Location	Feature	Dimensions, m (length x width)	Reference
Bagot's Park, Staffordshire	Furnace 1	3.9 x 1.7	Crossley 1967
Bishop's Wood, Staffordshire		2.6 x 2.0	Kenyon 1967: 79
Blunden's Wood, Surrey	Kiln A	3.3 x 2.4	Wood 1965
Fernfold, W. Sussex		4.7 x 2.1	Kenyon 1967: 79
Hutton Common, N. Yorkshire		3.2 x 2.8 *	Crossley & Aberg 1972
Knightons, Surrey	Furnace 1	4.46 x 3.23	Wood 1982
Knightons, Surrey	Furnace 2	4.3 x 2.7	Wood 1982
Little Birches, Staffordshire	Furnace 1	4.3 x 2.2	Welch 1997
Rosedale, N. Yorkshire		3.6 x 3.0 *	Crossley & Aberg 1972
St. Weonards, Herefordshire		3.6 x 1.2	Bridgewater 1963
Vann Copse, Surrey		3.6 x 1.8 *	Kenyon 1967: 79

Table 5.1: Medieval rectangular (northern) glass production furnaces: dimensions of excavated remains (* excluding wings).

Ref.	Sample Description
H1	Substantially heat affected clay: red/yellow/brown – 5YR 6/8. Part of furnace dome?
H2	Stone and glass spillage. Opaque green/blue spillage. Evidence of surface oxidation. Dark brown heat affected stone.
H3	Baked clay and glass spillage. Thin layer of glass spillage: black/light blue colouring sandwiched between limestone (?) fragment and baked clay. Dark brown with small patches of light red. Spillage appears to have penetrated a crack between stonework and clay material.
H4A	Slag. 3 pieces. Dark brown/black coloration. Surface degradation: flaky pearlescence.
H4B	Very dark brown/black object. Slag or remains from glass working? Evidence of a cut edge. Flaky surface pearlescence.
H4C	Slag. Colour and surface as H4A. Evidence of porosity: 1 to 2 mm diameter voids over 20% of surface.
H4D	Rough shaped piece. Dark green colour, translucent and dense. Surface degradation, signs of outer surface decoration. Slag or (more likely) cullet.
H4E	Cullet and working waste. 8 pieces. Light green and blue to "clear". 1 piece with surface decoration: clear glass. Surface degradation.
H4F	Spillage. 2 pieces. Clear/light green coloration. 1 piece: surface markings suggest it was from a larger gob broken up.
H4G	Slag/cullet. Dark brown/black colour, dense material. Some of the surfaces suggest deliberate shaping. Some surface degradation.
H4H	5 pieces: assumed to be waste from their general shape. Dark brown/green/black colour, dense material. Heavy surface degradation.

Ref.	Sample Description
R1	Glass fragments: 12 pieces of waste, cullet and spillage. Translucent light green. Small amount of surface degradation.
R2A	Crucible fragment. 15mm thick ceramic material (dark grey) sandwiched by two thin layers (1mm) of white/light grey slip; pockmarked, no glaze. Uniform material, no obvious signs of temper.
R2B	Crucible fragment. As R2A above. Variation in thickness 15-18mm.
R3A	Thin layer of glass spillage onto baked clay/stone.
R3B	Glass spillage onto clay surface. Green colour? Appearance very similar to iron smelting tap slag: ropey flow surface, porous, light material.
R3C	Glass spillage as R3A above. Light red colour of baked clay.
R3D	Layer of dark green/black coloured glass on red/brown baked clay.
R3E	Baked clay: 5YR 6/8 coloration. Layer of material attached which gives the appearance of being "corrosion" (red/yellow/brown): origin unknown.
R3F	Heat affected clay: light brown, traces of 5YR 6/8. Remnants of possible glass spillage layer evident.
R4	Crucible fragment with a 9cm by 4cm mass of glass attached: residual of a melt? Crucible: 18mm thick sides by 25mm thick base. Light grey uniform material, no obvious signs of temper, small areas (*c*.2mm dia.) of oxidised (light red) material. Two thin layers (1mm) of white slip, some clear glazing remaining on outer surface of fragment. Layer of stone attached to base. Glass: dark green colour, some surface degradation. Prominent crystalline fractures.

Table 5.2: Glass production residue sample descriptions – Hutton Common (upper) and Rosedale (lower).

Ref.	Sample Description
K1	12 pieces of glass waste/slag fragments: 7 pieces - dark green translucent cullet, some flaky surface degradation, possible surface decoration. 3 pieces - light green translucent cullet (?), some surface degradation. 1 piece - glass spillage onto baked clay. 1 piece - slag, light, porous, ropey flow structure.
K2A	2 pieces of glass waste/slag: 1 piece - dark green translucent waste, minor surface degradation, trapped gas bubbles. 1 piece - dark green/black slag, surface degradation, some glass spillage on one face.
K2B	Glass slag. Dark green/yellow, significant amount of surface damage and degradation. Evidence of stone/baked clay fused into one surface.
K3A	Glass spillage onto stone/baked clay. Light blue/green spillage, some evidence of surface porosity. Heat affected stone/clay, light brown/yellow coloration, some very small areas (*c.*1mm dia.) of oxidation (light red) material.
K3B1 K3B2	2 pieces of glass spillage onto baked clay. Dark green to light blue/green coloration. Baked clay: grey/yellow/brown, some lighter yellow patches.
K3C	3 pieces of glass spillage onto baked clay. Blue/green/yellow translucent spillage material, very little surface degradation. Baked clay as K3B above.
K3D	Glass spillage onto baked clay. Dark to light blue/green coloration, much surface degradation. Baked clay, grey/brown material.
K4A	Glass spillage and slag. Yellow/green spillage lying on porous light brown/cream mass of slag in turn lying on dark brown/grey baked clay material.
K4B	Glass spillage and slag. Spillage: blue/green coloration. Light brown/cream coloured porous slag lying in cracks in light yellow/red/purple coloured heat affected clay.
K4C	5 pieces of glass spillage/slag. Light green/blue coloured spillage. Slag material as K4A above. Baked clay: dark grey.
K5	18 pieces of glass waste/spillage/slag, fragments of varying sizes. Glass: light to dark blue/green/yellow, some surface degradation. Slag: either dark green/black or light brown/cream. Baked clay: dark red/brown. 2 pieces with spillage onto heat affected stone fragments.

Table 5.2 (cont'd): Glass production residue sample descriptions – Knightons.

Ref.	Sample Description
KC1	7cm x 4cm, of varying thickness – 2 to 3cm. Dense yellow/grey material, coarse with no sign of temper. Darker yellow/brown/grey central layer. Curved concave internally and convex externally. Outer surface has a thin layer (<1mm) of white/light grey matt "glaze" of crazed appearance, may be evidence of glass spillage. Inner surface has a thin layer as above, with a pitted light grey appearance.
KC2	15cm x 12cm, thickness varying from 2.5 to 3cm. Dense yellow/light grey material, coarse with no sign of temper but evidence of layers and folds. Some voids *c*.1 to 3mm diameter. Both outer convex and inner concave surfaces have thin layers (<1mm) of pitted light grey appearance.
KC3	12cm x 11cm, thickness varying from 2.5 to 3cm. Base of crucible? Dense dark yellow/grey/blue-grey material, coarse with no sign of temper but evidence of layering. Possibly evidence of uneven firing. Both outer convex and inner concave surfaces have a dark yellow/black coloration. Outer surface has the appearance of being burnished.
KC4	11.5cm x 10cm x 1.5cm thick. Dense yellow/grey material, coarse with no sign of temper but evidence of minor cracks and voids between layering. Outer convex and inner concave surfaces have thin layers (<1mm) of pitted light grey coloration. Both have remnants of glass attached.
KC5	7.5cm x 7cm x 2cm thick. Dense yellow/grey material, coarse with no sign of temper. Some minor cracks and voids. Evidence of uneven firing – small area of dark grey coloration. Outer convex and inner concave surfaces have thin layers (<1mm) of pitted light grey coloration.

Table 5.2 (cont'd): Glass production residue sample descriptions – Knightons crucibles.

Context	Description
2103	(a) 8 fragments of slag ranging in size from (2 x 2 x 1.5)cm to (7.5 x 5 x 5)cm. Dense material of light blue/green, light blue to dark grey coloration. Signs on most pieces of flow marks. Some surface red/yellow/brown discoloration. One of the smaller fragments is magnetic. Weight = 301g. Samples taken. (b) 25 fragments of slag ranging in size from (2 x 1.5 x 1)cm to (7 x 5 x 4.5)cm. 1 piece dense black material, 1 piece dense grey/green material with flow marks, 10 pieces dense black material with some surface red/yellow/brown discoloration and signs of flow marks, 13 pieces lighter porous material with some red/yellow/brown discoloration. Weight = 488g. Samples taken. (c) 19 fragments of slag ranging in size from (3 x 2 x 1.5)cm to (9.5 x 6 x 3)cm. Material of varying densities and porosities, and mainly dark grey in colour. 1 piece dense black & 1 piece dense white/light grey with signs of flow marks. Surface red/yellow/brown discoloration on some of the fragments. Weight = 891g. Samples of light material taken. (d) 17 fragments of slag ranging in size from (3 x 2 x 1)cm to (10 x 8.5 x 8)cm. 1 piece dense black & 1 piece dense white/light grey with signs of flow marks. Remainder: dark grey material of varying porosities. Some surface red/yellow/brown discoloration. Weight = 1.54kg. Samples of dense material taken. (e) 39 fragments of slag ranging in size from (1 x 1 x 1)cm to (13 x 9.5 x 7)cm, mid-range of (6 x 5 x 3)cm. Varying densities, porosities and coloration ranging from black to light blue to light grey/white with some signs of surface flow marks and weathering. Weight = 3.014kg. (f) 33 fragments of slag and 4 pieces of clinker material, size range from (2 x 1.5 x 1)cm to (14 x 14 x 8)cm, mid-range of (6.5 x 6 x 4)cm. Varying densities, porosities and coloration ranging from dark grey/black to light blue to light grey/white with some signs of surface flow marks. Weight = 3.679kg (3644g slag + 35g clinker). Samples of slag and clinker taken. (g) Fragments of glass residue: waste, spillage, cullet and clinker, estimated to be 89% by wt. Remainder: 8 pieces of stone & concreted gravel (10%), and coal (1%). Residue: size range (2 x 2 x 1)cm to (16 x 11 x 8)cm, mid-range (5 x 3.5 x 2.5)cm. Varying densities, porosities and coloration: black to blue to light blue-grey/white. Signs of surface flow. Weight = 4.69kg (residue), 552g (stone, etc.) & 35g (coal). Samples of residue taken. Total weight = 15.19kg.

Table 5.3: Glass production residue sample descriptions - St. Aidan's boat site: this is a condensed list of the finds from the excavated area in and around the dry dock between the old courses of the R.Aire and the Aire & Calder Canal. Unless otherwise specified, all the artefacts are assumed to be glass slag and listed as "slag"; weights and overall dimensions are approximate.

Context	Description
2104	(a) 3 fragments: 2 of very porous light grey material – "clinker"; one dense black slag. Sizes (6.5 x 4 x 3)cm to (4.5 x 3.5 x 2)cm. Weight = 57g. Sampled. (b) 2 fragments of slag: 1 of dense black material, (3.5 x 3 x 1)cm in size with signs of flow; 1 of dense grey/purple material, (14 x 8 x 5)cm in size. Weight = 417g. (c) Crucible fragment: L-shaped piece from large vessel. Dense yellow/grey material with some porosity. Side: curved concave internally and convex externally, 6cm thick.. Both surfaces have a thin layer (<1mm) of white glazing. Base: 7cm thick with a white glaze layer (<1mm) on the inside. 2 to 3mm layer of glass residue on the inside of the fragment, translucent grey/green coloration, crazed. 1mm layer of grey/green glass spillage on the outside. Weight = 1kg. Sampled. (d) Crucible fragment: 9cm wide x 5.5cm tall piece, 4.5cm thick. Dense yellow/grey material. Inside surface covered with a 1mm layer of vitrified material of purple/red coloration. Glass spillage on outside surface as above. Weight = 219g. (e) Crucible fragment: 5cm x 5cm x 4.5 cm thick. Probably from the same crucible as above. Weight = 113g. Sampled. (f) Small fragments of glass residue and spillage from the two crucibles (d) and (e). Weight = 57g. Sampled (g) 4 fragments of slag and 1 of clinker. Slag size ranging from (3 x 1.5 x 1.5)cm to (10.5 x 9 x 5)cm, mid-range of (7 x 5.5 x 4)cm. Clinker size (11 x 5.5 x 6)cm. Slag pieces light material of dark grey/purple/red coloration with signs of vitrification. Clinker: porous black material with signs of vitrification. Weight = 425g. Slag sampled. (h) 7 fragments of slag and 1 piece of unknown origin. Slag size ranging from (2.5 x 2.5 x 1.5)cm to (5 x 3.5 x 3)cm, mid-range of (4 x 4 x 2)cm. Size of "unknown" (4 x 3 x 2)cm. Slag pieces: of varying densities, porosities and coloration ranging from black to light blue to light grey/white with surface flow marks. "Unknown": of rusted appearance, possibly attached to stone. Little or no magnetic attraction. Weight = 141g. Slag sampled. Total weight = 2.43kg.
2110	(a) 59 fragments of slag ranging in size from (1.5 x 1.5 x 1.5)cm to (9.5 x 6 x 5.5)cm, mid-range of (4 x 4 x 2.5)cm. Varying densities, porosities and coloration ranging from dark grey/black to light blue to light grey/green to light grey/white with signs of surface flow. Weight = 2.023kg. Samples taken. (b) 22 fragments of slag and 2 pieces of heat affected stone, size range (2 x 1.5 x 1)cm to (13 x 8 x 7.5)cm, mid-range (4.5 x 4 x 3.5)cm. Slag: varying densities, porosities and coloration – mainly light grey/white, some black. Some signs of surface vitrification and surface flow. Weight = 1.755kg. Samples of slag and stone taken. Total weight = 3.78kg.

Table 5.3 (cont'd): Glass production residue sample descriptions - St. Aidan's boat site.

Context	Description
2112	52 fragments of slag and clinker ranging in size from (2 x 1.5 x 1.5)cm to (12 x 9 x 6)cm, mid-range of (6 x 5 x 3)cm. Varying densities, porosities and coloration: mainly light grey/red/white, some blue/white. Signs of surface flow. Total weight = 2.5kg. Samples taken.
2117	(a) 4 pieces of slag ranging in size from (3 x 1 x 0.5)cm to (6 x 2.5 x 1.5)cm. 2 pieces of dense black, 1 porous dark grey and 1 porous white/grey material. Weight = 64g. Samples taken. (b) 1 piece of stone, size (7 x 7 x 5)cm, with signs of glass spillage. Furnace structure? 22 fragments of slag ranging in size from (1.5 x 1.5 x 1)cm to (11 x 7 x 6)cm, of varying densities, porosities and coloration. Weight = 1.068kg. Samples of slag taken. Total weight = 1.13kg.
2121	(a) Crucible fragment: 17cm wide x 14cm tall, triangular shaped piece, of varying thickness – 7.5cm at base, 5cm at top. Dense yellow/grey material, curved concave internally and convex externally. Outer surface has a thin layer (<1mm) of white/light grey matt "glaze" of crazed appearance with some evidence of glass spillage. Inner surface has a thin layer as above, covered by a layer of glass (5mm at base to 1mm at top), of light green coloration and crazed. At the bottom of the inner surface there is evidence for the base of the crucible: approx. 2.5cm of a lip. Weight = 1.3kg. Sample taken. (b) Crucible fragment: 10.5cm long x 1.5cm wide, of 4cm uniform thickness. Dense light grey material, curved as above. Outer surface similar to above. Inner surface has a thin layer (<1mm) of glass, of white/light blue coloration and crazed. Weight = 340g. Sample taken. (c) Stonework fragment: 19cm x 14cm x 7cm uniform thickness. Vitrified red/brown surface. From furnace structure? Weight = 2kg. (d) 9 fragments of slag. Size ranging from (3 x 2.5 x 2)cm to (9.5 x 6.5 x 5)cm. 3 pieces: dense black material with signs of flow and layering and some surface weathering effects (white flaky material). 1 piece: dense white/light grey/blue material with signs of layering. The remainder: porous material of light grey coloration with signs of vitrification. Some red/yellow/brown surface discoloration. Weight = 870g. Total weight = 4.51kg.
2180	(a) Crucible fragment: 11cm long x 9cm wide, of variable thickness from 4.5 to 5.5cm. Dense light grey material, curved concave internally and convex externally. No sign of temper. Outer surface has a thin layer (<1mm) of whitish yellow "glaze" with some evidence of glass spillage Inner surface has a thin layer (<1mm) of glass, light green in colour and crazed. Weight = 665g. Sample taken. (b) Fragments of glass residue: waste, spillage, cullet and clinker, estimated to be 99% by wt. Remainder: stone, concreted gravel. Residue: size range (2 x 1.5 x 1)cm to (9.5 x 8.5 x 7)cm, mid-range (3 x 3 x 2.5)cm. Varying densities, porosities and coloration: black to blue to light blue-grey/white. Signs of surface flow. Weight = 4.181kg. Samples of residue taken. Total weight = 4.85kg.

Table 5.3 (cont'd): Glass production residue sample descriptions - St. Aidan's boat site.

Samples	Mass	Bridge reading	Total susceptibility	Mass susceptibility	PIM reading	Total quad. susceptibility	Mass quad. susceptibility	Magnetic viscosity
	g		$\mathbf{k}_T$ x 10^{-8} m^3	χ x 10^{-8} m^3 kg^{-1}		Q x 10^{-8} m^3	q x 10^{-8} m^3 kg^{-1}	%
Hutton Common:								
H3	35.42	10.2	0.68	19				
H4A	23.33	1.1	0.07	3				
H4B	55.68	8.0	0.53	10				
H4C	26.21	2.2	0.15	6				
H4D	18.13	0.9	0.06	3				
H4E	30.22	1.0	0.07	2				
H4F	33.81	1.3	0.09	3				
H4G	28.75	1.9	0.13	4				
H4H	27.47	2.3	0.15	6				
Rosedale:								
R1	41.97	1.8	0.12	3				
R3A	10.88	5.5	0.36	34				
R3B	8.14	2.1	0.14	17				
R3C	6.06	7.1	0.47	78				
R3D	34.98	289	19.10	546				
R3E	6.88	421	27.81	4042				
R3F	26.39	135	8.93	338				
R4	2.03	0.1	0.1	3				

Table 5.4: Glass production residue susceptibility measurements – results for clay, glass slag and waste samples from Hutton Common and Rosedale furnaces. (Mass susceptibility values rounded to nearest integer, mass quadrature susceptibility could not be determined – see text.)

Samples	Mass	Bridge reading	Total susceptibility	Mass susceptibility	PIM reading	Total quad. susceptibility	Mass quad. susceptibility	Magnetic viscosity
	g		$\mathbf{k}_T$ x 10^{-8} m^3	χ x 10^{-8} m^3 kg^{-1}		Q x 10^{-8} m^3	q x 10^{-8} m^3 kg^{-1}	%
Knightons:								
K1	44.31	14.7	0.98	22	17	0.02	<1	2.1
K2A	45.66	2.9	0.19	4	2	<0.01	<1	1.2
K2B	35.09	2.2	0.15	4	1	<0.01	<1	0.8
K3B1	26.33	25.5	1.69	64	150	0.17	7	10.2
K3B2	18.42	4.7	0.31	17	23	0.03	1	8.8
K3C	10.00	28.2	1.87	187	99	0.12	12	6.2
K3D	17.49	172	11.41	652	969	0.88	50	7.7
K4A	30.84	30.9	2.05	67	100	0.12	4	5.7
K4B	23.22	5.2	0.35	15	11	0.01	<1	3.8
K4C	27.88	31.3	2.08	75	82	0.10	3	4.6
K5	56.36	32.0	2.13	38	129	0.15	3	7.0

Table 5.4 (cont'd): Glass production residue susceptibility measurements – results for clay, glass slag and waste samples from Knightons furnace. (Mass and mass quadrature susceptibility values rounded to nearest integer.)

Samples	Mass	Bridge reading	Total susceptibility	Mass susceptibility	PIM reading	Total quad. susceptibility	Mass quad. susceptibility	Magnetic viscosity
	g		$\mathbf{k}_T$ x 10^{-8} m^3	χ x 10^{-8} m^3 kg^{-1}		Q x 10^{-8} m^3	q x 10^{-8} m^3 kg^{-1}	%
St. Aidan's glass waste:								
2103A	49.64	8.2	0.54	11	31	0.04	<1	6.9
2103B	34.86	2.2	0.14	4	2	<0.01	<1	1.7
2103C	31.55	0.3	0.02	<1	2	<0.01	<1	12.3
2103D	27.47	19.7	1.29	47	11	0.01	<1	1.0
2103E	27.47	14.0	0.91	33	18	0.02	<1	2.4
2104A	26.61	1.2	0.08	3	2	<0.01	<1	3.1
2104B	21.00	1.3	0.08	4	2	<0.01	<1	2.8
2110A	60.61	0.4	0.03	<1	3	<0.01	<1	13.8
2110B	34.18	2.3	0.15	4	2	<0.01	<1	1.6
2110C	21.42	18.1	1.18	55	4	<0.01	<1	0.4
2110D	16.28	3.3	0.22	13	5	0.01	<1	2.8
2117A	57.10	6.5	0.42	7	3	<0.01	<1	0.8
2117B	15.26	6.4	0.42	27	5	0.01	<1	1.4
2180A	39.97	2.8	0.18	5	2	<0.01	<1	1.3
2180B	32.91	2.1	0.14	4	2	<0.01	<1	1.8
2180C	31.65	1.8	0.12	4	1	<0.01	<1	1.0
St. Aidan's clinker/slag:								
2103A	29.52	220	14.46	490	88	0.10	3	0.7
2103B	15.95	409	26.91	1687	1038	0.92	58	3.4
2103C	10.75	63	4.11	383	61	0.07	7	1.8
2110	26.03	57.8	3.77	145	138	0.16	6	4.2
2112A	27.75	452	29.74	1072	545	0.56	20	1.9
2112B	16.91	114	7.47	442	129	0.15	9	2.0

Table 5.4 (cont'd): Glass production residue susceptibility measurements – results for glass waste, slag and clinker samples from St. Aidan's boat site. (Mass and mass quadrature susceptibility values rounded to nearest integer.)

Samples	Mass	Bridge reading	Total susceptibility	Mass susceptibility	PIM reading	Total quad. susceptibility	Mass quad. susceptibility	Magnetic viscosity
	g		$\mathbf{k}_T$ x 10^{-8} m^3	χ x 10^{-8} m^3 kg^{-1}		Q x 10^{-8} m^3	q x 10^{-8} m^3 kg^{-1}	%
Rosedale crucibles:								
R2A	27.81	1.3	0.09	3				
R2B1	12.08	0.8	0.05	4	3	<0.01	<1	6.9
R2B2	5.35	0.3	0.02	4	2	<0.01	<1	12.3
R4	10.90	0.5	0.03	3	2	<0.01	<1	7.4
Knightons crucibles:								
KC1	5.61	0.4	0.03	5	2	<0.01	<1	9.2
KC2	3.42	0.2	0.01	4	3	<0.01	1.1	27.6
KC3	5.86	0.9	0.06	10	2	<0.01	<1	4.1
KC4	2.46	0.1	0.01	3	2	<0.01	<1	26.8
KC5	5.53	0.2	0.01	2	2	<0.01	<1	18.4
St.Aidan's crucibles:								
2104A	12.45	3.6	0.23	19	19	0.02	2	9.7
2104B	11.25	2.0	0.13	12	11	0.01	1	10.1
2104C	36.75	0.9	0.06	2	4	<0.01	<1	8.2
2104D	8.12	0.6	0.04	5	3	<0.01	<1	9.2
2104E	6.84	0.6	0.04	6	2	<0.01	<1	6.1
2121A	2.32	0.2	0.01	6	2	<0.01	1	18.4
2121B	15.63	0.7	0.05	3	3	<0.01	<1	7.9
2121C	5.99	0.2	0.01	2	2	<0.01	<1	18.4
2121D	5.55	0.2	0.01	2	2	<0.01	<1	18.4
2180	5.16	0.1	0.01	1	1	<0.01	<1	18.4

Table 5.4 (cont'd): Glass production residue susceptibility measurements – results for crucible samples from Rosedale, Knightons and St. Aidan's. (Mass and mass quadrature susceptibility values rounded to nearest integer.)

Statistical analysis		Mass susceptibility χ x 10^{-8} m^3 kg^{-1}	Mass quad. susceptibility q x 10^{-8} m^3 kg^{-1}	Magnetic viscosity %
Hutton Common	Mean	6		
All samples	Median	4		
	Standard deviation ±	5		
Hutton Common	Mean	4		
Excl. sample H3 (clay)	Median	4		
	Standard deviation ±	2		
Rosedale	Mean	8		
Glass fragments:	Median	3		
R1, R3B & R4	Standard deviation ±	8		
Rosedale	Mean	249		
Glass spillage on baked clay	Median	208		
R3A, R3C, R3D & R3F	Standard deviation ±	239		
Knightons	Mean	17	1	3.0
Glass fragments	Median	15	<1	2.1
K1, K2A, K2B, K4B, K5	Standard deviation ±	14	1	2.5
Knightons	Mean	177	13	7.2
Glass spillage on baked clay	Median	71	5	7.0
K3B1, K3B2, K3C, K3D, K4A, K4C	Standard deviation ±	240	19	2.1
St. Aidan's	Mean	14	<1	3.4
Glass waste	Median	4	<1	1.7
	Standard deviation ±	17	<1	4.0
St. Aidan's	Mean	703	17	2.3
Clinker/slag	Median	466	8	2.0
	Standard deviation ±	571	21	1.3

Table 5.4 (cont'd): Glass production residue susceptibility measurements – statistical analysis results for glass waste, spillage, baked clay, slag and clinker samples. (Mass and mass quadrature susceptibility values rounded to nearest integer.)

Statistical analysis		Mass susceptibility χ x 10^{-8} m^3 kg^{-1}	Mass quad. susceptibility q x 10^{-8} m^3 kg^{-1}	Magnetic viscosity %
Rosedale	Mean	4	<1	8.8
Crucible fragments	Median	3	<1	7.4
	Standard deviation ±	1	<1	3.0
Knightons	Mean	5	<1	19.2
Crucible fragments	Median	4	<1	18.4
	Standard deviation ±	3	<1	13.3
St. Aidan's	Mean	4	<1	12.5
Crucible fragments	Median	3	<1	9.9
	Standard deviation ±	2	<1	5.2

Table 5.4 (cont'd): Glass production residue susceptibility measurements – statistical analysis results for crucible samples. (Mass and mass quadrature susceptibility values rounded to nearest integer.)