4 mm.		
F1063/1 (2)	Ditch	Roman	10-20 mm	None	F	Red-orange; grey	Fine silty clay matrix with chalk sand/grit.	4068	
F1063/1 (2)	Ditch	Roman	12 mm th	Burnt out chaff?	F	Reddish orange brown, black	Fine sandy clay with rare flint grit c. 1-2 mm.	4606	
F1063/3 (4)	Ditch	Roman	~	None	E	Pinkish yellow-brown	Chalk 1-8 mm.	4607	
F1064 (1)	Grave	Sub-Roman?	~	None	F	Reddish brown, grey	Coarse sand occasional-common.	4608	
F1073 (1)	Post pit	Roman	24 mm th	None	D	Yellowish red, pink	Frequent chalk (R-SR) and burnt chalk (SR-SA) 0.5-3 mm; occasional flint (A) up to 5 mm.	4600	
F1081 (1)	Post pit	Roman	50 mm th	None	C	Pale brown	Frequent coarse chalk and flint up to 25 mm.	4601	
F1100 (1)	Path	Georgian	10 mm th	None	E	Red, reddish brown	Small chalk (R) 1-3 mm common.	4602	
F1102 (1)	Corn drier	Roman	~	None	C	~	Same fabric as F1102 (3).	4603A	
F1102 (1)	Corn drier	Roman	30-34 mm th	None	D	Reddish yellow-orange, pinkish brown, grey	Small chalk (R) 0.5-8 mm common; burnt chalk 0.5-3 mm occasional; flint (A) c. 2 mm rare.	4603B	
F1102 (2)	Corn drier	Roman	>12 mm th	None	E	Reddish brown	Low density of chalk grit and flint grit 1-3 mm.	4604	
F1102 (3)	Corn drier	Roman	22 mm th	None	C	mid-light brown	Common chalk 1-8 mm.	4605	
F1112 (1)	Ritual shaft	LIA	220x140x120 mm; 80 mm thick; 190 mm x 125 mm thick	None	C	Very pale brown-buff	Matrix: chalky/calcareous silty clay/clay marl; high density of inclusions mostly chalk 1-25 mm and lesser quantities of flint (A) 5-60 mm.	4598A	

Context	Sample	Nos.	Wt	MFW	Fab	Type	Form	Firing	Description
F1112 (1)	4598B	9	1415	157	D	Ov	Oven wall	Fired	One fragment with flat surface and high density of small burnt chalk grit at surface has shallow semi-circular groove 22 mm wide and sloping down as though it might have become a perforation. Another fragment had a flat smooth surface blackened and sooted. Another piece had a curved convex surface and an otherwise unshaped small piece had a possible wattle impression.
F1112 (1)	4598C	13	965	74.23	E	Unid	Unid	Fired	Most fragments were unshaped/amorphous.
F1116/1 (1)	4608	4	14	3.50	F	Util	Util	Fired	Flat smooth surface. All the fired clay from F1116 is clearly part of the same structure/object, although there was some variation in the degree of firing.
F1116/1 (2)	4609	2	13	6.50	F	Util	Util	Baked	Flat smooth surface.
F1116/1 (3)	4610	3	20	6.67	F	Util	Util	Baked	Flat smooth surface.
F1116/1 (4)	4611	1	26	26.00	F	Util	Util	Baked	Flat surface joining to a rounded edge. Finger grooves from moulding ran across the flat surface parallel to the edge.
F1118 (1)	4133	7	18	2.57	F	HL	Hearth	Fired	Some pieces with flat surface.
F1118 (1)	4162	1	2	2.00	F	HL	Hearth	Fired	Amorphous; worn, rounded.
F1119 (2)	4131	5	10	2.00	F	FL	Hearth	Fired	Two fragments with highly fired vitrified surface.
F1120 (1)	4130B	2	2	1.00	E	HL	Hearth	Fired/ baked	Worn surface.
F1120 (1)	4130A	41	60	1.46	F	FL	Hearth	Fired	Some pieces with flat surfaces; many amorphous fragments. Two fragments with black vitrified slaggy surface typical of furnace lining.
F1120 (1)	4612	7	14	2.00	F	HL	Hearth	Fired	Mostly amorphous fragments. Possible remnant of surface on one piece.
F1120 (2)	4613	1	2	2.00	F	HL	Hearth	Fired	Amorphous.

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F1112 (1)	Ritual shaft	LIA	70 mm thick & 110 mm x 60 mm thick	Wattle impression: 16 mm diam	D	Pink-buff	Burnt chalk grit 2-3 mm, throughout matrix, but in very high density at surfaces. Other inclusions chalk (SA) up to 13 mm and flints (A) up to 46 mm.	4598B	
F1112 (1)	Ritual shaft	LIA	up to 100 mm size	None	E	Red, pink, reddish brown	Essentially same composition as 4551A.	4598C	
F1116/1 (1)	QH (ditch)	IA	>18 mm th	None	F	Yellowish brown surface (intensely fired); red interior (well fired)	High density of medium-coarse sand mostly quartz, flint and rare chalk sand; the larger fragments have scattered flint (A) grit 3-10 mm.	4608	
F1116/1 (2)	QH (ditch)	IA	>15 mm th	None	F	same as [4608]	same as [4608]	4609	
F1116/1 (3)	QH (ditch)	IA	>20 mm th	None	F	same as [4608]	same as [4608]	4610	
F1116/1 (4)	QH (ditch)	IA	>20 mm th	None	F	same as [4608]	same as [4608]	4611	
F1118 (1)	Smithing hearth?	Roman	8-15 mm	None	F	~	~	4133	
F1118 (1)	Smithing hearth?	Roman	10 mm	None	F	~	~	4162	
F1119 (2)	Smithing hearth?	Roman	5-15 mm	None	F	Red-orange; black-dark grey at surface	Fine silty sandy clay. Heavily vitrified and vesicular at surface.	4131	
F1120 (1)	Smithing hearth?	Roman	8 mm thick x 15 mm	None	E	~	~	4130B	
F1120 (1)	Smithing hearth?	Roman	10 mm thick; fragments up to 30 mm	None	F	Red-orange; black-dark grey at surface	Fine silty sandy clay. Heavily vitrified and vesicular at surface.	4130A	
F1120 (1)	Smithing hearth?	Roman	10-20 mm	None	F	Orange red	Sandy clay with flint sand and rare flint grit up to 6 mm.	4612	
F1120 (2)	Smithing hearth?	Roman	15 mm	None	F	~	same as [4612]	4613	

Context	Sample	Nos.	Wt	MFW	Fab	Type	Form	Firing	Description
F1128 (1)	4072B	4	5	1.25	C	Unid	Unid	Fired	Amorphous.
F1128 (1)	4072A	5	10	2.00	F	Util & StD	Util & StD	Fired	Some surfaces in evidence. One fragment is covered in straw stem impressions forming small cake 25x10x>24 mm (straw impressed disc).
F1128 (1)	4614	5	195	39.00	K	OC	Oven cover	Baked	Although 3 fragments have no shape, at least 2 and probably all join/joined to the shaped fragments and are all part of a single object. An area of very flat smooth surface is preserved, which was possibly slightly blackened or sooted, and joins to a curved edge, which looks like the edge of a central flue piercing an oven cover. The surface is damaged and only the base of the curve is preserved as it curves back under to form the lower surface of the cover. This flue surface and underside are more irregular than the top with finger tip depressions. This fragment may not have been part of a full oven cover, but from the way the base surface recurves to echo the flue rim, suggests it may have been a repair to a damaged flue.
F1128 (2)	4615	3	10	3.33	K	OC	Oven cover	Baked	Remnants of flat surface on one piece.
F1128 (4)	4599	4	75	18.75	K	OC	Oven cover	Lightly baked	Fragment from the lip of the central circular flue of an oven cover. Part of the flat top survived and it joined to the curved rim of the flue and the start of the return curve to the underside.
F1138 (2)	4135	18	20	1.11	F	FL	Furnace lining	Fired	Most fragments amorphous, but some with flat surface and one piece with heavily vitrified/vesicular surface.
F1138 (2)	4616	7	45	6.43	F	FL	Hearth lining	Fired	Irregular coarse granular surface. Fired purple.
F1141 (2)	4196	4	10	2.50	F	HL	Hearth lining	Fired	Smooth flat surfaces on two fragments; rougher and more fired surface on third.
F1143 (1)	4617	4	20	5.00	F	FL	Furnace lining	Fired	Irregular coarse granular surface. Fired purple.
L743	4596B	1	10	10.00	A	Util	Util	Fired	One flat smooth surface. It is not clear whether the reverse surface is original moulded surface or a broken worn surface.
L743	4596A	1	2	2.00	F	Util	Util	Fired	Flat surface.
L748	4597	2	56	28.00	F	Unid	Unid	Fired	Amorphous.

Context	Context descr.	Phase	Thickness	Impressions	Fabric	Colour	Fabric descr.	S. No.	Date
F1128 (1)	QH (quarrying of earlier ditch)	Roman (ditch - IA)	10-20 mm	None	C	Buff, pale yellowish brown	Calcareous silty clay matrix and frequent subangular rounded chalk 0.5-3 mm.	4072B	
F1128 (1)	QH (quarrying of earlier ditch)	Roman (ditch - IA)	8-25 mm	Straw stems 1-4 mm wide x ->15 mm long	F	Red-orange; grey	Low density of coarse sand/grit of chalk and flint.	4072A	
F1128 (1)	QH (quarrying of earlier ditch)	Roman (ditch - IA)	45 mm th x >85 mm wide	None	K	Red, reddish brown with light brown streaks	Virtually no inclusions: very rare angular flint 14 mm.	4614	IA
F1128 (2)	QH (quarrying of earlier ditch)	Roman (ditch - IA)	~	None	K	~	~	4615	IA
F1128 (4)	QH (quarrying of earlier ditch)	Roman (ditch - IA)	58 mm thick	None	K	Orange-red, streaky	Fine clay/silty clay. Virtually no inclusions: rare chalk grit 1-2 mm. Reading Beds type clay; possibly derived from local clay-w-flints capping.	4599	IA
F1138 (2)	Smithing hearth?	Roman	10 mm thick; 5-30 mm	None	F	~	~	4135	
F1138 (2)	Smithing hearth?	Roman	25 mm th	None	F	Purple-weak red and grey surface; orange-red interior	Sandy clay with scattered angular flint grit 1-2 mm.	4616	
F1141 (2)	Smithing hearth	Roman	10 mm thick; 10-30 mm	None	F	~	~	4196	
F1143 (1)	Post pit	Roman	>15 mm th	None	F	Purple-weak red and grey surface; orange-red interior	Clay containing occasional grit 2-4 mm: chalk, burnt flint and quartz sand.	4617	
L743	Subsoil and flints		12 mm th	None	A	Brownish orange and grey	Very high density of medium-coarse sand: quartz sand, calcite and Fe. Assigned to Fabric A as it is closest to this, but this sample is not typical.	4596B	
L743	Subsoil and flints		>9 mm th	None	F	~	~	4596A	
L748	Chalk make-up	Roman	50x35x25 mm	None	F	~	Fine sandy clay.	4597	

Context	Nos.	Wt	Fab
Unid	22	1046	A, C, E, F
Wall	4	3665	C
Oven structure	35	11453	C, D, E, F
Util	18	130	D, F
Furnace / hearth lining	97	203	E, F
St Disc	1	5	F
OC	12	280	K
Totals	365	29826	
Fab A	1	10	
Fab C	19	13549	
Fab D	13	1513	
Fab E	26	1071	
Fab F	118	359	
Fab K	12	280	