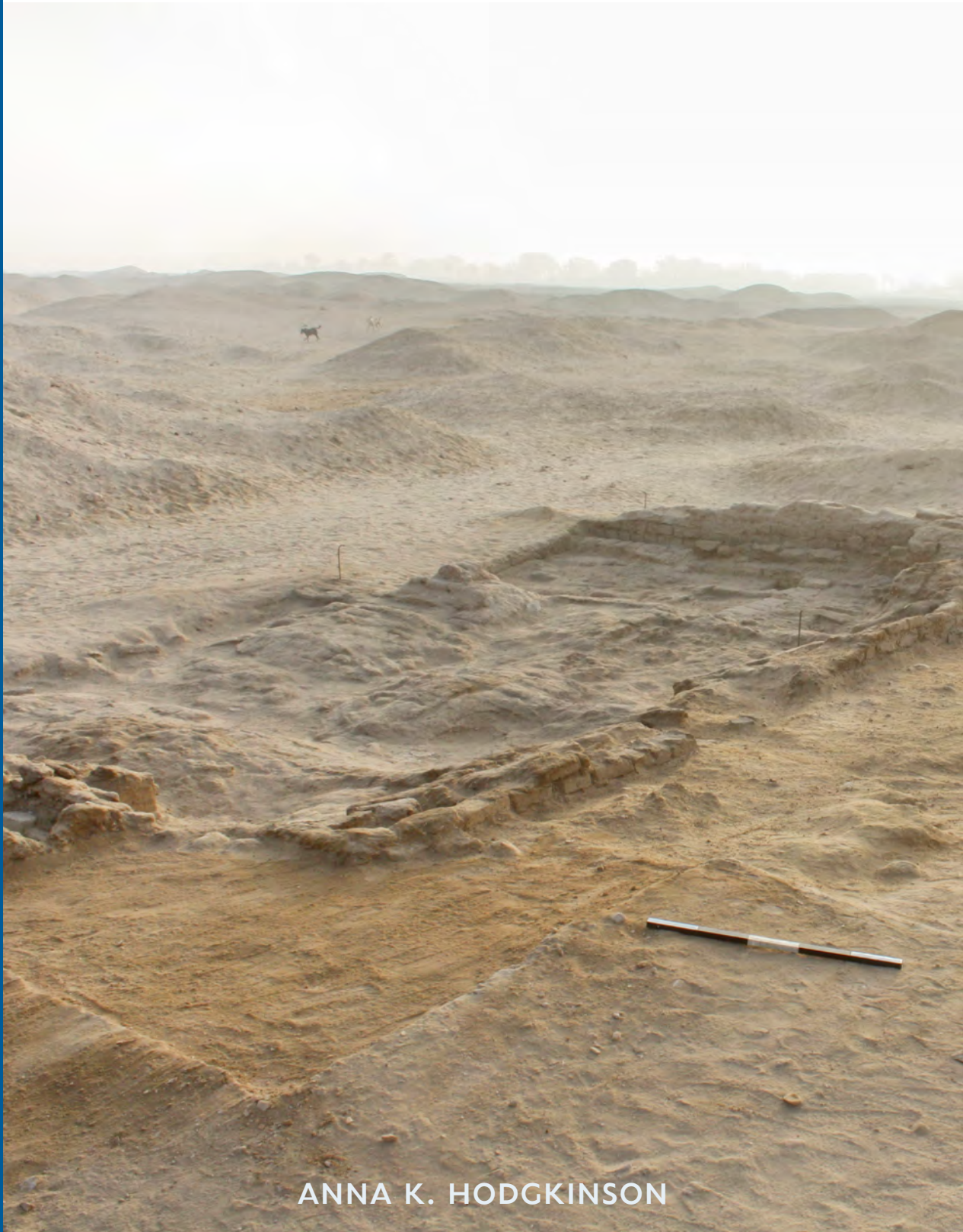




WORKING IN THE SUBURBS

**The Archaeological Remains from
Amarna Site M50.14–16**

ADDITIONAL MATERIAL



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THE EGYPT EXPLORATION SOCIETY

Supporting and promoting Egyptian cultural heritage since 1882
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X-ray fluorescence (pXRF/HH-XRF). *See* portable/hand-held X-ray fluorescence (pXRF/HH-XRF)

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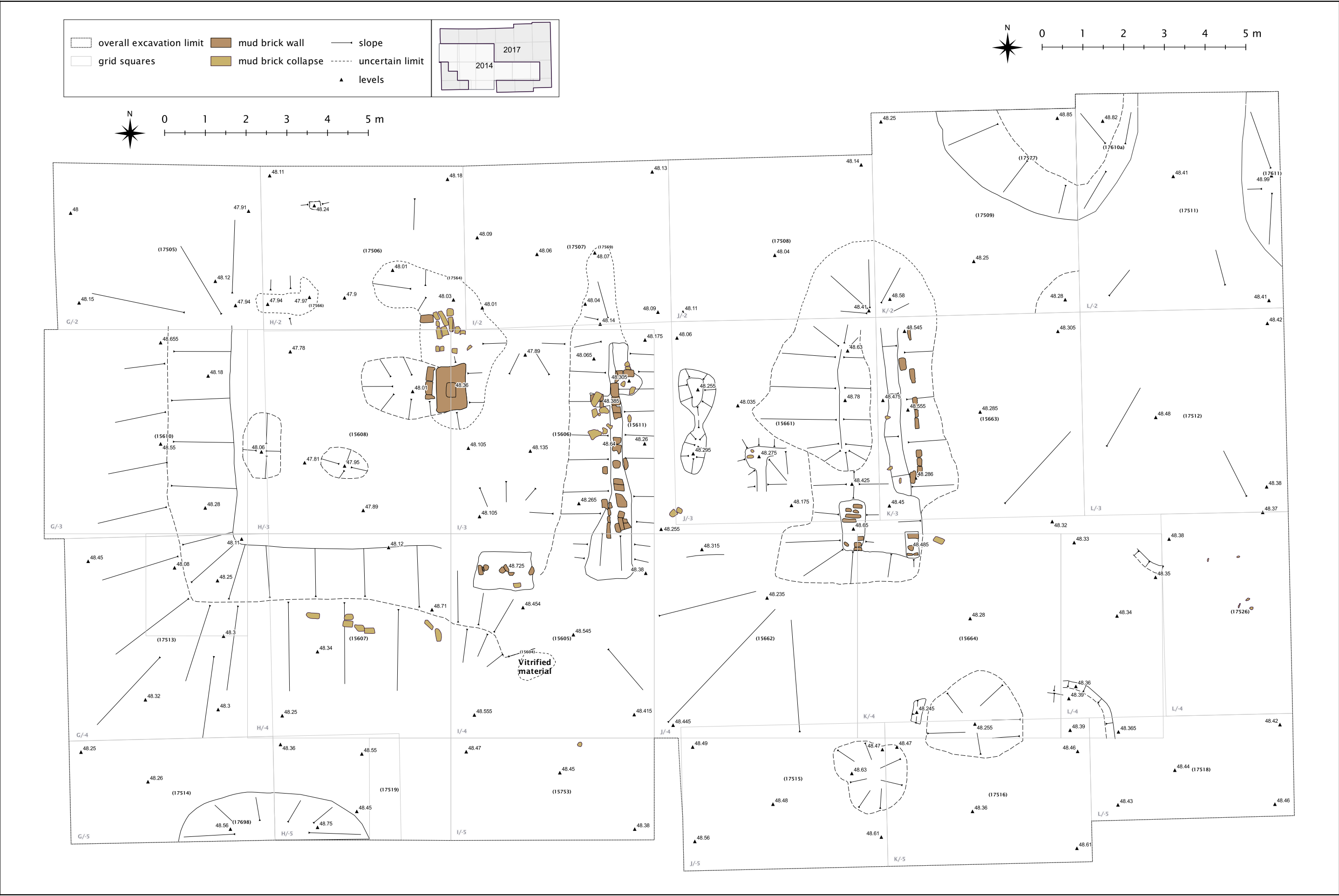
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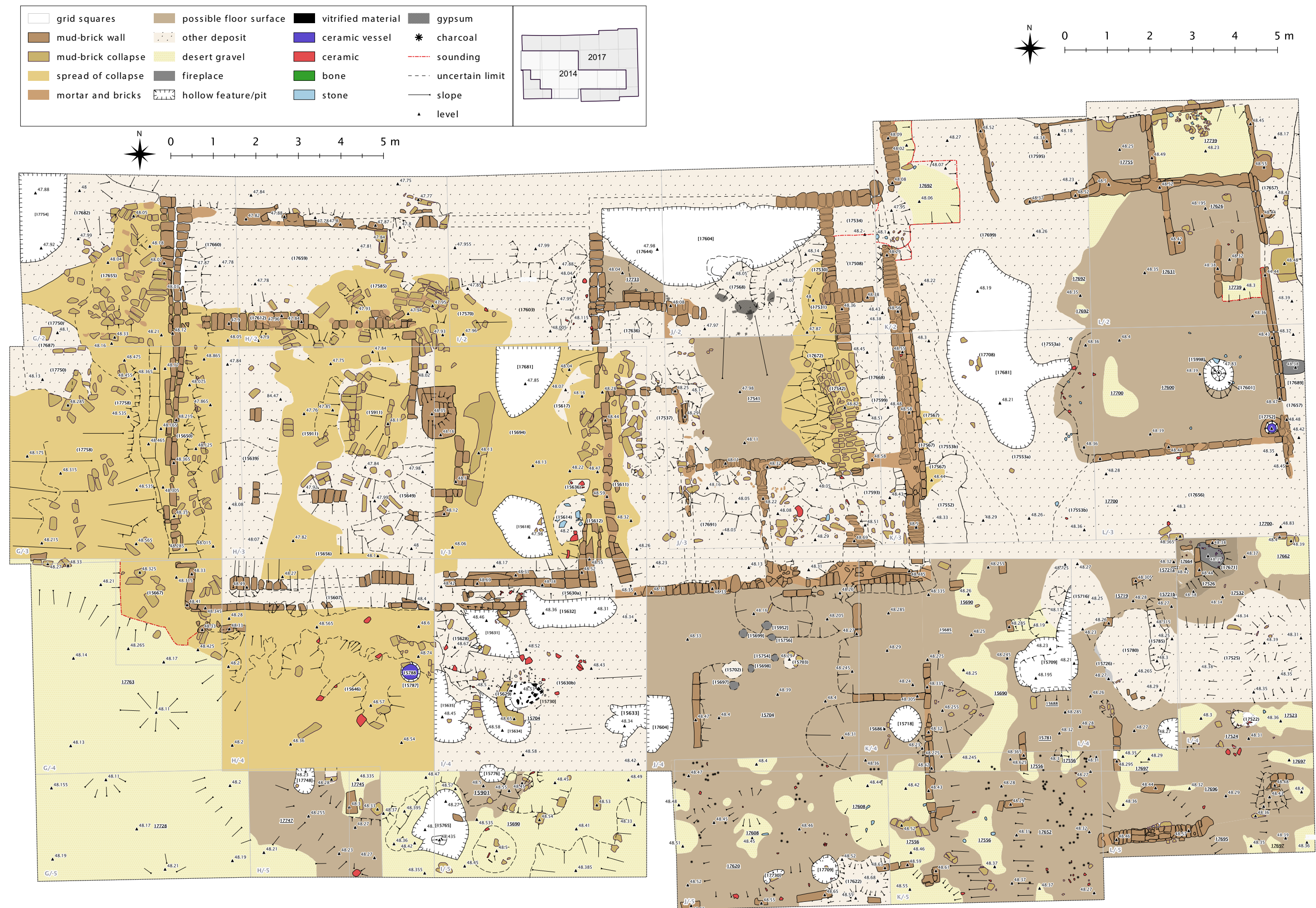
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CHAPTER 2: THE ARCHAEOLOGICAL REMAINS EXCAVATED AT AMARNA IN 2014 AND 2017

N



Plan 1 Pre-excavation plan of site M50.14-16 showing the overburden deposits.



Plan 2 Plan of site M50.14-16: walls, features and deposits after the removal of the overburden deposits.

11



Plan 4 Wall plan of site M_{50.14-16} showing numbered walls and section locations.

Figure 2.27 Harris matrix for grid squares I/-2 and J/-2.

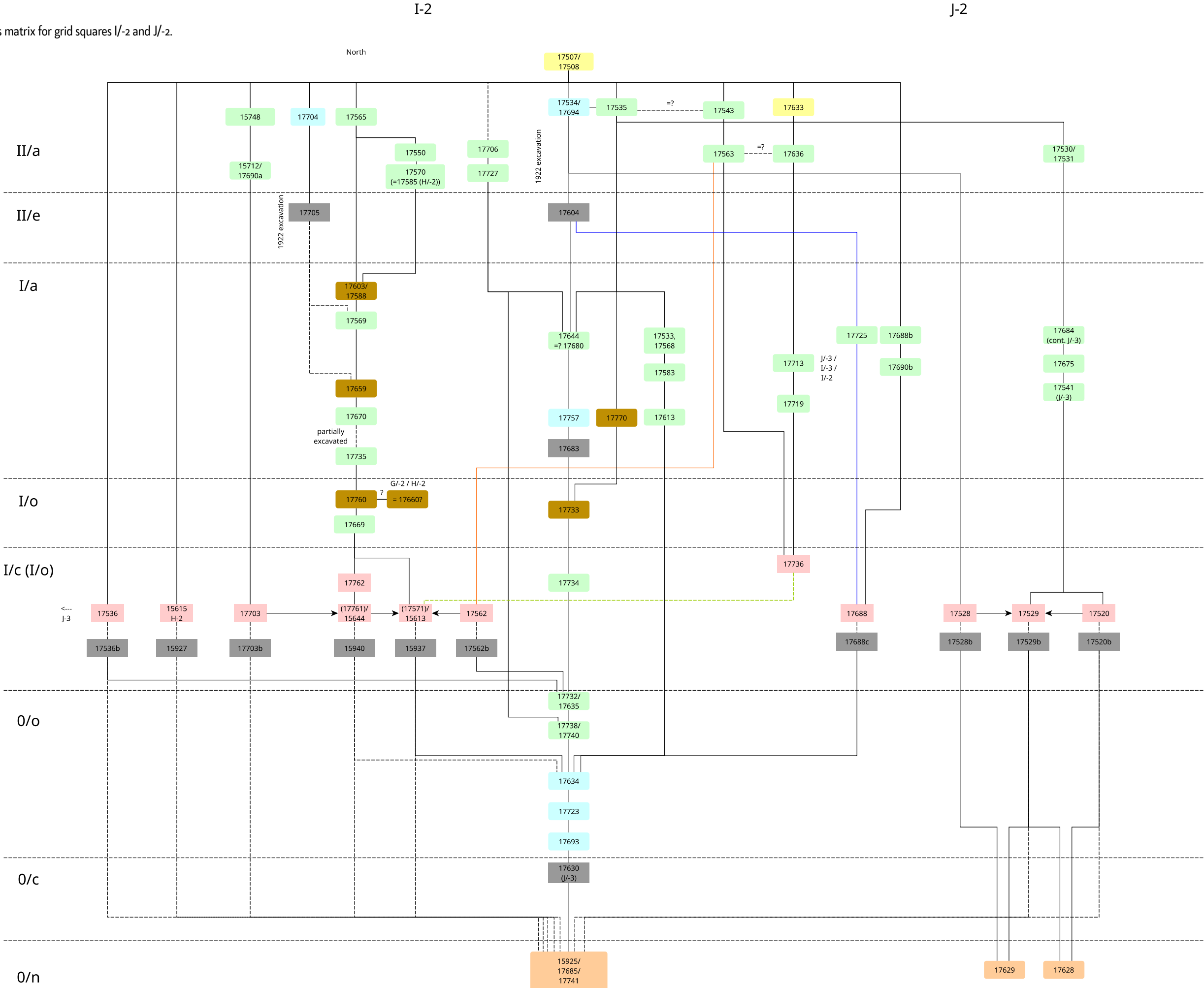


Figure 2.38 Harris matrix for grid square I/-3.

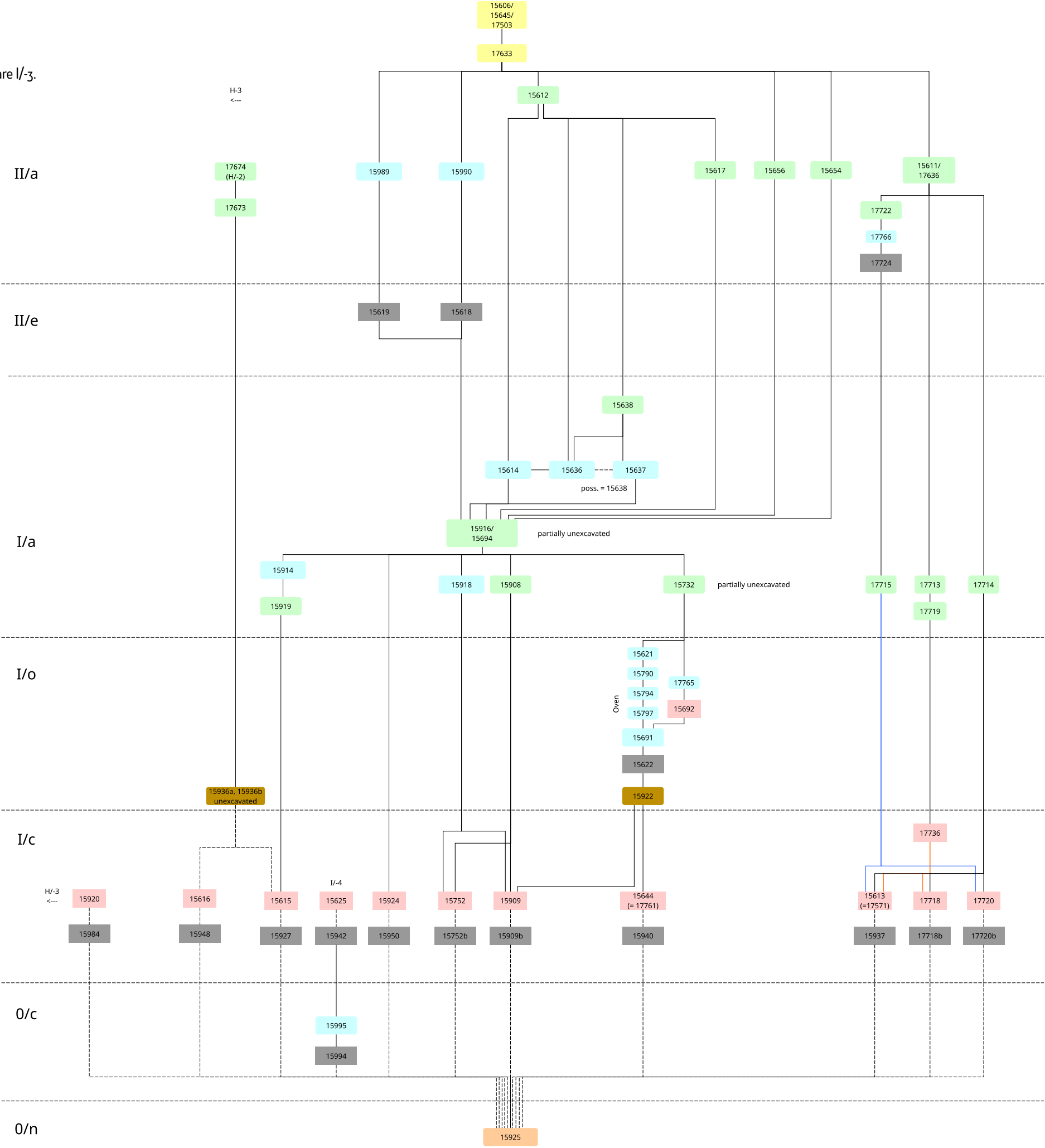
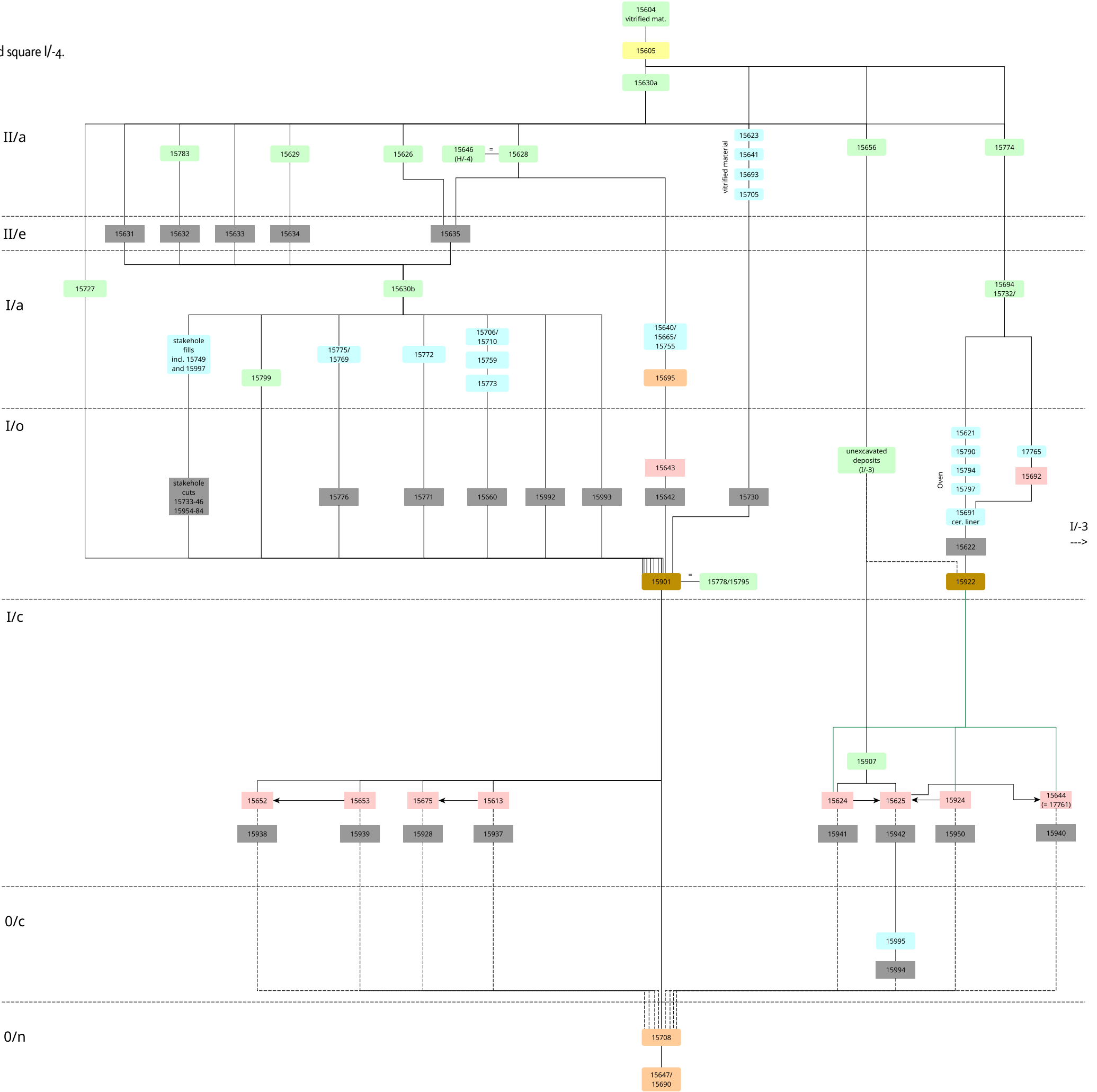


Figure 2.45 Harris matrix for grid square I/-4.





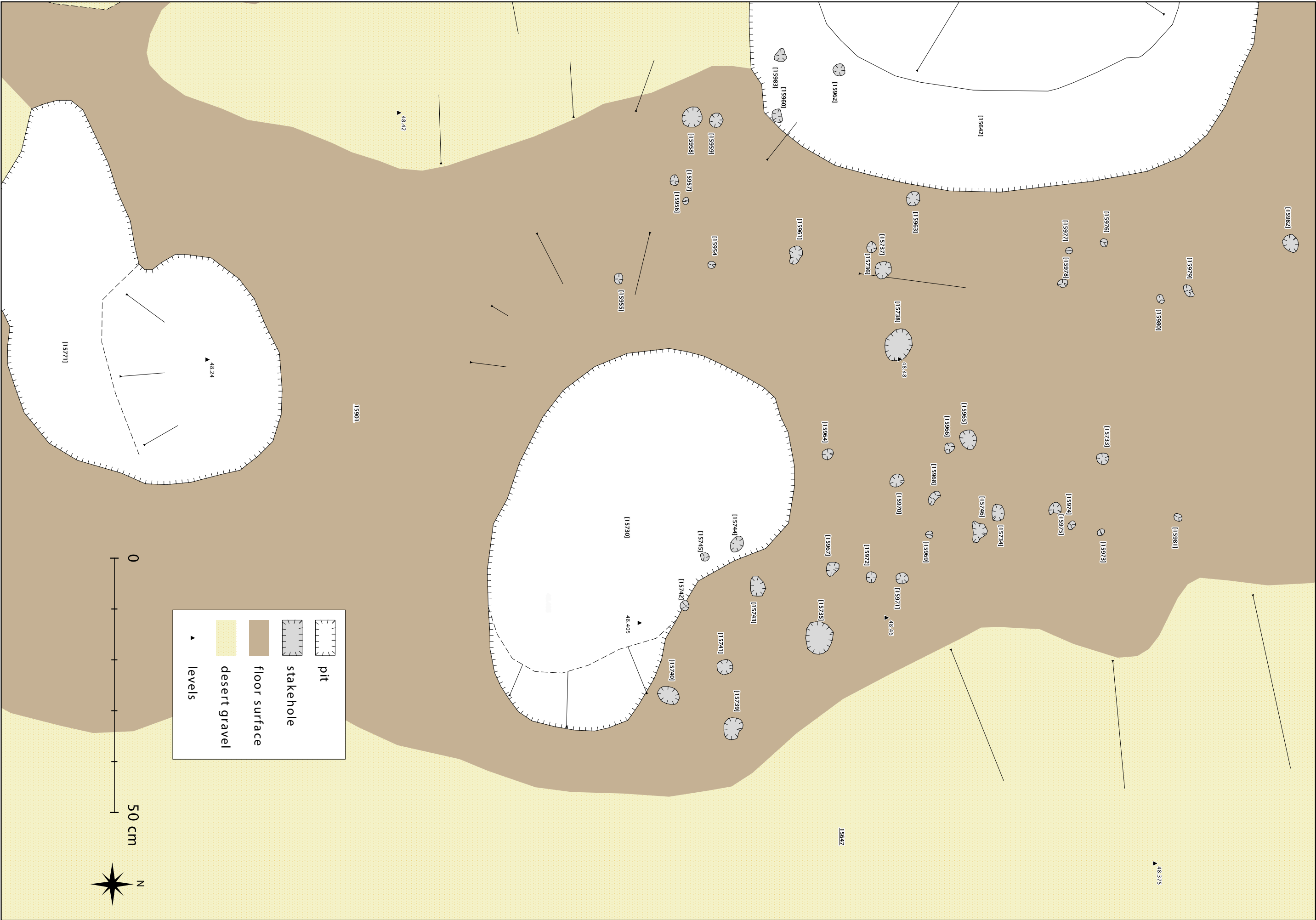


Figure 2.55 Plan of pit [15730] with the remains of vitrified furnace debris and stake holes at the end of the 2014 excavation season.

Figure 2.60 Harris matrix for grid square J/-3.

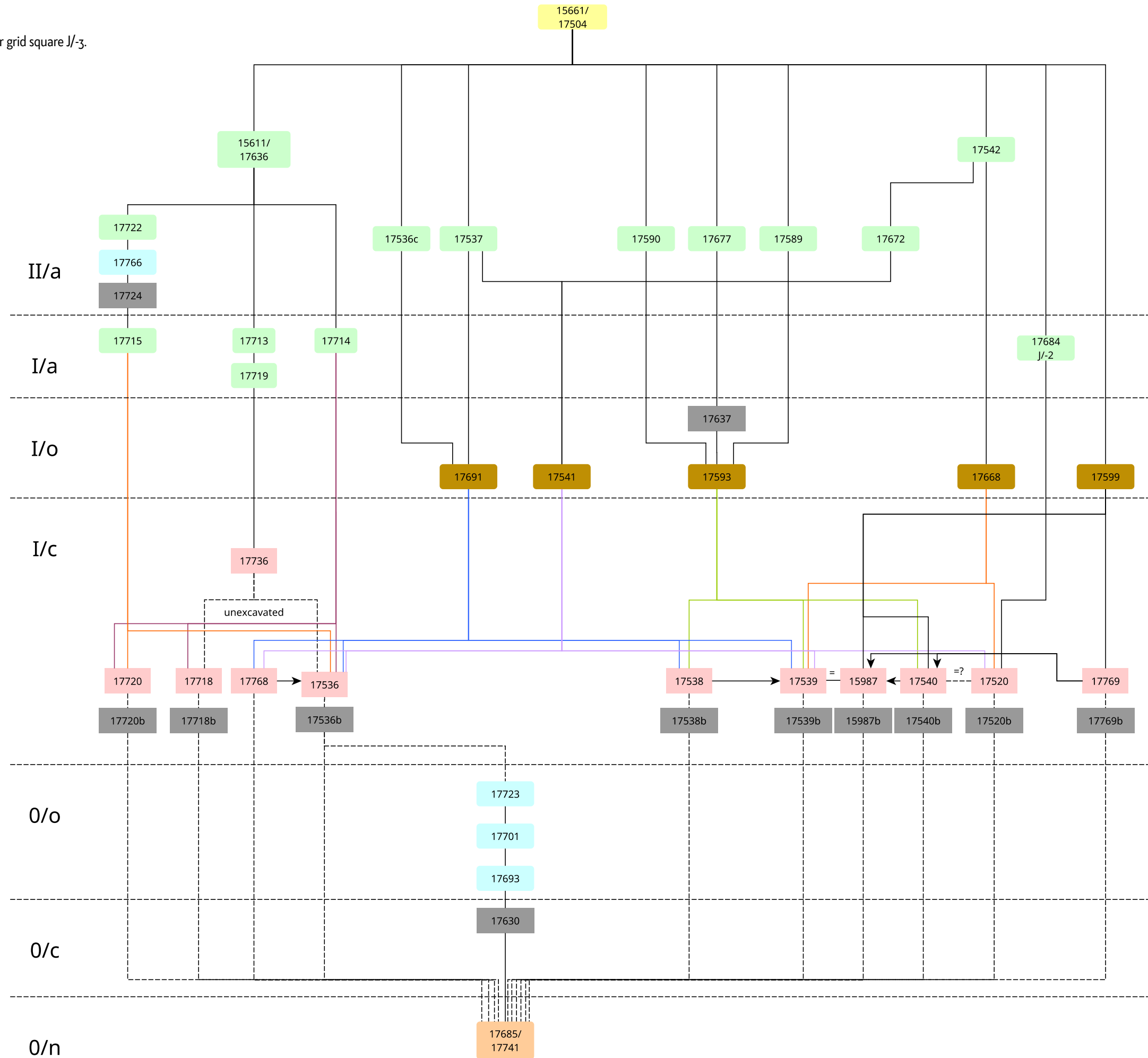


Table 2.2 Summary of the archaeological deposits and features recorded at site M50.14–16. Note that foundation deposits and cuts for structures are listed in Table 3.4. Unit numbers marked with * were assigned during the post-excavation analysis.

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
G/-2: 15711*	NW corner of square	M50.14, Area 4	Deposit: Fill	Fill of possible 1922 excavation trench [17754]. Loose sand with many pebbles and stones: may also be natural.	N/A	0/n / II/a	2.11 × 1.13 m; see 17754	Not excavated
G/-2: 15925	Entire square	M50.14; M50.16, Area 4	Deposit: Natural	Natural desert surface.	N/A	0/n	5 × 5 m	N/A
G/-2: 17505	Entire square	M50.14; M50.16, Area 4	Deposit: Overburden	Yellowish grey, loose sand with many inclusions. Windblown. The N part is thicker, probably because of an overspill from a spoil heap to the N.	N/A	II/a	4 × 5 m	c.0.6 m
G/-2: 17598	W 2/3 of square	M50.14, Area 4	Deposit: Layer	Hard, greyish brown silt deposit with many small to medium rock inclusions.	N/A	II/a	3.2 × 3.6 m	c.0.41 m
G/-2: 17655	W central section of square	M50.14, Area 4	Deposit: Collapse	Collapse W of wall <15651>. Many bricks, few of which are aligned with wall. Yellowish silt deposit with many pebble inclusions and pottery.	N/A	I/a	3.6 × 1.4–2.05m	c.0.04–0.21 m
G/-2: 17682	NW corner of square, surrounding [17754]	M50.14, Area 4	Deposit: Layer	Reddish brown, fine silt deposit with few inclusions. Cut by gravel pit [17754]. Overlies collapse (17655) in patches.	N/A	I/a	2.6 × 2.2 m	c.0.08 m
G/-2: 17737	W central section of square	M50.14, Area 4	Deposit: Collapse	Collapse with mostly silty and some sandy bricks.	N/A	I/a	1.9 × 3.36 m	c.0.08–0.27 m
G/-2: 17754	NW corner of square	M50.14, Area 4	Cut: Old excavation trench	Cut of 1922 excavation trench, similar to those found in J/-2 and I/-2. Filled with (15711). This may also be a natural feature, based on the nature of the fill. Not fully excavated.	N/A	0/n / II/e	2 × 1 m	0.64 m
G/-2: 17756	E and SE part of square, along <15651>	M50.16, 1; 4	Deposit: Collapse	Collapse from wall <15651> along its E side.	N/A	I/a	0.3 × 2.6 m	c.0.16–0.25 m
G/-2, G/-3: 17687	SW corner of G/-2, NW corner of G/-3	M50.14, Area 4	Deposit: Layer	Reddish brown (organic?) deposit with mud brick. Thickness of max. 3–4 cm. Two burnt bricks in G/-2. Deposit surrounds burnt bricks but no indication of fire activity.	N/A	I/a	2.31 × 1.59 m	0.17 m
G/-2, G/-3: 17750	SW corner of G/-2, NW corner of G/-3	M50.14, Area 4	Deposit: Layer	Pale yellowish, compact, fine sandy silt deposit with infrequent pebbles. Dense and quite hard. Lies over collapse and under burnt bricks. Not fully excavated.	N/A	I/a	3.06 × 2.6 m	0.47 m
G/-2, H/-2: 17660	E part of G/-2, W edge of H/-2	M50.16, 1	Surface: Floor?	Hard surface running along walls <17703>, <15651> and <17625>. Many inclusions of pebbles and rare pieces of pottery. Not fully excavated. Still some sandy patches, (17659), in areas. Sectioned in G/-2: very thick below collapse, depth of 0.2 m visible. Above walls in matrix since this deposit covers the base of the wall.	N/A	I/o	2.72 × 3.12 m	0.19 m
G/-2, H/-2, I/-2: 15712*	N edge of all three squares, N of <17703>	M50.14, N/A	Deposit: Layer	Loose, windblown sand. Same as (17690a).	17690a	II/a	9.3 × 1.23 m	Not excavated
G/-2, H/-2, I/-2: 15748*	N edge of G/-2, H/-2 (NE) and I/-2 (NW), along N side of <17703>	M50.14, N/A	Deposit: Collapse	Collapse from wall <17703>. Individual mud bricks.	N/A	II/a	7.55 × 0.41 m	Not excavated
G/-2, H/-2, I/-2: 17659	Strip through central parts of G/-2 (E part), H/-2 and I/-2	M50.16, 1; 2; 9	Deposit: Layer	Loose greyish sand with small pebble inclusions. Thick layer of up to 0.15 m.	N/A	I/a	9.35 × 2.48 m	0.14 m
G/-3: 15610	Entire square	M50.14; M50.16, Area 4	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after the 1922 excavations.	17501, 17676	II/a	5 × 5 m	c.0.07–0.42 m
G/-3: 15650	E part of square, running N–S with <15651>	M50.16, 3; 4	Deposit: Collapse	Collapse from N–S wall <15651>. Loose sand/gravel. Large quantity of collapsed mud bricks. Overlying all other collapse deposits in the square. May technically also be the collapse from wall <15682> and, possibly, wall <15707>.	N/A	II/a	5 × 2.75 m	c.0.05–0.5 m
G/-3: 15658	NW and central part of square	M50.14, Area 4	Deposit: Collapse	Collapse of mud bricks from wall <15707>, somewhat compact. On W side of and perpendicular to N–S wall <15651>.	N/A	I/a	3.74 × 3.38 m	c.0.18–0.55 m
G/-3: 15683	Central S part of square	M50.14, Area 4	Deposit: Collapse	Collapse layer, delimited by walls <15682> and <15707>.	N/A	I/a	1.59 × 3.05 m	0.2 m (max.)
G/-3: 15763	Central S part of square	M50.14, Area 4	Deposit: Layer	Sandy deposit under collapse layer (15683), between structures <15707> and <15682>.	N/A	I/a	1.59 × 3.05 m	c.0.05 m (extrapolated)
G/-3: 15798	Central S part of square	M50.14, Area 4	Surface: Floor	Floor surface, enclosed within circular structure/possible granary <15770>. Thin, concreted, grey mud layer (1–2 mm) plastered on 10–12 cm deposit of concreted, sandy mud, which is very hard and yellow. Infrequent gravel in yellow part. No finds in grey layer.	N/A	I/o	0.54 × 0.71 m	0.1 m
G/-3: 15800	SE part of square	M50.14, Area 4	Surface: Floor	Floor surface between structures <15770> and <15651>.	N/A	I/o	1.71 × 0.89 m	0.02 m
G/-3: 15903	Central S part of square	M50.14, Area 4	Surface: Floor	Floor surface under 15798: grey, compact mud in possible granary <15770>.	N/A	I/o	0.58 × 0.73 m	0.02 m
G/-3: 17501	Entire square	M50.14; M50.16, Area 4	Deposit: Overburden	Yellowish grey overburden sand with yellow backfill sand (as it was excavated in 2014).	15610, 17676	II/a	5 × 5 m	c.0.35 m
G/-3: 17676	Entire square W of wall <15651>	M50.14, Area 4	Deposit: Collapse	Mix of backfill (below (17501)) and degraded bricks and collapse. Greyish yellow sandy deposit.	15610, 17501	II/a	4 × 3.2 m	c.0.24 m
G/-3: 17758	N central part of square	M50.14, Area 4	Deposit: Collapse	Weathered surface under collapse. Fine, grey silt, possibly part of collapse.	N/A	I/a	1.4 × 1.1 m	Not excavated

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
G/-3: 17764*	Central S part of square	M50.14, Area 4	Deposit: Foundation	Foundation layer for possible granary <15770>. On photos it appears to consist of sediment and small to medium-sized stones. It was deposited on top of floor 15903 before mud-brick construction <15770> was built on top of it. Following this, floor surface 15798 was constructed on top of (17764), within <15770> (the edges of the floor lips onto <15770>).	N/A	I/o	1.5 × 1.43 m	c.0.10–0.12 m
G/-3, H/-3: 15910	E margin of G/-3, W central edge of H/-3	M50.16, 4; 3	Deposit: Collapse	Collapse from N–S wall <15648>. Not fully excavated.	N/A	II/a	1.9 × 0.85 m	0.21 m
G/-3, H/-3: 15925	Entire square	M50.16, 3; 4; 5; 6; 7; 8	Deposit: Natural	Natural desert surface, orange-yellow sand and gravel.	N/A	0/n	20.04 × 12.51 m	0.35 m
G/-4: 15609	Entire square	M50.14, Area 7	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after the 1922 excavations.	17513	II/a	2.5 × 2.5 m	c.0.23 m
G/-4: 15655	Entire NE quadrant	M50.14, Area 7	Deposit: Layer	Compact layer of gravelly sand below (15609). Contains mud bricks and pottery.	N/A	II/a	2.5 × 2.5 m	c.0.1–0.34 m
G/-4: 15667	Entire NE quadrant, SW of <15651>, <15681> and <15624>	M50.14, Area 7	Deposit: Collapse	Fine, sandy layer SW of mud-brick walls <15651>, <15681>, <15680> and <15624>.	N/A	II/a	2 × 2 m	c.0.06–0.24 m
G/-4: 15668	Entire NE quadrant, SW of <15651>, <15681> and <15624>	M50.14, Area 7	Deposit: Collapse	Fine, sandy layer NE of mud-brick walls <15651>, <15681>, <15680> and <15624>.	N/A	II/a	0.4 × 0.6 m	c.0.17 m
G/-4: 15902	Entire NE quadrant, SW of <15651>, <15681> and <15624>	M50.14, Area 7	Deposit: Collapse	Primary sequence of collapse, post-Amarna period, revealed during final stage of excavation.	17721?	I/a	2 × 2 m	c.0.04 m
G/-4: 15925	Entire square	M50.14, Area 7	Deposit: Natural	Natural desert surface.	17763?	0/n	5 × 5 m	0.1 m
G/-4: 17513	Entire square	M50.14, Area 7	Deposit: Overburden/ Backfill	Overburden and backfill (from 2014). Greyish yellow sand with stones and pottery, slopes from W side of 2014 trench and in the S.	15609	II/a	2.5 × 5 m	Varies
G/-4: 17721	Central part, diagonally NW to SE, W of 2014 quadrant	M50.14, Area 7	Deposit: Collapse	Hardened surface and collapse. Traces of bricks and mortar.	15902?	I/a	5 × 5 m	c.0.12 m
G/-4: 17726	Central part, diagonally NW to SE, W of 2014 quadrant	M50.14, Area 7	Deposit: Collapse	Deposit of collapsed bricks containing many cobbles and pebbles.	N/A	I/a	5 × 5 m	c.0.06 m
G/-4: 17763	Entire square, with the exception of the NE quadrant	M50.14, Area 7	Deposit/Surface: Layer/Floor	Greyish yellow, loose sand containing many pebbles, with traces of reddish desert sand. Potentially same as 17728 in G/-5? Probably natural.	15925?, 17728	I/o	5 × 5 m	Not excavated
G/-4, H/-4, I/-4: 15907	Strip between <15624>/<15625> in the N part of G/-4, H/-4 and I/-4	M50.16, N/A	Deposit: Rubble fill	Fill/deposit between walls <15625> and <15624>. This was not excavated; only selected items were removed from the surface of the deposit: a worked stone and three potsherds.	N/A	I/c	7.96 × 0.45 m	0.42 m
G/-5: 17514	Entire square (N half)	M50.14, Area 7	Deposit: Overburden	Greyish yellow sand, overburden. Inclusions of pebbles and stones as well as many fragments of pottery and small finds.	N/A	II/a	2.5 × 5 m	c.0.03 m
G/-5: 17698	SE corner	M50.14, Area 7	Deposit: Spoil heap	Spoil heap.	N/A	II/e	1.1 × 2.2 m	c.0.12–0.32 m
G/-5: 17728	Entire square (N half)	M50.14, Area 7	Deposit/Surface: Layer/Floor	Greyish yellow, loose sand with small to medium pebbles. Possibly trampled floor surface or natural.	17702	I/o / I/a	2.5 × 5 m	c.0.18–0.19 m
G/-5: 17745	Central part	M50.14, Area 7	Deposit: Natural	Natural desert surface: reddish, loose, with pebbles.	N/A	0/n	5 × 5 m	N/A
H/-2: 15925	Entire square	M50.14; M50.16, N/A	Deposit: Natural	Natural desert surface.	N/A	0/n	5 × 5 m	N/A
H/-2: 17506	Entire square	M50.14; M50.16, N/A	Deposit: Overburden	Dark yellowish grey, coarse overburden sand with many small stone inclusions.	N/A	II/a	4 × 5 m	c.0.1–0.68 m
H/-2: 17564	SE corner	M50.16, 1	Deposit: Layer	Dark brown, coarse silty deposit similar in composition to (17564), on top of the collapse, (17585), of the S wall. Contains few finds.	N/A	II/a	2.1 × 1.7 m	c.0.01–0.05 m
H/-2: 17566	SW corner	M50.16, 1	Deposit: Layer	Dark brown, coarse silty deposit similar in composition to (17564).	N/A	II/a	1.2 × 0.8 m	c.0.04–0.05 m
H/-2: 17587	S central edge	M50.16, 1	Deposit: Collapse	Collapse layer from S part of wall <17625> inside room 1. It contains a few bricks of different orientations.	N/A	II/a	0.4 × 0.28 m	Not excavated
H/-2: 17612	SW corner	M50.16, 1; 3	Deposit: Collapse	Collapse from wall <17625>. Two beds of bricks visible in the collapse.	N/A	II/a	1.2 × 1.15 m	c.0.03–0.12 m
H/-2: 17674	SE corner	M50.16, 1; 2; 3	Deposit: Collapse	Collapsed bricks and cleaning layer between bricks of collapse layer (17673). Probably the same as (17673).	17673?	II/a	0.4 × 0.6 m	c.0.01 m
H/-2, H/-3, I/-3: 17673	SE corner of H/-2, NE corner of H/-3, NW corner of I/-3	M50.16, 8	Deposit: Collapse (remains of structure?)	Collapsed mud bricks in the central room of M50.16. Bricks are partly articulated and covered by a dark brown deposit. Based on location, it may be collapse from N–S wall originally separating rooms 1 and 2 in M50.16.	N/A	II/a	1.29 × 0.94 m	0.05 m
H/-2, I/-2: 17565	Almost entire square with the exception of the S edge	M50.16, 2; 9	Deposit: Layer	Loose, dark yellow sand that contains many stone inclusions and average amounts of pottery. A small ‘trench’, [17705], appears to have been cut into this deposit.	N/A	I/a / II/a	7.9 × 4 m	0.42 m

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
H/-2, I/-2: 17585	S centre and E of H/-2, SW corner of I/-2	M50.16, 1; 2	Deposit: Collapse	Collapse layer from N part of wall <17625>. It contains many collapsed beds of mud bricks with yellow mortar in between.	17570	II/a	4.4 × 1.72 m	0.25 m
H/-3: 15608	Entire square	M50.16, 3; 6; 7; 8	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after the 1922 excavations.	17502	II/a	5 × 5 m	c.0.25–0.52 m
H/-3: 15639	W edge	M50.16, 3	Deposit: Layer	Compact sand/gravel. Presence of mud bricks in W third of square.	N/A	II/a	5 × 1.4 m	0.23 m (max.)
H/-3: 15649	E half of square	M50.16, 3	Deposit: Layer	Compact sand/gravel over mud-brick wall <15615>.	N/A	II/a	5 × 3.23 m	0.18 m (max.)
H/-3: 15791	Entire square	M50.16, 3; 6; 7; 8	Deposit: Cleaning layer	Cleaning of surface under (15649) and (15639) prior to planning and photographing the square.	N/A	II/b	5 × 5 m	0.05 m
H/-3: 15923	SW corner	M50.16, 6	Deposit: Collapse	Collapse from walls <15912> and <15920>.	N/A	II/a	0.43 × 1.2 m	Not excavated
H/-3: 15925	Entire square	M50.16, 3; 6; 7; 8	Deposit: Natural	Natural desert surface.	N/A	0/n	5 × 5 m	N/A
H/-3: 17502	Entire square	M50.16, 3; 6; 7; 8	Deposit: Overburden/ Backfill	Overburden and backfill: square cleaned prior to planning.	15608	II/a	5 × 5 m	c.0.55 m
H/-3, G/-3: 15911	Patches throughout entire square H/-3; E edge of G/-3	M50.16, 3	Deposit: Collapse	Collapse from mud-brick structure <15616> (and others).	N/A	II/a	2.19 × 2.14 m	Not excavated
H/-3, H/-4, I/-3, I/-4: 15656	S edge of H/-3; N edge of H/-4; NW corner of I/-4; SW corner of I/-3	M50.16, 6; 7; 10	Deposit: Collapse	Collapse layer from walls <15624>/<15625>, on their N side. Contains collapsed mud bricks.	N/A	II/a	5.55 × 1.45 m	0.425 m
H/-3, I/-3: 15936a*	NE corner of H/-3, NW corner of I/-3	M50.16, 8	Surface: Floor	Mud floor below and N of staircase <15616>. Compact mud with some small stones.	15936b	I/o / I/a (II/a)	1.44 × 1.02 m	Not excavated
H/-3, I/-3: 15936b*	Central E edge of H/-3, central W edge of I/-3	M50.16, 8	Surface: Floor	Mud floor in front (S) of staircase <15616>. Compact mud with some small stones.	15936a	I/o / I/a (II/a)	1.95 × 1.07 m	Not excavated
H/-4: 15607	Entire square	M50.14; M50.16, Area 5	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after the 1922 excavations.	N/A	II/a	5 × 5 m	c.0.4 m
H/-4: 15620	W central area	M50.14, Area 5	Deposit: Layer	Compact sand/gravel layer beneath loose overburden (15607).	N/A	II/a	5 × 5 m	c.0.24 m
H/-4: 15646	Central strip of square, S of <15624>	M50.14, Area 5	Deposit: Collapse	Collapse layer from walls <15624>/<15625>. Oriented E–W, running horizontally through the square. Contains mud-brick rubble, pottery and bones. Depth of deposit is higher in S part, probably due to wind erosion.	N/A	I/a	2 × 5 m	0.2 m (varies)
H/-4: 15657	Central strip of square, S of <15624>	M50.14, Area 5	Deposit: Collapse	Collapse layer from walls <15624>/<15625> on their S side. Possibly the same as (15646), although lower down.	15646?	I/a	5 × 2 m	0.11 m (varies)
H/-4: 15762	Entire square, S of <15624>	M50.14, Area 5	Deposit: Layer	Sandy deposit under collapse layer (15657), on S side of wall <15625>, around water jar 15788. Greyish yellow. Box excavated around water jar to remove it.	15778, 15782	I/o	5 × 3.8 m	0.19 m (varies)
H/-4: 15782	Entire square	M50.14, Area 5	Deposit: Cleaning layer	Cleaning of square after removal of (15778). Mainly loose sand and some gravel.	15762, 15778	I/o	5 × 5 m	N/A
H/-4: 15787	W central area	M50.14, Area 5	Cut: Ceramic jar	Cut of water jar into natural desert surface (15951).	N/A	I/o	0.43 m	c.0.1 m (from surface of 15951)
H/-4: 15788	W central area	M50.14, Area 5	Ceramic vessel	Complete ceramic (water) vessel (object no. 40653) with an eroded rim.	N/A	I/o	0.38 m	0.44 m
H/-4: 15789	W central area	M50.14, Area 5	Deposit: Fill	Fill in water jar 15788. Compact and loose, greyish brown deposit with collapsed mud bricks and infrequent sub-angular stones.	N/A	I/a	0.38 m	0.43 m
H/-4: 15792	W central area	M50.14, Area 5	Deposit: Layer	Deposit around cut for water jar 15788, [15787]. Mid yellowish brown with very few potsherds.	N/A	I/o	0.43 m	c.0.1 m (from surface of 15951)
H/-4: 15951	Entire square	M50.14, Area 5	Deposit: Natural	Natural desert surface: loose, yellow sand with pebbles.	N/A	0/n	5 × 3 m	N/A
H/-4, H/-5, I/-4, I/-5: 15778	Entire square	M50.14, Area 5	Deposit: Cleaning layer/Floor?	Arbitrary layer of material, compact and loose. Removed down to mud surface layer below.	15762, 15782, 15795, 15901	II/b	10.01 × 5 m	0.1 m
H/-5: 15757	Entire square (excavated NE quadrant)	M50.14, Area 5	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after the 1922 excavation.	17519	II/a	2 × 2.5 m	0.14 m (max.)
H/-5: 15758	Entire square (excavated NE quadrant)	M50.14, Area 5	Deposit: Cleaning layer	Cleaning layer (sand) below overburden (15757), 5 cm removed to define structures in square.	15753, 17702?, 17728?	I/a	2 × 2.5 m	N/A
H/-5: 15786	Entire square (excavated NE quadrant)	M50.14, Area 5	Deposit: Cleaning layer	Loose sand, outside feature [15756].	15778, 17747	I/o	2.5 × 2 m	N/A

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
H/-5: 17519	Entire square	M50.14, Area 5	Deposit: Layer	Overburden. Dusty, windblown sand associated with the remains of the 1920s spoil heap in the SW corner of the square. In the E part of the square, an area of 2 × 2.5 m was excavated in 2014 as backfill.	15757	II/a	2.5 × 5 m	0.41 m (max.)
H/-5: 17698	SW part of square	M50.14, Area 5	Deposit: Spoil heap	Spoil heap.	N/A	II/e	1.3 × 2.4 m	0.33 m
H/-5: 17702	Entire square (excavated NW quadrant)	M50.14, Area 5	Deposit: Collapse/ Layer	Crusted, hard, greyish yellow sand with medium stones and pebbles.	15758?, 17728	I/a	2.5 × 2.6 m	0.2 m (max.)
H/-5: 17745	Entire square (excavated NW quadrant)	M50.14, Area 5	Deposit: Natural	Natural desert surface: reddish, loose, with pebbles.	15690	0/n	N/A	N/A
H/-5: 17746	N central part	M50.14, Area 5	Deposit: Collapse	Two isolated mud bricks. These bricks appear to be under 17747, which indicates that they are part of this floor, probably integrated collapse.	N/A	I/a	0.48 m	N/A
H/-5: 17747	Entire square (excavated NW quadrant)	M50.14, Area 5	Surface: Floor	Compact, dark grey floor with stones and pottery.	15778, 15786	I/o	3.1 × 2.57 m	c.0.02 m
H/-5: 17748	NW area	M50.14, Area 5	Cut: Fireplace	Cut of fireplace or oven, with burnt mud bricks visible.	N/A	I/o	0.52 m	0.14 m
H/-5: 17749	Entire square (excavated NW quadrant)	M50.14, Area 5	Deposit: Fill	Fill of firepit [17748]. Ash-grey sand with charcoal and a shell.	N/A	I/a	0.38 m	0.14 m
H/-5, I/-4, I/-5, J/-4, K/-4: 15690	Entire square	M50.14, Area 5	Deposit: Natural	Natural desert surface. Yellow, loose and hard sand with pebbles.	15647, 17745	0/n	7.5 × 15 m	N/A
H/-5, I/-5: 15765	Central E edge of H/-5, central W edge of I/-5	M50.14, Area 5	Cut: Pit	Feature possibly used for firing but uncertain. Compacted weathered edges to the NE with some possible brick lining. Shallow hollow, irregular in shape.	N/A	I/o	1.53 × 1.28 m	0.24 m
I/-2: 15925	Entire square	M50.14; M50.15; M50.16, N/A	Deposit: Overburden	Natural desert surface.	17685, 17741	0/n	5 × 5 m	N/A
I/-2: 17507	Entire square	M50.14; M50.15; M50.16, N/A	Deposit: Overburden	Dark yellowish grey, coarse overburden sand with many small stone inclusions and a few potsherds.	17508	II/a	4 × 5 m	0.3 m
I/-2: 17550	Most of square with exception of the SE and SW corners	M50.15; M50.16, N/A	Deposit: Layer	Coarse, sandy deposit with many pebbles/small stones, also charcoal, potsherds, organic material (potentially modern). There is a depression in the S part of the square. Maybe the same as (17543) in J/-2. Many small finds (inlay, faience, beads, ring bezel) in the NE, N of the exposed part of wall <17671>.	17543?	I/a / II/a	5 × 2.5 m	0.12 m
I/-2: 17569	W 2/3	M50.16, 9	Deposit: Layer	Fine, brownish silt deposit with few inclusions. W of wall <15613>.	N/A	I/a	2 × 0.4 m	0.33 m (max.)
I/-2: 17570	SW corner	M50.16, 9	Deposit: Collapse	Fine, loose, brown deposit with few finds. Partially articulated bricks.	17585	I/a / II/a	1.1 × 0.8 m	N/A
I/-2: 17588	SW corner	M50.16, 9	Deposit: Layer	Brownish grey, crusted deposit.	17603	I/a	1 × 0.7 m	N/A
I/-2: 17603	W 2/3	M50.16, 9	Deposit: Layer	Weathered surface: crusted sand with pottery and many small stones.	17588	I/a	3.2 × 2.5 m	N/A
I/-2: 17635	SW	M50.15, 1	Deposit: Fill	Deposit consisting of sand blackened with charcoal in SW part of square, S of cut [17604]. Part of (17732), before excavation.	17732	0/o	0.44 × 0.38 m	0.06 m
I/-2: 17669	Central E part, W of <15613>	M50.16, 9	Deposit: Layer	Waste deposit between walls <15613> and <15644>. Contains charcoal, animal bones, pottery and organic fibres. Bowl 1 (upside down): sample taken – contained large bone (femoral head); Bowl 2 (only sherd, but with organic material below) – sample taken (see chapters 5 and 7).	N/A	I/o / I/a	2.5 × 0.1 m	c.0.16 m (max. excavated)
I/-2: 17670	Central E part, W of <15644>	M50.16, 9	Deposit: Collapse	Collapse deposit. Box section created in S part of deposit.	N/A	I/a	2.5 × 0.9 m	c.0.09 m
I/-2: 17694	E central area (before extension)	M50.15, 1	Deposit: Layer	Fine, silty sand near the S part of wall <17688>. Mixes with the gravel pit in J/-2, but the edges are not clear in I/-2. There may be a weathered surface underneath. Potentially the fill of the 1922 excavation cut. Same as (17534).	17534	II/a	0.8 × 1.1 m	0.13 m
I/-2: 17706	NW part	M50.15, 1	Deposit: Collapse	Collapse between wall <15613> and charcoal-rich deposits. Compact sand below the gravel pit. Same level as charcoal dump (17732).	N/A	II/a	0.3 × 0.3 m	0.33 m
I/-2: 17727	NW part	M50.15, 1	Deposit: Collapse	Greyish surface, possibly weathered in places, below (17706). Collapse deposit.	N/A	II/a	1.7 × 1.4 m	Not fully excavated
I/-2: 17735	Central part, W of <15613>	M50.16, 9	Deposit: Layer	Fine, yellow sand over trampled surface 17760, under collapse (17670).	N/A	I/a	3.5 × 3 m	c.0.02 m
I/-2: 17738	E part, E of <15613>	M50.15, 1	Deposit: Layer	Dark brown soil under charcoal (17732). Approximately 0.3 m E of wall <15613>. Same as (17740).	17740	0/o	1.11 × 0.25 m	c.0.30 m (excavated)
I/-2: 17760	Central part, W of <15613>	M50.16, 9	Deposit: Layer/ Surface	Grey deposit containing many pebbles, under collapse (17670).	17660?	I/o	1.1 × 0.6 m	Not fully excavated

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
I/-2: 17762	Central part, W of <15613>	M50.16, 9	Structure: Reddened bricks	Reddened bricks at base of section in deposit (17670) and wall <15644>, possibly fire affected.	N/A	I/c (I/o)	0.5 m wide	N/A
I/-2 N: 17704	N central part	M50.15, 1	Deposit: Layer/Fill	Gravelly sand deposit. Fill of 1922 excavation cut [17705]. Coarse sand with pebbles, some pottery and beads. Redeposited overburden and natural.	N/A	II/a	0.45 × 2.7 m	0.05 m (max.)
I/-2 N: 17705	N central part	M50.15, 1	Cut: Old excavation trench (?)	Probable cut of 1922 excavation trench, probably excavated in order to trace the N wall of M50.15. Shallow and filled with (17704): mostly pebbles and coarse sand. Base and edges are irregular.	N/A	II/e	0.45 × 2.7 m	c.0.14 m
I/-2, I/-3: 17636	SE corner of I/-2, SW corner of J/-2, NE corner of I/-3	M50.16, 9	Deposit: Collapse	Collapsed mud bricks E of wall <15613> and S of wall <17562>. Potsherds found underneath.	15611, 17563?	II/a	1.2 × 1.56 m	c.0.05 m (uncertain)
I/-2, I/-3, J/-2: 17633	SE corner of I/-2, SW corner of J/-2, NE corner of I/-3	M50.16, 9	Deposit: Layer	Mix of backfill and sandy yellowish deposit. Contains a lot of pottery. Not fully excavated.	N/A	II/a	1.55 × 1.21 m	0.07 m (not fully excavated)
I/-2, I/-3, J/-3: 17713	SE corner of I/-2, SW corner of J/-2, NE corner of I/-3, NW corner of J/-3	M50.15, 10	Deposit: Layer/Collapse	Fill of room(?) between J/-3 and I/-3. Very compact sand, possibly mixed with collapse.	N/A	I/a	1.94 × 1.78 m	0.16 m
I/-2, I/-3, J/-3: 17719	SE corner of I/-2, SW corner of J/-2, NE corner of I/-3, NW corner of J/-3	M50.15, 10	Deposit: Collapse	Collapse in room 10 in M50.15, overlying structure <17736>: remains of fallen brick construction that was once held up by wooden beams.	N/A	I/a	0.61 × 0.87 m; 0.42 × 1.17 m; 0.87 × 0.36 m	0.14 m
I/-2, J/-2: 17534	N centre of J/-2, E part of I/-2	M50.15, 1	Deposit: Fill	Very loose, sandy deposit with a large number of stone inclusions in J/-2 and small pottery sherds and large rocks in I/-2. Fill of cut [17604]: either backfill or windblown deposit. Weathered. Total depth is 0.47 m.	17694	II/a	6.43 × 1.94 m	0.13–0.47 m
I/-2, J/-2: 17535	S centre of J/-2, E part of I/-2	M50.15, 1	Deposit: Collapse	Fine, dark brown silt, maybe decayed mud brick on top of collapse (17530) and (17531).	17543?	II/a	5.27 × 2.53 m	0.13 m
I/-2, J/-2: 17604	N centre of J/-2, E part of I/-2	M50.16, 1	Cut: Old excavation trench (?)	Cut of 1922 excavation. Filled with (17534). Edges difficult to discern because of sandy fill, edges somewhat steep. Base is flattened.	N/A	II/e	5 × 1.2 m	0.1 m
I/-2, J/-2: 17644	E central part of I/-2, W central edge of J/-2	M50.15, 1	Deposit: Collapse	Hard deposit N of wall <17562>, probably a weathered surface. Dark grey with pebbles, frequent charcoal, almost no pottery. Collapse: dark patches and yellow mortar.	17680?	I/a	1.65 × 1.43 m	0.08 m
I/-2, J/-2: 17683	E central edge of I/-2, W central edge of J/-2	M50.15, 1	Cut: Fireplace	Small, shallow fireplace on top of floor 17733 in SW corner of northernmost room in M50.15. Cut into (or overlies) gravelly layer (17734), but not charcoal dump (17732) below. Contains potsherd, burnt bricks (or patch of mud floor?), charcoal and pottery.	N/A	I/a	0.55 × 0.2 m	0.05 m
I/-2, J/-2: 17732	SE central part of I/-2, W edge of J/-2	M50.15, 1	Deposit: Layer	Charcoal deposit: a large amount of organic material, almost black in colour, medium compact. Some small pieces of pottery. Part of a waste deposit. Overlain by hardened desert sand (floor surface).	17635	0/o	1.6 × 1.12 m	0.39 m
I/-2, J/-2: 17733	SE central part of I/-2, W edge of J/-2	M50.15, 1	Surface: Floor (?)	Possible floor surface: hard and compact surface on sand and gravel in corner of room. Fireplace [17683] on top.	N/A	I/a	1.6 × 1.12 m	0.03 m
I/-2, J/-2: 17734	SE central part of I/-2, W edge of J/-2	M50.15, 1	Deposit: Layer	Compact sandy/gravel layer on top of charcoal-rich deposit (17732), below floor surface 17733. Possibly the top of the waste pit, hardened from being walked on.	N/A	I/c (I/o)	1.58 × 1.12 m	0.3 m
I/-2, J/-2: 17740	SE central part of I/-2, W edge of J/-2	M50.15, 1	Deposit: Layer	Compact, brown sand deposit with pebbles and small pottery sherds, below (17732). Same as (17738).	17738	0/o	1.59 × 1.12 m	N/A
I/-2, J/-2: 17757	SE central part of I/-2, W edge of J/-2	M50.15, 1	Deposit: Fill	Fill of fireplace [17683] at the junction of J/-2 and I/-2.	N/A	I/a	0.55 × 0.22 m	0.05 m
I/-2, J/-2: 17770	SE central part of I/-2, W edge of J/-2	M50.15, 1	Surface: Floor(?) / Deposit: Collapse	Mud-brick floor or brick collapse: a short stretch of aligned mud bricks, single course in height, much abraded, measuring 1.41 × 0.22 m. May constitute the remains of a mud-brick floor or collapse from wall <17562>.	N/A	I/o / I/a	1.41 × 0.22 m	Not fully excavated
I/-2, J/-2: 17690a*	N edge of E half of I/-2 and the whole of J/-2, N of <17688>	M50.14, N/A	Deposit: Layer	Fine silt deposit along N edge of the wall <17688>. Some burnt patches(?) in the W part/close to S end of wall <17529>. Inclusions of mud brick and pottery. Surface is very different from the gravel pit. This part was not excavated (c.0.6 m from edge of the square). Same as (15712).	15712	II/a	6.38 × 0.74 m (17690a+b)	Not fully excavated
J/-2: 17690b*	N edge of E half of I/-2 and the whole of J/-2, N of <17688>	M50.14, N/A	Deposit: Layer	Fine silt deposit along N edge of wall <17688>. Some burnt patches(?) in the W part/close to the S end of wall <17529>. Inclusions of mud brick and pottery.	N/A	I/a	6.38 × 0.74 m (17690a+b)	0.17 m
I/-3: 15606	Entire square	M50.15; M50.16, N/A	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after the 1922 excavations.	15645, 17503	II/a	5 × 5 m	0.49 m (max.)
I/-3: 15611	E edge of square, E of <15613>	M50.15, 8; 9; 10	Deposit: Collapse	Mud-brick wall collapse on E side of wall <15613>. Latest phase of collapse.	17636	II/a	0.87 × 5 m	Not fully excavated

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
I/-3: 15612	E area of square, W of <15613>	M50.16, 9; 10	Deposit: Collapse	Mud-brick wall collapse on W side of wall <15613>. Latest phase of collapse, with possible earlier phase (15638) below. Combination of mud bricks and compact/loose sand/gravel deposits.	N/A	II/a	0.5 × 5 m	Not fully excavated
I/-3: 15614	SE area	M50.16, 10	Deposit: Layer/ Material	Concentration of pottery next to and N of oven [15622]. Includes shallow bowl set into surface. Possibly related to pottery concentrations (15636) to N and (15637) to E, running N.	N/A	I/a	1.16 × 0.66 m	0.32 m
I/-3: 15617	NE area	M50.16, 9	Deposit: Layer / Surface: Floor	Dark grey, compacted mud. Possible surface/floor. Edge aligned NE–SW. Sloping eastward. Irregularly shaped E edge, possibly destroyed by collapse events or could be collapse related or weathered mud bricks.	N/A	II/a	1.27 × 0.17 m	Not excavated
I/-3: 15618	S central area	M50.16, 10	Cut: Old excavation trench (?)	Possible 1922 investigation trench. Filled with collapse material (15636) and (15732). Contains loose windborne sand. Cut follows the course of an earlier pit onto which wall <15625> was erected.	N/A	II/e	1.18 × 1.31 m	1.65 m
I/-3: 15619	N central area and edge	M50.16, 9	Cut: Old excavation trench (?)	Possible 1922 investigation trench or natural feature filled with windborne sand.	N/A	II/e	1.12 × 1.52 m	0.33 m
I/-3: 15622	SE central part of I/-3	M50.16, 10	Cut: Oven	Cut of cylindrical oven with a ceramic lining.	N/A	I/o	0.65 m diam.	c.0.6 m
I/-3: 15636	SE central area	M50.16, 9; 10	Deposit: Layer/ Material	Pottery concentration within loose sand matrix, surrounded by mud-brick collapse. Possibly related to pottery concentration (15637).	15637?, 15638?	I/a	0.34 × 0.5 m	c.0.3 m (see (15614))
I/-3: 15637	E central area	M50.15; M50.16, 9	Deposit: Layer/ Material	Pottery concentration within an earlier phase of collapse, (15638), along the W edge of wall <15613>.	15636?, 15638?	I/a	2.1 × 0.22 m	0.28 m
I/-3: 15638	E and N area of square, W of <15613>	M50.15; M50.16, N/A	Deposit: Collapse	Earlier phase of collapse. Compact layer of mud/gravel over loose sand with concentration of pottery (15637) within it. Fairly flat surface along the W side of wall <15613>.	N/A	I/a	2.8 × 0.47 m	0.35 m (max.)
I/-3: 15645	Entire square	M50.15; M50.16, N/A	Deposit: Overburden/ cleaning	Overburden/windblown material. Arbitrary layer of deposit excavated (while cleaning) below initial surface material (15606). Can be considered same as (15606).	15606, 17503	II/a	N/A	0.49 m (max.) (see 15606)
I/-3: 15654	Central W area, E of <15615>	M50.16	Deposit: Collapse	Mud-brick collapse.	N/A	II/a	2.5 × 0.4 m	Not excavated
I/-3: 15666	SE part of I/-3	M50.16, 10	Deposit: Cleaning layer	Cleaning around oven [15622] to delineate ceramic lining and surrounding mud-brick structure/wall.	N/A	II/b	1.28 × 1.16 m	N/A
I/-3: 15691	SE part of I/-3	M50.16, 10	Ceramic oven liner	Ceramic lining of oven [15622]. Approximately 0.85 m (E) and 0.58 m (W) high; 8 cm thick; 0.7 m diam. at top; 0.46 m diam. at base. Bottom/base of oven is missing: either never part of oven or has deteriorated because of repeated intense burning.	N/A	I/o	0.63 m diam.	0.85 m tall
I/-3: 15694	Entire square with exception of the area E of <15644>	M50.16, 9; 10	Deposit: Collapse	Mud-brick collapse W of wall <15613>: additional phase. Substantial amount of mud brick still mortared together, orientation different to other walls in the square.	15916?	I/a	c.4 × 5 m	Not fully excavated
I/-3: 15732	SE part of I/-3	M50.16, 10	Deposit: Collapse	Collapse W of wall <15613>.	N/A	I/a	1.48 × 2.74 m	Not fully excavated
I/-3: 15790	SE part of I/-3	M50.16, 10	Deposit: Fill	Fill of oven [15622]. NE section removed. Sandy with charcoal and mud-brick collapse.	N/A	I/o	0.57 m diam.	0.28 m
I/-3: 15794	SE part of I/-3	M50.16, 10	Deposit: Fill	Fill of oven [15622]. Very fine sand with little to no mud-brick rubble, except thin layer towards bottom of deposit at its W side. Relatively compact.	N/A	I/o	0.49 × 0.44 m	0.38 m
I/-3: 15797	SE part of I/-3	M50.16, 10	Deposit: Fill	Fill of oven [15622]. Similar to (15794) but with higher concentration of charcoal and ash. Very compact at base (possibly degraded ceramic lining as a result of repeated heating?).	N/A	I/o	0.65 m diam.	0.2 m
I/-3: 15904	SE part of I/-3	M50.16, 10	Deposit: Cleaning layer	Cleaning of square before planning and photography.	N/A	II/b	5 × 5 m	N/A
I/-3: 15908	SE area	M50.16, 9	Deposit: Layer	Compact, grey, sandy deposit E of structure <15909>. Not fully visible as partially under collapse from wall <15613> (not fully excavated).	N/A	I/a	0.8 × 0.5	N/A
I/-3: 15914	NW central area	M50.16, 9	Deposit: Layer/ Material	Pottery concentration within lower part of collapse (15694) against E side of wall <15615>. Many fragments of blue-painted pottery and a spinning bowl.	N/A	I/a	max. 0.5 m	N/A
I/-3: 15916	NW area	M50.16, 9	Object: Stone furniture	Two joining fragments of a stone table (object nos 41056–41057). Found with the smooth surface facing upwards (probably the use surface).	15694?	I/a	0.2 × 0.4 m and 0.2 × 0.12 m	N/A
I/-3: 15918	E central area	M50.16, 9	Deposit: Layer/ Material	Deposit/fill with charcoal and animal bone visible, N of wall <15752> and W of wall <15909>. A single mud brick placed at a right angle to wall <15909> (N of this deposit) suggests that this is the fill of this structure (a so-called ‘box hearth’ according to Woolley: see chapters 2 and 7).	N/A	I/a	0.7 m	Sampled, not fully excavated
I/-3: 15919	NW central area	M50.16, 9	Deposit: Layer	Ashy sand deposit with flecks of charcoal: trace of burning activity beneath collapse (15694) and pottery concentration (15914).	N/A	I/a	1 × 0.5 m	Not excavated
I/-3: 15925	Entire square	M50.15; M50.16, N/A	Deposit: Natural	Natural desert surface.	N/A	0/n	5 × 5 m	N/A

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
I/-3: 15989	S central area	M50.16, 9	Deposit: Fill	Fill of possible 1922 trench [15619].	N/A	II/a	1.72 × 1.12 m	1.65 m
I/-3: 15990	N central area and edge	M50.16, 9	Deposit: Fill	Fill of possible 1922 trench [15618].	N/A	II/a	1.67 × 1.5 m	N/A
I/-3: 17503	Entire square, mainly N part	M50.16, 3; 8	Deposit: Overburden	Windblown sand, overburden and backfill. Same as (15606).	15606, 15645	II/a	5 × 5 m	N/A
I/-3: 17765	SE part of I/-3	M50.16, 10	Deposit: Layer	Mud packing between ceramic liner 15691 and mud-brick structure <15692>. On photos it appears to contain small stones/gravel inclusions. There are three likely scenarios for the construction sequence after [15622] had been cut into surface 15922 (based on photos, although very unclear: since this was not investigated during the excavation, it remains possible that the surface was constructed after the oven): (1) the liner was placed in the cut, the brick construction was built and the packing was added; (2) the brick construction was built, the liner placed in the cut and the packing added; or (3) the lower part of the brick structure was built, the liner placed into the cut, the upper part of the brick construction was built and the packing added.	N/A	I/o	0.01 × 0.8 m	N/A
I/-3, I/-4: 15621	SE central part of I/-3, far NE part of I/-4 (small portion)	M50.16, 10	Deposit: Fill	Dark fill of oven [15622] with ashy material.	N/A	I/o	0.54 m diam.	c.0.01 m
I/-3, I/-4: 15922	N central edge of I/-4; S area, around cylindrical oven in I/-3	M50.16, 10	Surface: Floor	Mud surface, possibly floor below collapse (15694). Full extent uncertain as collapse still unexcavated. Horseshoe-shaped impression in surface, in S-central part of square.	N/A	I/o	2.42 × 0.94 m	0.22 m
I/-3, J/-3: 17714	NE central edge of I/-3, central W edge of J/-3	M50.15, 9	Deposit: Collapse	Fill of room 9 in M50.15. Very sandy deposit mixed with pebbles and compact/weathered surface, small quantity of charcoal and pottery.	N/A	I/a	1.8 × 1.79 m	0.08 m
I/-3, J/-3: 17715	SE corner of I/-3, SW corner of J/-3	M50.15, 8	Deposit: Collapse	Fill of room(?). Large area of collapse; edges not defined at time of excavation. Mud bricks appear more or less regular (possibly laid out? floor?).	N/A	I/a	1.86 × 1.77 m	0.14 m
I/-3, J/-3: 17722	SE corner of I/-3, SW corner of J/-3	M50.15, 8	Deposit: Collapse	Collapse in room 8 in M50.15, above deposit (17715). Mud bricks spread across its surface and mixed with the remains of wall <17549>. Appears to be truncated by cut [17724] (sand pit).	N/A	II/a	1.29 × 0.97 m	0.02 m
I/-3, J/-3: 17724	SE corner of I/-3, SW corner of J/-3	M50.15, 8	Cut: Pit	Cut of sand-filled pit. Probably a later intrusion.	N/A	II/a	1.19 × 1.13 m	0.31 m
I/-3, J/-3: 17766*	SE corner of I/-3, SW corner of J/-3	M50.15, 8	Deposit: Fill	Fill of sand pit [17724]. Fine silt deposit.	N/A	II/a	1.2 × 1.13 m	0.18 m
I/-4: 15604	Central part	M50.14, Area 5	Deposit: Layer/ Material	Surface deposit comprising scattered, vitrified mud-brick fragments and pottery fragments (including one that may be part of a glass ingot mould). It was initially thought to indicate the location of a potential fire installation, even though it would have been slightly dislodged by modern activity on the surface (e.g. walking).	N/A	II/a	1.8 × 2.4 m	See (15605)
I/-4: 15605	Entire square	M50.14, Area 5	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after the 1922 excavations.	15606, 15607, 15608, 15609, 15610	II/a	5 × 5 m	c.0.2 m (varies)
I/-4: 15623	Central part	M50.14, Area 5	Deposit: Layer/ Material	Loose sand with vitrified, very glassy material, probably overburden.	N/A	II/a	0.6 × 0.7 m	0.03 m
I/-4: 15626	SW part	M50.14, Area 5	Deposit: Collapse	Collapse, similar to (15628).	N/A	II/a	0.5 × 0.3 m	0.18 m
I/-4: 15628	NW part	M50.14, Area 5	Deposit: Collapse	Collapse from walls <15624> and <15625>: brick rubble containing pottery. Same as (15640)/(15665).	15646	II/a	0.85 × 0.5 m	c.0.23 m
I/-4: 15629	SW central area	M50.14, Area 5	Deposit: Collapse	Part of collapse layer (15628). Partly covered vitrified material (15641).	N/A	II/a	0.9 × 0.6 m	0.12 m (max.)
I/-4: 15630a*	SE 2/3 of square	M50.14, Area 5	Deposit: Layer	Compacted, thin, grey layer of sand with pebbles and some large pieces of pottery in the N half of square. Possibly compacted collapse or still part of overburden.	N/A	II/a	3.5 × 5 m	0.1–0.3 m (varies)
I/-4: 15630b*	SE 2/3 of square	M50.14, Area 5	Deposit: Layer	Compacted thin, grey layer of sand with pebbles. Perhaps a compacted, trampled surface on top of surface 15901, into which possible fire pit [15642] was cut. Contains some large pieces of pottery in N half of square.	N/A	I/a	3.5 × 5 m	0.1–0.3 m (varies)
I/-4: 15631	NW area	M50.14, Area 5	Cut: Old excavation trench	Cut of 1922 trench. Filled with overburden (15605). Probably excavated to chase wall outlines in 1922.	N/A	II/e	0.8 × 0.75 m	0.06 m
I/-4: 15632	N central area	M50.14, Area 5	Cut: Old excavation trench	Cut of 1922 trench. Filled with overburden (15605). Irregular in shape. Probably excavated to chase wall outlines in 1922.	N/A	II/e	0.75 × 2.2 m	0.21 m
I/-4: 15633	SE part	M50.14, Area 5	Cut: Old excavation trench	Cut of 1922 trench. Filled with overburden (15605).	N/A	II/e	1.1 × 1.4 m	0.08 m
I/-4: 15634	SW central area	M50.14, Area 5	Cut: Old excavation trench	Cut of 1922 trench, against the W edge of wall <15629>. Shallow, filled with overburden (15605). Merges with [15642].	N/A	II/e	1.2 × 0.9 m	0.08 m

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
I/-4: 15635	SW area	M50.14, Area 5	Cut: Old excavation trench	Cut of 1922 trench.	N/A	II/e	1.7 × 0.75 m	0.09 m
I/-4: 15640	W central area	M50.14, Area 5	Deposit: Fill	E portion of the fill of pit [15642]. Sandy, mid brown, loose deposit (similar to overburden (15605)), with charcoal. W half of feature filled with collapse (15665) and redeposited natural (15659).	15665	I/a	1.3 × 1 m	0.07 m
I/-4: 15641	Central part	M50.14, Area 5	Deposit: Layer/ Material	Arbitrary spit of vitrified material SE of feature [15642]. Possible dump. Very green and glassy in parts. Some material still loose on surface.	N/A	II/a	0.7 × 0.62 m	0.13 m
I/-4: 15642	W central area	M50.14, Area 5	Cut: Pit	Cut of possible fire pit. Sub-circular in plan. Cut into natural desert surface (15647). No structural remains survive, only a shallow pit. Top part: burnt sand with some heat-affected possible mud floor. Some charcoal towards base, which has concave and steeper sides in W half. Filled with redeposited natural (15659) and collapse (15628).	15643	I/o	1.3 × 1 m	0.25 m
I/-4: 15643	W central area	M50.14, Area 5	Deposit: Fill/Pit wall	Fire-affected, hard sand surrounding the cut of possible fire pit [15642].	15642	I/o	1.3 × 1 m	0.3 m
I/-4: 15647	Entire square	M50.14, Area 5	Deposit: Natural	Natural desert surface: medium loose, yellow sand with many pebbles.	15690, 15708	0/n	5 × 5 m	N/A
I/-4: 15659	NW part	M50.14, Area 5	Deposit: Fill	Fill of pit [15642], below fill (15640), possibly redeposited natural. Yellow in colour, well compacted, contains many pebbles.	N/A	I/o / I/a	1.3 × 1 m	0.25 m
I/-4: 15665	W central area	M50.14, Area 5	Deposit: Fill	Topmost fill in W part of of pit [15642]. Same as collapse layer (15628) and (15640). Collapsed mud bricks and large sherds in dusty, grey sand.	15640, incl. 15755, 15628?	I/a	1.3 × 1 m	0.3 m
I/-4: 15693	Central part	M50.14, Area 5	Deposit: Layer/ Material	Area of vitrified mud bricks below vitrified material (15641).	N/A	II/a	0.7 × 0.62 m	0.08 m
I/-4: 15705	Central part	M50.14, Area 5	Deposit: Layer/ Material	Layer below vitrified material (15693). Fine, orangey yellow sand. Small amount of gravel. Rare traces of mud. No finds, except small bivalve shells (possibly local and natural).	N/A	II/a	0.7 × 0.62 m	0.13 m
I/-4: 15708	NE centre	M50.14, Area 5	Deposit: Natural	Sand and gravel deposit under deposit (15630b). Contains concentration of large, angular gravel. No distinct boundary/limits. Likely natural, same as 15647.	15647, 15690	0/n	1.42 × 0.46 m	N/A
I/-4: 15730	Central part	M50.14, Area 5	Cut: Pit	Cut containing area of vitrified mud brick and sandstones. Edges are not defined. E side is clearly covered by a small area of surface 15901 containing numerous stake holes.	N/A	I/o	0.72 × 0.57 m	0.16 m
I/-4: 15733	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining.	N/A	I/o	0.025 × 0.03 m	0.02 m
I/-4: 15734	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining.	N/A	I/o	0.035 m diam.	c.0.02 m
I/-4: 15735	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.05 m diam.	0.01 m
I/-4: 15736	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular.	N/A	I/o	0.02 m diam.	0.01 m
I/-4: 15737	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining. Potsherd in hole. Fill (15749) preserved under potsherd.	N/A	I/o	0.035 m diam.	c.0.02 m
I/-4: 15738	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular.	N/A	I/o	0.04 m diam.	0.015 m
I/-4: 15739	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining.	N/A	I/o	0.035 × 0.05 m	0.02 m
I/-4: 15740	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining.	N/A	I/o	0.05 m diam.	0.02 m
I/-4: 15741	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining.	N/A	I/o	0.05 m diam.	0.02 m
I/-4: 15742	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.005 m
I/-4: 15743	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with unclear limits.	N/A	I/o	0.03 m diam.	0.05 m
I/-4: 15744	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining.	N/A	I/o	0.025 m diam.	0.01 m
I/-4: 15745	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	0.01 m
I/-4: 15746	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a thin, dark brown mud lining.	N/A	I/o	0.025 m diam.	0.01 m
I/-4: 15749	Central part	M50.14, Area 5	Deposit: Fill	Fill of stake hole [15737]. Mid greyish brown silty sand containing a single potsherd.	N/A	I/a	0.035 m diam.	0.03 m
I/-4: 15755	W central area	M50.14, Area 5	Deposit: Layer/ Material	Pottery concentration in W part of feature [15642]. Probably part of (15665)/(15628).	15640, 15665	I/a		0.3 m (as (15665))
I/-4: 15769	S edge of square, to the W	M50.14, Area 5	Deposit: Fill	N fill of pit [15776]. Mid grey and sandy.	15775	I/a	0.35 × 0.6 m	0.215 m
I/-4: 15771	S central area	M50.14, Area 5	Cut: Pit	Cut of circular feature. Nearly vertical edges. Irregular base with firm mud in S half. Feature appears to have been re-cut multiple times.	N/A	I/o	0.6 × 0.4 m	0.135 m
I/-4: 15772	S central area	M50.14, Area 5	Deposit: Fill	Fill of circular feature [15771]. Mid brown, loose, sandy fill with some charcoal and pottery sherds.	N/A	I/a	0.6 × 0.4 m	0.135 m

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
I/-4: 15774	NE corner	M50.14, Area 5	Deposit: Cleaning layer/Collapse	Cleaning of collapse layer removed to clear the relationship between walls <15613>, <15624> and <15625>.	N/A	II/a	0.72 × 1.19 m	N/A
I/-4: 15783	N edge	M50.16, 10	Deposit: Cleaning layer	Cleaning of loose sand and any remaining collapse from S of walls <15624>/<15625>. Maybe the fill of a possible investigation trench against the section of the wall(?).	15783 (mixed)	II/a	1.78 × 4 m	N/A
I/-4: 15784	N edge	M50.16, 10	Deposit: Cleaning layer	Cleaning of top of and around walls <15624>/<15625> and interior rubble (15907).	N/A	II/b	1.2 × 0.55 m	N/A
I/-4: 15795	Central E part	M50.14, Area 5	Deposit: Cleaning layer	Fine, loose, yellow sand between wall <15652> and surface with stake holes 15901. Possibly the fill of an old excavation trench.	15630b, 15778	II/b	3.37 × 1.28 m	N/A
I/-4: 15799	S central area	M50.14, Area 5	Deposit: Layer/ Material	Concentration of fired/vitrified material within a sandy matrix.	N/A	I/a	0.96 × 1.4 m	N/A
I/-4: 15954	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.02 m
I/-4: 15955	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.02 m
I/-4: 15956	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.02 m
I/-4: 15957	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 × 0.01 m	c.0.02 m
I/-4: 15958	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.04 m diam.	c.0.02 m
I/-4: 15959	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 m diam.	c.0.02 m
I/-4: 15960	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 × 0.02 m	c.0.02 m
I/-4: 15961	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.04 × 0.03 m	c.0.02 m
I/-4: 15962	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 m diam.	c.0.02 m
I/-4: 15963	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 m diam.	c.0.02 m
I/-4: 15964	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.02 m
I/-4: 15965	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.04 × 0.03 m	c.0.02 m
I/-4: 15966	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.02 m
I/-4: 15967	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 × 0.02 m	c.0.02 m
I/-4: 15968	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 × 0.02 m	c.0.02 m
I/-4: 15969	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.02 m
I/-4: 15970	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 m diam.	c.0.02 m
I/-4: 15971	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 × 0.02 m	c.0.02 m
I/-4: 15972	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.02 m
I/-4: 15973	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 × 0.01 m	c.0.02 m
I/-4: 15974	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 × 0.01 m	c.0.02 m
I/-4: 15975	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 × 0.02 m	c.0.02 m
I/-4: 15976	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.02 m
I/-4: 15977	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.01 m diam.	c.0.02 m
I/-4: 15978	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 m diam.	c.0.02 m
I/-4: 15979	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 × 0.02 m	c.0.02 m
I/-4: 15980	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 × 0.01 m	c.0.02 m
I/-4: 15981	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 × 0.01 m	c.0.02 m
I/-4: 15982	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.03 m diam.	c.0.02 m
I/-4: 15983	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.02 × 0.02 m	c.0.02 m
I/-4: 15992*	SW area	M50.14, Area 5	Cut: Pit	Cut of pit. Roughly oval in shape.	N/A	I/o	0.82 × 0.59 m	0.26 m
I/-4: 15993*	SW area	M50.14, Area 5	Cut: Pit	Cut of pit. Roughly oval in shape.	N/A	I/o	0.69 × 0.39 m	0.235 m
I/-4: 15997*	Central part	M50.14, Area 5	Cut: Stake hole	Stake hole. Small and circular with a partial thin, dark brown mud lining.	N/A	I/o	0.01 × 0.01 m	c.0.02 m

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
I/-4, I/-3: 15994*	N part of I/-4, S edge of I/-3	M50.16, 10	Cut: Pit	Cut of earlier pit. Depth and exact shape uncertain. Wall <15625> was erected on top of the fill of this pit [15994].	N/A	0/c	1.18 × 1.31 m? (as [15618])	1.65 m? (as [15618])
I/-4, I/-3: 15995*	N part of I/-4, S edge of I/-3	M50.16, 10	Deposit: Fill	Fill of pit [15994]. Only visible in section below wall <15625>. Layers of weathered, silty deposits, although uncertain how many.	N/A	0/o	1.18 × 1.31 m? (as [15618])	1.65 m? (as [15618])
I/-4, I/-5: 15776	SW part of I/-4, NW part of I/-5	M50.14, Area 5	Cut: Pit	Cut of pit. Irregular oval in shape, shallow with fairly straight sides and hardened edges.	N/A	I/o	0.6 × 0.42 m	0.215 m
I/-4, I/-5: 15901	S 2/3 of I/-4, N part of I/-5	M50.14, Area 5	Surface: Floor	Eroded trampled mud floor surface. Irregular edges, possibly as a result of previous excavations. Pits and stake holes cut into the surface.	15778, 15795	I/o	4.57 × 2.23 m	0.08 m
I/-4, J/-4: 15660	Central E edge of I/-4, central W edge of J/-4	M50.14, Area 5	Cut: Pit	Pit, already noted on 1922 plan. Roughly circular in shape with moderate sides. Filled with (15706), (15710), (15759) and (15773). Mud-brick rubble at base. May truncate wall <15653>.	N/A	I/o	1.35 × 1.8 m	0.315 m
I/-4, J/-4: 15706	Central E edge of I/-4, central W edge of J/-4	M50.14, Area 5	Deposit: Fill	Sandy fill of pit [15660]. Same as (15710).	15710	I/a	1.94 × 1.36 m	0.31 m
I/-4, J/-4: 15710	Central E edge of I/-4, central W edge of J/-4	M50.14, Area 5	Deposit: Fill	Fill of pit [15660]. Windborne sand. Same as (15706).	15706	I/a	1.94 × 1.36 m	0.07 m
I/-4, J/-4: 15727	Central E edge of I/-4, central W edge of J/-4	M50.14, Area 5	Deposit: Layer	Compacted sand mixed with brick collapse.	N/A	I/a	3.03 × 2 m	0.09 m
I/-4, J/-4: 15759	Central E edge of I/-4, central W edge of J/-4	M50.14, Area 5	Deposit: Fill	Fill of pit [15660]. Dark brown/grey, loose, sandy deposit with charcoal. Probably the same as (15773).	N/A	I/a	1.93 × 1.36 m	0.215 m
I/-4, J/-4: 15773	Central E edge of I/-4, central W edge of J/-4	M50.14, Area 5	Deposit: Fill	Cleaning of pit [15660]. Combination of loose, windborne sand and collapse material removed to reveal mud-brick rubble at base. May be considered same as (15759).	15759?	I/a	1.93 × 1.36 m	0.03 m
I/-4, L/-4: 15915	Entire square	M50.14, N/A	Deposit: Cleaning layer	Cleaning of square before photographs.	15901?, 15781/15717?	II/b	17.49 × 5 m	N/A
I/-5: 15750	Entire square (excavated part)	M50.14, Area 5	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after 1922.	15753	II/a	5 × 5 m	c.0.1 m
I/-5: 15753	Entire square (excavated part)	M50.14, Area 5	Deposit: Layer	Cleaning layer below overburden (15750), after removal of first c.0.1 m. Sand, dusty.	15750	II/a	2.5 × 5 m	c.0.03 m
I/-5: 15761	S edge (centre) of excavated area	M50.14, Area 5	Deposit: Fill	Fill of pit [15767]. Collapse material.	15766?	I/a	0.76 × 1.18 m	0.135 m with (15766)
I/-5: 15766	S edge (centre) of excavated area	M50.14, Area 5	Deposit: Fill	Fill of pit [15767]. Mid brown, sandy deposit with some fired material and a small amount of vitrified material, also large mud-brick fragments. Likely collapse material.	15761?	I/a	c.0.5 × 0.5 m	0.135 m with (15761)
I/-5: 15767	S edge (centre) of excavated area	M50.14, Area 5	Cut: Pit	Cut of possible fire pit. Not well defined; extends into unexcavated part of square (S). Possible <i>in-situ</i> mud bricks where excavation was halted (not concluded).	N/A	I/o	1.15 × 0.75 m	0.4 m
I/-5: 15775	N edge (centre) of excavated area	M50.14, Area 5	Deposit: Fill	S half of fill of feature [15776]. Same as (15769) in N half. Mid grey, sand deposit. Removed before arbitrary layer (15778).	15769?	I/a	0.26 × 0.6 m	0.215 m
I/-5: 15777	S edge (W) of excavated area	M50.14, Area 5	Deposit: Fill	Fill of feature [15767]. Mid brown, sandy deposit with yellow sandy patches.	N/A	I/a	Uncertain	0.265 m; not fully excavated
I/-5: 15917	Entire square (excavated part)	M50.14, Area 5	Deposit: Cleaning layer	Cleaning before photographs.	N/A	II/b	2.5 × 5 m	N/A
I/-5, H/-5: 15760	Central E edge of H/-5, central W edge of I/-5	M50.14, Area 5	Deposit: Fill	Fill of pit [15765]. Compact sand with gravel. Natural desert surface encountered after approx. 0.17 m. Extended area of 6 cm N–S and 7 cm E–W.	N/A	I/a	0.975 × 0.525 m	0.17 m
I/-5, H/-5: 15764	Central E edge of H/-5, central W edge of I/-5	M50.14, Area 5	Deposit: Fill	Fill of [15765]. Mid brownish grey sand.	N/A	I/a	1.53 × 1.28 m	0.24 m
J/-2: 15925	Entire square	M50.15; M50.16, N/A	Deposit: Natural	Natural desert surface.	17685/17741	0/n	5 × 5 m	N/A
J/-2: 17508	Entire square	M50.15; M50.16, N/A	Deposit: Overburden	Windblown sand and overburden. Pale yellow sand; slightly browner and siltier near the mud-brick structure. A few middle-sized stones; small stones and flecks in N third; many small charcoal inclusions.	17507	II/a	4 × 5 m	0.47 m (max.)
J/-2: 17530	E part, W of <17528>, <17529> and <17530>	M50.15, 1; 2	Deposit: Collapse	Collapse from wall <17528>. Very compact, greyish/brownish sand with small pebbles and a weathered surface.	17531	II/a	1.5 × 2.5 m	Not fully excavated
J/-2: 17531	E part, W of <17528>	M50.15, 1	Deposit: Collapse	Collapse from wall <17529>.	17530	II/a	1.2 × 0.58 m	Not fully excavated
J/-2: 17533	Central S part	M50.15, 1; 2	Deposit: Gypsum	Gypsum patch within weathered surface/collapse (17535).	17568	I/a	0.26 × 0.14 m	N/A

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
J/-2: 17543	SW corner	M50.15, 1	Deposit: Collapse	Light brown, silty deposit on top of collapse, (17563), of mud-brick wall. Potentially extends into J/-3. No finds. Possibly the same as deposit (17535).	17694, 17535?	II/a	0.95 × 0.75 m	c.0.11 m
J/-2: 17568	Central part	M50.15, 2	Deposit: Collapse	Layer with gypsum pieces on weathered surface, associated with the collapse layers, (17530) and (17531), of walls <17520>, <17529> and <17528>.	17533	I/a	2.5 × 2 m	c.0.05 m
J/-2: 17583	Central and W part, W of <17528>, <17529> and <17530>	M50.15, 1	Deposit: Collapse	Sand deposit. Two patches with multiple layers of collapse mixed with gypsum inclusions visible.	N/A	I/a	2.5 × 5 m	c.0.1 m (varies)
J/-2: 17613	Central part	M50.15, 1	Deposit: Cleaning layer/Gypsum	Cleaning layer containing gypsum (including one large piece on top of weathered surfaces), charcoal and pottery.	N/A	I/a	2.5 × 5 m	N/A
J/-2: 17629	NE part	M50.15, 3	Deposit: Collapse/ Natural	Area between walls <17528> and <17529>. SE corner: circular orange patch with some weathered surface mixed in with collapse. Also orange sand with pebbles inclusions and charcoal (N edges are not clear).	N/A	0/n	5 × 5 m	Not excavated
J/-2: 17634	N central area	M50.15, 1	Deposit: Fill/Surface	Deposit with inclusions of small pebbles and with a weathered surface. A fill of waste pit [17736] that may have been exposed in 1922.	N/A	0/o	1.41 × 4.05 m	N/A
J/-2: 17680	W part, N of <17562>	M50.15, 1	Deposit: Collapse	Collapse layer near wall <17562>. Contains fragments of mud bricks, compact sand and large amounts of charcoal. Possible burning in area at the edges of wall <17562> and this collapse.	17644?	I/a	0.6 × 1 m	0.1 m
J/-2: 17684	SE corner, W of <17520>	M50.15, 2	Deposit: Collapse	Collapse from wall <17520> and a weathered floor surface: very compact sand with some pebbles. A small amount of plastered wall face visible on a section of wall <17520>. Mud bricks not clear.	N/A	I/a	0.6 × 0.7 m	N/A
J/-2: 17734	SW area	M50.15, 1	Deposit: Layer	Compact sandy/gravel layer on top of charcoal-rich deposit (17732), below floor surface <u>17733</u> . Possibly the top of the waste pit, hardened from being walked on.	N/A	I/c (I/o)	1.12 × 1.58 m	c.0.30 m (excavated)
J/-2: 17688b*	N edge of square	M50.14, N/A	Deposit: Collapse	Collapse from wall <17688> to its N. Isolated mud bricks.	N/A	I/a	N/A	N/A
J/-2, J/-3: 17563	SW corner, S of <17562>	M50.15, 2	Deposit	Collapse from wall <17562>, which does not appear in I/-2.	17636	II/a	0.33 × 0.95 m	N/A
J/-2, J/-3: 17628	SE corner	M50.15, 4	Deposit: Natural	Soft, orange sand with many pebbles and some remains of weathered surface (in SE).	N/A	0/n	0.6 × 0.7 m	0.36 m
J/-2, J/-3: 17675	SE corner, W of <17520>	M50.15, 2	Deposit: Collapse	Collapse from wall <17520> at the junction of J/-2 and J/-3. The edges of the layer are not clear, possibly under collapse in J/-3. There is no connection so far between walls <17529> and <17520>. Wall <17528> collapsed towards the NW.	N/A	I/a	1.6 × 1.5 m	0.31 m
J/-2, J/-3: 17693	Almost entire square J/-2 with exception of the N and E areas. N edge of J/-3	M50.15, 1; 2	Deposit: Layer	Loose but dense, brownish silt deposit.	N/A	0/o	3.89 × 3.41 m	0.25 m
J/-2, J/-3: 17723	NW corner of J/-3, SW corner of J/-2	M50.15, 2	Deposit: Fill	Fill of [17630]: fine, silty sand deposit, possibly windblown, associated with grey surface with some pebbles.	N/A	0/o	2.08 × 2.06 m	0.1 m
J/-2N: 17725	N central area	M50.15, 1	Deposit: Collapse	Greyish surface, very compact with pebble inclusions that starts by wall <17688>. A section was cut through it to see the extent of the greyish layer: limit still not discernible.	N/A	I/a	0.4 × 0.7 m	Not fully excavated
J/-3: 15661	Entire square	M50.15, 1; 4; 5; 6; 7; 8; 9; 10	Deposit: Overburden	Surface deposit. Overburden, windblown sand with pottery, stones and some modern waste.	17504	II/a	5 × 5 m	See (17504)
J/-3: 17504	Entire square	M50.15, 1; 4; 5; 6; 7; 8; 9; 10	Deposit: Layer	Mostly backfill and windblown sand mixed with gravel and some potsherds. Pale yellow crust in some locations. The deposit is a slightly darker brownish yellow along the mud-brick structures because of decay.	15661	II/a	5 × 5 m	0.67 m (max.)
J/-3: 17537	W edge, E of <17536>	M50.15, 2	Deposit: Collapse	Collapse from wall <17536>, on its E side. Partly loose, brownish grey silt with gravel, mud-brick fragments and partly compacted mud-brick remains.	N/A	II/a	2.3 × 0.7 m	c.0.06 m
J/-3: 17541	Central area, except E and S parts	M50.15, 2	Deposit	Windblown silt layer. Probably recent. Similar to (17593), but denser and harder with more gravel but without stones. Appears to be a water-hardened surface (in fact, different layers of several surfaces).	N/A	I/o	2.74 × 2.5 m	Not fully excavated
J/-3: 17542	E part	M50.15, 2; 3; 4	Deposit: Collapse	Collapse from wall <17520> to its W. Five to six brick courses on top of wall remains (each 11 cm wide with 2–3 cm of mortar in between). Stretcher and binder in N part, changing directions in S part.	N/A	II/a	3 × 1 m	c.0.35 m
J/-3: 17589	S central area	M50.15, 6	Deposit: Collapse	Remains/fragments of mud bricks E of wall <17538> and S of wall <17539>: collapse from <17538>.	N/A	II/a	0.5 × 0.45 m	c.0.1 m
J/-3: 17590	S central area	M50.15, 6	Deposit: Collapse	Mud-brick collapse from wall <17538>, W of wall <17540>. Similar to (17589). Single bricks lying on top of silt layer (17593).	N/A	II/a	0.6 × 0.7 m	c.0.6 m (max.)

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
J/-3: 17593	S central area	M50.15, 6	Deposit: Layer	Greyish, hardened (concreted by water) deposit. Fill in room, between walls <17538>, <17539>, <17540> and <17542>, continues in K/-3 as (17599). Probably recent: layers of windblown sand mixed with small amounts of gravel.	N/A	I/o	2 × 2.6 m	c.0.2–0.3 m
J/-3: 17630	N edge	M50.15, 2	Cut: Pit	Cut of large waste pit onto which the N part of M50.15 was erected. Cut into natural desert surface. Irregular semi-circle, only S part excavated.	N/A	0/c	1.37 × 2.97 m	Not fully excavated
J/-3: 17637	SE area	M50.15, 6	Cut: Pit	Cut of small, circular feature in the E part of room 6 in M50.15. Appears to contain some mud-brick collapse.	N/A	I/o	0.31 m diam.	Not excavated
J/-3: 17672	Central W area	M50.15, 2	Deposit: Collapse	Looser part of collapse from wall <17542> to its W. Water hardened/concreted in places. Greyish brown silt with gravel, pottery, fragments of mud bricks, patches of yellowish silt (mortar remains), animal bones, frequent charcoal and plant remains. Denuded mud bricks from collapse, mixed with deposit (17541) in lower part – not distinguishable. Fragments of cigarette paper were found at bottom of deposit.	N/A	II/a	2.8 (J/-3) × 0.5–1.2 m	c.0.4 m
J/-3: 17677	SE area	M50.15, 5; 6	Deposit: Collapse	Collapse from wall <17540>.	N/A	II/a	0.23 × 0.54 m	N/A
J/-3: 17685	N part	M50.15, 2	Deposit: Natural	Reddish orange silt mixed with small amounts of gravel and yellow, coarse sand. May be desert surface/the natural; however, it contains pottery sherds in the upper part (interface of finds?) and a patch of charcoal E of wall <17536>.	17741	0/n	4 × 3.5 m	N/A
J/-3: 17691	SW area	M50.15, 7	Deposit: Layer	Layer of windblown sand. Probably recent. Loose, light brown silt with very little gravel, S of wall <17539> (W), SSE of wall <17536>, and W of <17538>. Hardened surface, which covers only a 0.5 × 0.5 m patch directly S of wall <17539> (W). Similar to deposit (17541)(?).	N/A	I/o	1.5 × 2.5 m	Not fully excavated
J/-3: 17701	N part	M50.15, 2	Deposit: Layer	Fairly loose, brown silt layer with high concentration of potsherds: a possible waste pit?	N/A	0/o	2 × 0.5 m	Not fully excavated
J/-3: 17536c*	SE area	M50.15, 7	Deposit: Collapse	Collapse from wall <17536>.	N/A	II/a	1.71 × 0.81 m	Not fully excavated
J/-3, K/-3: 17599	SE and central part of J/-3, SW and central part of K/-3	M50.15, 5	Deposit: Layer	Layer of loose, brownish silt W of S end of wall <17549>. Hardened and concreted by water, forming a greyish surface. Contains mud bricks. Similar in appearance to windblown silt (17668).	N/A	I/o	3.6 × 1.61 m	0.09 m
J/-3, K/-3: 17668	NE edge of J/-3, NW edge of K/-3	M50.15, 4	Deposit: Layer	Silt deposit between walls <17520>/<17542> in J/-3 and <17549> in K/-3. Light brown, slightly greyish silt with a small amount of small gravel pieces. Water-hardened and concreted surfaces in some areas (similar to (17552) and (17541)). Similar to windblown silt (17599).	N/A	I/o	2.82 × 1.1 m	0.06 m
J/-3, K/-3: 17741	Entire square	M50.14, 1, 7, 6, 5, 4 in M50.15, Area 3	Deposit: Natural	Natural desert surface: reddish sand, loose, with pebbles.	17685	0/o	5 × 5 m (x 2)	N/A
J/-4: 15662	Entire square	M50.14; M50.15, Area 5	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after the 1922 excavations.	N/A	II/a	5 × 5 m	Varies
J/-4: 15678	SE edge	M50.14, Area 5	Deposit: Layer	Dusty, medium compact, greyish brown sand, probably windblown deposit. Contains glass chips and pebbles.	15674	I/a	2 × 2.5 m	c.0.05 m
J/-4: 15679	N half, S of <15675>	M50.14, Area 5	Deposit: Layer	Dusty, probably windborne sand below overburden. Contains many pieces of glass.	N/A	I/a	3.5 × 2 m	0.02–0.04 m
J/-4: 15697	Central area	M50.14, Area 5	Deposit/Cut: Fireplace	Small fire installation to the S of wall <15675>. Charcoal, traces of burning, dark sand.	N/A	I/a	0.24 × 0.2 m	Not excavated
J/-4: 15698	Central area	M50.14, Area 5	Deposit/Cut: Fireplace	Small fire installation to the S of wall <15675>. Charcoal, traces of burning, dark sand.	N/A	I/a	0.18 × 0.16 m	Not excavated
J/-4: 15699	Central area	M50.14, Area 5	Deposit: Fireplace	Small fire installation to the S of wall <15675>. Charcoal, traces of burning, dark sand.	N/A	I/a	0.2 × 0.21 m	Not excavated
J/-4: 15700	Central area	M50.14, Area 5	Deposit: Fireplace	Fill of fire installation [15756] S of wall <15675>.	N/A	I/a	0.205 × 0.16 m	0.07 m
J/-4: 15701	Central area	M50.14, Area 5	Deposit: Fireplace	Fill of fire installation [15754] S of wall <15675>.	N/A	I/a	0.2 × 0.23 m	0.1 m
J/-4: 15702	Central area	M50.14, Area 5	Deposit: Layer/ Material	Bead concentration. No feature outline or shape visible, but possibly a shallow, indiscernible hollow. Contained more than 20 unfinished blue and amber sphere beads as well as pieces of glass and other beads.	N/A	I/a	0.49 × 0.43 m	0.01–0.05 m
J/-4: 15703	Central area	M50.14, Area 5	Cut: Fireplace (?)	Shallow depression filled with collapse/mud-brick rubble: possible fire installation.	N/A	I/a	0.41 × 0.44 m	c.0.03 m
J/-4: 15704	Entire square	M50.14; M50.15, Area 5	Surface: Floor (?) or layer	Compacted, windborne sand mixed with collapse.	N/A	I/o	5 × 5 m	N/A
J/-4: 15754	Central area	M50.14, Area 5	Cut: Pit	Small fire installation to the S of wall <15675>. V-shaped cut with gradual slopes.	N/A	I/o	0.2 × 0.23 m	0.1 m
J/-4: 15756	Central area	M50.14, Area 5	Deposit/Cut: Fire- place (?)	Small fire installation to the S of wall <15675>. Cut very shallow with gentle slope. Profile of wide U-shape.	N/A	I/o	0.16 × 0.2 m	0.07 m
J/-4: 15905	Entire square	M50.14; M50.15, Area 5	Deposit: Cleaning layer	Cleaning of square before planning.	N/A	II/b	5 × 5 m	N/A

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
J/-4: 15952	Central area	M50.14, Area 5	Deposit/Cut: Fireplace	Small, sub-oval fire installation to the S of wall <15675>. Dark brown with traces of charcoal.	N/A	I/a	0.21 m diam.	Not excavated
J/-4: 15953	Central area	M50.14, Area 5	Deposit/Cut: Fireplace	Small fire installation to the S of wall <15675>. Dark brown/grey sand with charcoal.	N/A	I/a	0.24 × 0.21	Not excavated
J/-5: 17515	Entire square	M50.14, Area 5	Deposit: Overburden	Overburden: greyish and windblown sand with many pebbles and pottery.	N/A	II/a	2.5 × 5 m	c.0.1 m (varies)
J/-5: 17572	E central edge	M50.14, Area 5	Surface: Floor (?)	Trampled floor surface(?) with pottery and large stones.	17622?	I/a	1.28 × 1.4 m	c.0.09 m
J/-5: 17608	Entire square (excavated part)	M50.14, Area 5	Deposit: Natural	Natural desert surface: reddish sand, rough, with stone inclusions.	17679, 17731	0/n	5 × 5 m	N/A
J/-5: 17619	S central area of excavated part	M50.14, Area 5	Deposit: Collapse	Reddish sand containing burnt mud brick.	N/A	I/a	0.23 × 0.09 m	c.0.3 m
J/-5: 17620	S extension	M50.14, Area 5	Surface: Floor (?)	Dark grey, compact sand: possibly a floor(?). Same as <u>17678</u> .	17678	I/o	3.58 × 1 m	Not excavated
J/-5: 17621	S central area of excavated part	M50.14, Area 5	Deposit: Fill	Fill of fireplace: grey, ashy sand with charcoal, vitrified material and blackened patches. It also contains burnt pottery and flint.	N/A	I/o	0.32 m diam.	c.0.13 m
J/-5: 17622	SE corner of excavated area	M50.14, Area 5	Deposit: Collapse	Collapse from S boundary wall, around oven [17709]. Compact, grey sand with mud bricks.	17572?	I/a	1.18 × 2.17 m (max.)	c.0.1 m
J/-5: 17624	SE corner of excavated area	M50.14, Area 5	Deposit: Fill	Top fill of oven pit [17709]. Contains pottery, vitrified material, charcoal and burnt mud brick. Same as (17638).	17638	I/a	0.73 m diam.	0.14 m
J/-5: 17638	SE corner of excavated area	M50.14, Area 5	Deposit: Fill	Second fill of oven [17709]: concreted, dark grey soil. Same as (17624).	17624	I/a	0.31 m diam.	0.24 m
J/-5: 17678	N 2/3 (initial excavation area)	M50.14, Area 5	Surface: Floor	Trampled floor surface: grey surface with many stones, traces of charcoal and pottery. Same as <u>17620</u> .	17620	I/o	c.2.5 × 5 m	c.0.09 m
J/-5: 17679	Entire square	M50.14, Area 5	Deposit: Natural	Natural desert surface: reddish and loose, with small and large stones. Same as <u>17608</u> .	17608, 17731	0/n	var. patches	N/A
J/-5: 17707	SE corner of excavated area	M50.14, Area 5	Deposit: Fill	Lowest fill of oven pit [17709]: compact, grey deposit, traces of natural desert surface visible through the fill.	17624?	I/a	0.5 m diam.	N/A (probably same as (17624)?)
J/-5: 17709	SE corner of excavated area	M50.14, Area 5	Cut: Pit	Cut of oven pit. Almost circular with almost straight edges and a flat base. Very compact, dark grey sand with many small stones and chunks of vitrified material at the rim and some charcoal.	N/A	I/o	0.5 m diam.	0.14 m
J/-5: 17730	S central area of excavated part	M50.14, Area 5	Deposit/Cut: Fireplace	Cut of fireplace: probably a surface burning area rather than a pit as it is shallow.	N/A	I/o	0.72 m diam.	N/A (very shallow)
J/-5: 17731	Entire square	M50.14, Area 5	Deposit: Natural	Reddish desert sand. Same as <u>17608</u> .	17608, 17679	0/n	5 × 5 m	N/A
K/-2: 17509	Entire square	M50.14, Area 3	Deposit: Overburden	Overburden and recent windblown sand.	N/A	II/a	5 × 5 m	c.0.6 m (max.)
K/-2: 17581	NE part of square	M50.14, Area 3	Deposit: Collapse	Hardened deposit with pit [17584] cut into its surface. Some compacted mud bricks from underlying wall <17643>(?).	N/A	II/e	0.8 × 1 m	0.01 m
K/-2: 17582	NE corner of square	M50.14, Area 3	Deposit: Fill	Fill of pit [17584]. Loose, brownish deposit with charcoal fragments, fragments of animal bone and many date stones. Possibly more recent(?) food waste dump.	N/A	II/e	0.3 × 0.26 m	0.12 m
K/-2: 17584	NE corner of square	M50.14, Area 3	Cut: Pit	Pit cut into (17581); filled with (17582). Irregular rounded in plan and U-shaped in profile.	N/A	II/e	0.3 × 0.26 m	0.12 m
K/-2: 17595	NE part of square	M50.14, Area 3	Deposit: Fill/Surface	Hardened, brownish deposit containing small amounts of pottery and gravel, charcoal and some mud-brick fragments (in W part of collapse from wall <17594>). Fill of room enclosed by walls <17594> and <17597>.	17710	I/o	1.7 × 2.3 m	0.21–0.29 m
K/-2: 17600	SE corner	M50.14, Area 3	Surface: Floor (?)	Brownish soil; probably remains of mud floor. Continues S into K/-3 as <u>17551</u> , E into L/-2 as <u>17631</u> and SE into L/-3 as <u>17576</u> .	17551	I/o	2 × 0.6 m	c.0.05 m
K/-2: 17692	Entire square	M50.14, Area 3	Deposit: Natural	Natural desert surface: yellowish silt (50%) mixed with small gravel (50%), sometimes more yellowish (in patches below (17600)), sometimes more orange (below walls).	N/A	0/n	5 × 5 m	N/A
K/-2: 17699	Most of square except NW area and W of <17549> and <17729>	M50.14, Area 3	Deposit: Layer	Layer of greyish silt below overburden. Probably recent. Contains small amounts of small gravel pieces. Same as (17533b) in K/-3.	N/A	II/a	5 × 4.5 m	0.31 m
K/-2: 17708	S central area	M50.14, Area 3	Deposit: Layer	Fill of 1922 trench [17681]. Gravel. Same as (17561).	17561	II/a / 0/n	1.9 × 1.8 m	Not excavated
K/-2: 17577a*	NE part of square	M50.14, Area 3	Deposit: Spoil heap	Upper part of spoil heap. Greyish brown soil containing many potsherds and some mud bricks, gravel and small stones. Same as (17610a).	17610	II/e	2.8 × 3.5 m	0.12 m
K/-2: 17577b*	NE part of square	M50.14, Area 3	Deposit: Spoil heap	Lower part of spoil heap. Greyish brown soil containing many potsherds and some mud bricks, gravel and small stones.	N/A	II/e	2.61 × 1.98 m	0.29 m
K/-2, K/-3: 17681	S central part of K/-2, N central part of K/-3	M50.14, Area 3	Cut: Old excavation trench (?)	Probably a trench from the 1922 excavation: filled with gravel (17561) in (K/-3) and (17708) in K/-2.	17561?	II/e / 0/n	4.71 × 2.79 m	0.37 m
K/-3: 15663	Entire square	M50.14, Area 3	Deposit: Overburden	Surface deposit. Loose, windblown sand, scattered pottery sherds and stone fragments as well as some modern waste. Likely deposited after the 1922 excavations. Same as (17510).	17510	II/a	5 × 5 m	c.0.21 m

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
K/-3: 17510	Entire square	M50.14, Area 3	Deposit: Overburden	Overburden. Loose, light brown, windblown silt with small gravel, a few small stones and several potsherds. Same as (15663).	15663	II/a	5 × 5 m	0.46 m (max.)
K/-3: 17551	NE edge	M50.14, Area 3	Deposit: Layer/Floor?	Brownish patch, potentially the remains of a mud floor. The edges could not be defined as it continues into K/-2 (as 17600) and L/-3 (as 17576).	17576, 17600, 17631	I/o	3.8 × 1 m	0.03 m
K/-3: 17552	SW area	M50.14, Area 3	Deposit: Layer/Floor?	Fine, greyish silt: probably windblown deposit, with concreted surfaces and a small amount of gravel.	N/A	I/o	2 × 1 m	c.0.1 m
K/-3: 17561	Central part of square	M50.14, Area 3	Deposit: Fill	Loose gravel layer below windblown silt (c.95% gravel, 5% silt). Contains potsherds and fragments of mud bricks. Similar to (17553a), only looser: re-deposited backfill in trench from previous excavation. Same as (17708) in K/-2.	17708, 17553b/17699?	II/a / 0/n	0.3 × 0.3 m	c.0.05 m
K/-3: 17567	W part of square, E of <17549>	M50.14, Area 3	Deposit: Collapse	Collapse from wall <17549>, to its E. Contains pottery and animal bones.	N/A	II/a	1 × 0.4 m	0.14 m
K/-3: 17599	SW area	M50.15, 4	Deposit: Layer	Layer of loose, brownish silt W of the S end of wall <17549>: hardened and concreted by water to form a greyish surface. Contains mud bricks. Similar in appearance to windblown silt (17668).	N/A	II/a	1.8 × 0.5	Not fully excavated
K/-3: 17553a	Central part of square	M50.14, Area 3	Deposit: Layer	Layer of coarse, greyish silt with very high amount of gravel: hardened and concreted on surface by water, loose below. Yellowish patches in some parts. Continues eastwards as 17656 (L/-3).	17656	I/o	5 × 4 m	Not excavated
K/-3: 17553b	S part of square, patches	M50.14, Area 3	Deposit: Layer	Layer of coarse, greyish silt with very high amount of gravel: hardened and concreted on surface by water, loose below. Probably recent. Yellowish patches in some parts. Same as (17699) in K/-2.	17699, 17561/17708?	II/a	5 × 4 m	N/A
K/-4: 15664	Entire square	M50.14, Area 6	Deposit: Layer	Surface deposit. Overburden, windblown sand with pottery, stones and some modern waste.	N/A	II/a	5 × 5 m	N/A
K/-4: 15669	Central N–S strip of square	M50.14, Area 6	Deposit: Overburden	Deposit, possibly windblown, between two N–S walls. Dusty greyish brown sand and pebbles. Few finds. Cleaning layer on top of collapse layer.	N/A	I/a / II/a	5 × 2 m	N/A
K/-4: 15673	W central part, N of <15672>	M50.14, Area 6	Deposit: Layer	Grey-brown sand with glass finds to the N of wall <15672> and W of structures <15670> and <15675>. Similar to (15669) but more localised. Windblown.	15679	I/a / II/a	2.61 × 1.51 m	0.02–0.04 m
K/-4: 15674	SW central part, S of <15672>	M50.14, Area 6	Deposit: Layer	Grey-brown sandy layer S of wall <15672> and W of wall <15670>. Similar in composition to (15673), probably windblown. Similar to (15669) but more localised.	N/A	I/a / II/a	1.67 × 1.56 m	0.02–0.04 m
K/-4: 15677	SE corner	M50.14, Area 6	Deposit: Layer	Dusty sand, similar to (15673) and (15674). Overlies feature [15709].	N/A	I/a / II/a	2 × 3 m	N/A
K/-4: 15685	Central N–S strip of square, running into the NE corner and running central in the S	M50.14, Area 6	Surface: Floor	Compacted muddy sand hardened from flooding. Slopes down towards wall <15670>. Contains potsherds and pebbles. Same as 15688.	N/A	I/o	5 × 3.51 m (max.)	c.0.005 m
K/-4: 15687	W central part, N of <15672>	M50.14, Area 6	Surface: Floor?	Compacted sand and collapse.	15779	I/o	2 × 1.7 m	0.03 m
K/-4: 15688	SE part	M50.14, Area 6	Surface: Floor?	Compact surface. Same as 15685.	15685, 15780?	I/o	1 × 0.3 m	
K/-4: 15718	E area	M50.14, Area 6	Cut: Pit	Cut of circular pit, edges almost vertical.	N/A	I/o	0.76 × 0.84 m	0.45 m
K/-4: 15779	NW corner	M50.14, Area 6	Deposit: Cleaning layer	Cleaning of walls <15675> and <15676> to understand their relationship with wall <15670>.	15687	I/o	0.59–1.53 × 1.7 m	N/A
K/-4: 15906	Entire square	M50.14, Area 6	Deposit: Cleaning layer	Cleaning of square before planning.	N/A	II/b	5 × 5 m	N/A
K/-4: 15686a	SW part	M50.14, Area 6	Surface: Floor?	Compacted sand and collapse.	N/A	I/o	1.5 × 1.7 m	Not excavated
K/-4: 15686b	SW part	M50.14, Area 6	Deposit: Fill	Compacted sand (possibly windblown) and collapse. Fill of feature [15718].	N/A	I/a	1.5 × 1.7 m	c.0.5 m
K/-4, L/-4: 15689	Central E edge of K/-4, central W edge of L/-4	M50.14, Area 6	Deposit: Fill	Top fill of pit [15709]. Loose, gravelly sand, probably windblown.	N/A	I/a	2.48 × 1.35 m	0.065 m
K/-4, L/-4: 15716	NE corner of K/-4, NW corner of L/-4	M50.14, Area 6	Deposit: Layer	Grey, sandy deposit. Not fully excavated.	N/A	I/a / II/a	1.79 × 1.6 m	0.025 m
K/-4, L/-4: 15728	Central E edge of K/-4, central W edge of L/-4	M50.14, Area 6	Deposit: Fill	Fill of pit [15709]. Distinct gravel deposit, fairly loose with sub-angular, medium to large pebbles.	N/A	I/a	1.33 × 1.6 m	0.05–0.2 m
K/-4, L/-4: 15729	Central E edge of K/-4, central W edge of L/-4	M50.14, Area 6	Deposit: Fill	Fill of pit [15709]. Sandy layer with very few pebbles.	N/A	I/a	1.33 × 1.6 m	< 0.1 m
K/-4, L/-4: 15731	Central E edge of K/-4, central W edge of L/-4	M50.14, Area 6	Deposit: Fill	Fill of pit [15709]. Compact, gravelly sand.	N/A	I/a	1.33 × 1.6 m	< 0.05 m
K/-4, L/-4: 15747	Central E edge of K/-4, central W edge of L/-4	M50.14, Area 6	Deposit: Fill	Fill of pit [15709]. Very smooth, compact mud deposit sloping down the E side of feature to the apparent base. About 2–3 cm thick, increasing towards the base to c.5–6 cm.	N/A	I/a	1.6 × 1.36 m	0.02–0.06 m

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
K/-4, L/-4: 15751	Central E edge of K/-4, central W edge of L/-4	M50.14, Area 6	Deposit: Fill	Fill of pit [15709]. Deposit rich with dark fibrous/plant material and charcoal. Could indicate burning at the base of the feature.	N/A	I/o	1.42 × 1.36 m	c.0.05 m
K/-4, L/-4: 15768	Entire square	M50.14, Area 6	Deposit: Cleaning layer	Cleaning layer, possibly the same as (15690).	15690?	II/b	7.5 × 5 m	N/A
K/-4, L/-4: 15781	SE corner of K/-4; SW corner of L/-4	M50.14, Area 6	Surface: Floor?	Compact, greyish brown surface between walls <15671> and <15713>.	15717	I/o	2.08 × 1.59 m	0.04 m
K/-5: 17516	Entire excavated area	M50.14, Area 6	Deposit: Overburden	Greyish overburden and windblown sand with many pebbles and pottery.	N/A	II/a	5 × 5 m	0.26 m (max.)
K/-5: 17554	SW part of excavated area	M50.14, Area 6	Surface: Floor (?)	Dark grey, rough sand with many small stones and trampled pottery.	17614, 17572, 17617?	I/a	3.4 × 1.6 m	0.22 m (max.)
K/-5: 17555	NE and central part of excavated area	M50.14, Area 6	Deposit: Layer	Light grey, fine sand containing many small stones.	17615	II/a	5 × 2.5 m	0.13 m (max.)
K/-5: 17556	Entire excavated area	M50.14, Area 6	Deposit: Natural	Brownish orange, rough sand with large quantity of small stones.	17616, 17632	0/n	var. patches	N/A
K/-5: 17607	SW edge of excavated area	M50.14, Area 6	Deposit: Collapse	Two isolated mud bricks, apparently aligned E–W. Same as (17648).	17648	I/a	0.41 m	N/A
K/-5: 17614	W half of S extension	M50.14, Area 6	Surface: Floor	Compact floor surface. Dark grey soil with many small stones.	17554	I/a	1 × 3.4 m	0.31 m (max.)
K/-5: 17615	E half of S extension	M50.14, Area 6	Deposit: Layer	Grey, fine, sandy deposit.	17555	II/a	1 × 2.1 m	0.04 m (max.)
K/-5: 17616	Entire excavated area	M50.14, Area 6	Deposit: Natural	Patch of reddish desert sand. Same as <u>17556</u> .	17556, 17632	0/n	0.41 m diam.	N/A
K/-5: 17617	S central area of S extension	M50.14, Area 6	Deposit: Collapse	Remains of mud bricks.	17554/17614?	I/a	0.32 m	N/A
K/-5: 17632	Entire excavated area	M50.14, Area 6	Deposit: Natural	Natural desert surface: rough, reddish sand with large stones. Same as <u>17556</u> .	17556, 17616	0/n	5 × 5 m	N/A
K/-5: 17647	W central edge of initially excavated area	M50.14, Area 6	Deposit: Collapse	Two isolated mud bricks and a degraded patch of mud.	N/A	I/a	0.38 m	N/A
K/-5: 17648	S central part of entire excavated area	M50.14, Area 6	Deposit: Collapse	Single mud brick. Mud brick patch (mortar?) on top of two single mud bricks. Same as (17607).	17607	I/a	0.39 m	N/A
K/-5: 17649	Central part of S extension	M50.14, Area 6	Deposit: Collapse	Single mud brick, not aligned.	N/A	I/a	0.23 m	N/A
K/-5: 17650	Central part of S extension	M50.14, Area 6	Deposit: Collapse	Single mud brick.	N/A	I/a	0.16 m	N/A
K/-5: 17652	Central part of initially excavated area	M50.14, Area 6	Surface: Floor	Compact, trampled floor surface with pottery and stones.	17653	I/o	2.44 × 2.41 m (max.)	Not excavated
K/-5: 17653	E half of S extension	M50.14, Area 6	Surface: Floor	Compact, trampled floor surface with pottery and stones.	17652	I/o	3.5 × 2.14 m	Not excavated
L/-2: 17511	Entire square	M50.14, Area 3	Deposit: Overburden	Overburden. Loose, light brown, windblown silt with small pieces of gravel, a few small stones and several potsherds.	N/A	II/a	5 × 5 m	0.68 m (max.)
L/-2: 17611	NE corner	M50.14, Area 3	Deposit: Spoil heap	Spoil heap.	N/A	II/e	4 × 1 m	0.47 m
L/-2: 17626	Central area, between <17609> and <15988/17597>	M50.14, Area 3	Deposit: Room fill/surface	Room fill: brownish silt mixed with a small amount of gravel. Contains charcoal, pottery and fragments of mud brick. Similar to (17631) but with more charcoal.	N/A	I/o	0.9–1.05 × 1.8 m	0.12 m
L/-2: 17631	Central area, between <17609> and <17597>/<15988/17579>, S of (17626)	M50.14, Area 3	Deposit: Room fill/surface	Greyish brown silt with gravel and some pebbles. Room fill S of <u>17626</u> . Contains less charcoal than <u>17626</u> .	17551/17600, 17576	I/o	3 × 4 m	< 0.01 m
L/-2: 17641	NW corner, between <17597> and <17642>	M50.14, Area 3	Deposit: Collapse	Compacted mud-brick rubble. Quite likely covers collapse from wall <17643>, (17643b). Same as (17581) in K/-2.	17581	II/e	1.6 × 0.9 m	0.01 m
L/-2: 17710	NW corner, between <17597> and <17642>	M50.14, Area 3	Deposit: Room fill/Surface	Hardened, brownish silt (90%) mixed with small amounts of gravel (10%) and containing charcoal and some potsherds. Room fill, similar to <u>17595</u> but contains a small layer of re-deposited natural.	17595	I/o	1.5 × 1 m	0.18 m
L/-2: 17711	N central area, between walls <15988/17597>, <17642> and <17643>	M50.14, Area 3	Deposit: Room fill/Surface	Room fill. Greyish, compact sand. Similar to <u>17710</u> .	N/A	I/o	1.5 × 3.5 m	0.17 m
L/-2: 17739	Entire square	M50.14, Area 3	Deposit: Natural	Natural desert surface: loose, yellow sand with pebbles.	N/A	0/n	5 × 5 m	N/A
L/-2: 17755	NW corner, between <17597> and <17642>	M50.14, Area 3	Surface: Floor	Mud floor surface below room fill.	N/A	I/o	1.5 × 1 m	Not excavated
L/-2: 17610a*	NW corner	M50.14, Area 3	Deposit: Spoil heap	Upper part of spoil heap. Overlies (17641). Same as (17577a).	N/A	II/e	c.2.5 × 1.5 m	c.0.42 m
L/-2: 17610b*	NW corner	M50.14, Area 3	Deposit: Spoil heap	Lower part of spoil heap. Underlies (17641). Same as (17577b).	N/A	II/e	c.2.5 × 1.5 m	c.0.42 m
L/-2: 17643b	N edge	M50.14, Area 3	Deposit: Collapse	Loose mud-brick collapse to the S of wall <17643>.	N/A	II/e	0.66 × 1.44 m	N/A

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
L/-2, L/-3: 17657	E edge of L/-2 and L/-3, along <15988/17579> and <17579>	M50.14, Area 3	Deposit: Layer/Floor	Loose, brownish grey silt, contains small amounts of charcoal.	N/A	I/o	10.33 × 1.21 m	0.1 m
L/-3: 15998*	NE central area	M50.14, Area 3	Cut	Small (re-)cut of oven pit [17601]. Filled with (17578), (17591) and (17592).	N/A	I/o	c.0.33 m diam.	0.12 m
L/-3: 17512	Entire square	M50.14, Area 3	Deposit: Overburden	Overburden. Loose, light brown, windblown silt with small, whitish gravel, a few small white and dark stones, and several potsherds.	N/A	II/a	5 × 5 m	0.2 m (max.)
L/-3: 17574	SW edge	M50.14, Area 3	Deposit: Collapse	Mud-brick collapse. Only one brick visible.	N/A	I/a	0.4, 0.6 m	N/A
L/-3: 17575	NE central area	M50.14, Area 3	Deposit: Mud packing	Mud packing around oven pit [17601]. Sides slightly raised around rim of pit.		I/o	0.7 m diam.	0.48 m
L/-3: 17576	N 2/3 of square	M50.14, Area 3	Surface: Floor	Greyish brown deposit with many small stones; between walls <17573> and <17579>, into which oven pit [17601] was cut; surrounds blue-painted ceramic vessel in SE corner, between walls <17579> and <17573>. Continues W into K/-3 as 17551, NW into K/-2 as 17600 and N into L/-2 as 17631.	17551/17600, 17631	I/o	2.8 m N–S, 4.3 m E–W	Not excavated
L/-3: 17578	NE central area	M50.14, Area 3	Deposit: Fill	Upper fill of re-cut [15998] through oven pit [17601]. Reddish grey, ashy sand. Contains pottery and many small stones.	17576	I/a	1.31 m diam.	0.18 m
L/-3: 17580	SE edge	M50.14, Area 3	Deposit: Collapse	Remains of mud bricks, not in alignment to wall <17579> in N of square, therefore maybe the collapse of a former wall.	N/A	I/a	0.3 × 0.6 m	N/A
L/-3: 17591	NE central area	M50.14, Area 3	Deposit: Fill	Fill of re-cut [15998] through pit [17601]. Thin layer of soil with traces of charcoal.	N/A	I/o	1.31 × 0.6 m	0.02 m
L/-3: 17592	NE central area	M50.14, Area 3	Deposit: Fill	Fill of re-cut [15998] through pit [17601]. Compact, ashy, grey, fine sand.	N/A	I/o	1.31 × 0.6 m	0.1 m
L/-3: 17596	NE central area	M50.14, Area 3	Deposit: Fill	Ash-grey soil with traces of charcoal. Same as (17602).	N/A	I/o	1.31 × 0.6 m	0.3 m
L/-3: 17601	NE central area	M50.14, Area 3	Cut: Pit	Cut of oven pit: circular with steep sides. Contains a clearly visible ring of charcoal towards the base. Filled with (17596) and (17700). Re-cut [15998] towards the top.	17575	I/o	0.74 m diam.	0.48 m
L/-3: 17602	NE central area	M50.14, Area 3	Deposit: Fill	Fill of pit [17601]. Same as (17596). Ash-grey, fine sand with large pieces of charcoal, many stones and pottery. One large, broken agate pebble at bottom of fill.	17596	I/o	0.28 m diam.	0.01 m
L/-3: 17656	S 2/3 of square	M50.14, Area 3	Surface: Floor?	Brownish grey silt mixed with gravel and small pebbles in area S of wall <17573>, continues W as 17553a (K/-3). Deposit below overburden (recent?)	17553	I/o	2 × 5 m	Not excavated
L/-3: 17658	NE area, E of <15988/17579>	M50.14, Area 3	Deposit: Fireplace	Deposit in fireplace [17689] E of wall <17579>: large amount of charcoal.	N/A	I/o	3 × 0.5 m	Not excavated
L/-3: 17686	NE central area	M50.14, Area 3	Deposit: Cleaning layer	Mixed context from final cleaning of oven cut [17601]: may contain charcoal from fills (17591), (17592) and (17596) as well.	N/A	II/b	2.33 m diam.	N/A
L/-3: 17689	NE area, E of <15988/17579>	M50.14, Area 3	Cut: Fireplace	Cut for fireplace. Filled with (17658).	N/A	I/o	0.36 × 0.51	Not excavated
L/-3: 17700	Entire square	M50.14, Area 3	Deposit: Natural	Natural desert surface: yellowish silt (50%) mixed with small gravel (50%). Below mud layer (floor?) 17576. Similar to 17692 in K/-2.	N/A	0/n	4.3 × 5 m	N/A
L/-3: 17742	E central area, corner of <17573> and <15988/17579>	M50.14, Area 3	Deposit: Fill	Second fill of blue-painted pottery jar (object no. 42030). Fill is compact with some charcoal and pottery, one faience bead. May be hardened collapse.	17751?	I/a	0.2 m diam.	0.28 m (with 17751)
L/-3: 17744	E central area, corner of <17573> and <15988/17579>	M50.14, Area 3	Deposit: Fill	Third and lowermost fill of blue-painted pottery jar (object no. 42030). Organic in nature. 0.24 m below rim of vessel.	N/A	I/a	0.2 m diam.	0.225 m
L/-3: 17751	E central area, corner of <17573> and <15988/17579>	M50.14, Area 3	Deposit: Fill	Top fill of blue-painted pottery jar (object no. 42030).	17742?	I/a	0.26 m diam.	0.28 m (with 17742)
L/-3: 17752	E central area, corner of <17573> and <15988/17579>	M50.14, Area 3	Cut: Ceramic vessel	Cut for blue-painted pottery jar (object no. 42030) in corner between walls <17573> and <17579>. Jar is slightly tilted to avoid cutting into wall <17579>. Cut follows the shape of the jar.	N/A	I/o	0.5 m diam.	c.0.48 m
L/-3: 17753	E central area, corner of <17573> and <15988/17579>	M50.14, Area 3	Structure: Mud casing	Mud casing for blue-painted ceramic vessel (object no. 42030). Surrounds the neck of the jar. Grey silt.	N/A	I/o	0.5 m diam.	c.0.05 m
L/-3: 17573c*	Central strip, running E–W, S of <17573>	M50.14, Area 3	Deposit: Collapse	Collapse from wall <17573> to its S.	N/A	I/a	0.3 × 0.27 m	N/A
L/-4: 15684	Entire square (2014 excavation, W half)	M50.14, Area 6	Deposit: Overburden	Overburden/windblown sand with pebbles, pottery and small amount of vitrified material. Same as (15664) in K/-4.	17517, 15664	II/a	5 × 2.5 m	0.105 m (max.)
L/-4: 15714	Central part of W (2014) excavation	M50.14, Area 6	Deposit: Layer/Surface	Dark brownish grey, ashy deposit below (15780). Large amount of organic material (plant remains). Same as 15785.	15785	I/o	1.44 × 0.38 m	0.045 m
L/-4: 15715	N part of W (2014) excavation	M50.14, Area 6	Surface: Floor	Dark patch, probably the remains of a floor. Probably equivalent to 15720a.	15720a?	I/o	0.3 m diam.	Not excavated

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
L/-4: 15719	Entire square, surrounding features (2014 excavation, W half)	M50.14, Area 6	Deposit: Surface	Compact, slightly muddy surface. Overlies the natural, (15690).	N/A	I/o	5 × 2.5 m	Not excavated
L/-4: 15722	N central area of 2014 excavation (W half)	M50.14, Area 6	Deposit: Collapse/ Surface: Floor	Remains of a floor surface or a degraded single brick.	N/A	I/o	0.2 × 0.18 m	N/A
L/-4: 15723	S central area of 2014 excavation (W half)	M50.14, Area 6	Deposit: Collapse/ Surface: Floor	Remains of a floor surface or a degraded single brick.	N/A	I/o	c.0.4 m diam.	N/A
L/-4: 15724	S central edge of 2014 excavation (W half)	M50.14, Area 6	Cut: Pit	Possible pit cut. Semi-circular in shape. Filled with (15725).	N/A	I/o	0.44 × 0.76 m	Not excavated
L/-4: 15725	S central edge of 2014 excavation (W half)	M50.14, Area 6	Deposit: Fill	Fill of possible pit [15724]. Greyish brown, dusty, windblown sand.	N/A	I/a	0.75 × 0.47 m	Not excavated
L/-4: 15726	Central area of 2014 excavation (W half)	M50.14, Area 6	Deposit: Floor	Patch of charcoal-rich floor surface on surface 15719.	15785	I/o	0.32 × 0.19 m	0.045 m
L/-4: 15780	Central area of 2014 excavation (W half)	M50.14, Area 6	Deposit: Floor	Grey, compact, sandy deposit with small pieces of gravel. Thickness varies within deposit: c.8 cm.	15688?	I/o	1.2 × 1.9 m	c.0.08 m
L/-4: 15785	Central area of 2014 excavation (W half)	M50.14, Area 6	Deposit: Floor	Dark brownish grey, ashy deposit below (15780). Large amount of organic material (plant remains). Same as 15714.	15714	I/o	0.38 × 1.4 m	0.045 m
L/-4: 15793	Central area of 2014 excavation (W half)	M50.14, Area 6	Deposit: Floor	Mud layer, weathered, irregular shape. Below a dark, ashy deposit and greyish gravel. This mud layer is also mixed with some compact gravel.	N/A	I/o	c.3 × 1.2 m	c.0.03 m
L/-4: 15796	S central area of 2014 excavation (W half)	M50.14, Area 6	Deposit: Floor	Dark, medium compact, sandy gravel on the periphery of a mud surface/floor. Irregular shape.	N/A	I/o	Two patches, 0.25 × 0.45 m (N) and 0.45 × 0.2 m (S)	c.0.03–0.07 m
L/-4: 15921	Central area of 2014 excavation (W half)	M50.14, Area 6	Surface: Floor	Grey, smooth mud surface under (15793).	N/A	I/o	1 × 1 m	Not excavated
L/-4: 17517	Entire square (2017 excavation, E half)	M50.14, Area 6	Deposit: Overburden	Overburden: fine sand, many ceramic fragments, frequent small stones. Same as (15684).	15684	II/a	5 × 5 m	0.155 m (max.)
L/-4: 17521	Entire square (2017 excavation, E half)	M50.14, Area 6	Deposit: Natural	Natural desert surface: light brown, rough sand, many small stones.	15690, 17523	0/n	0.74 × 0.64 m	N/A
L/-4: 17522	S central area of 2017 excavation (E half)	M50.14, Area 6	Deposit: Fill	Dark grey, rough sand containing burnt pottery and fish bones. Potentially a fireplace or a cooking area.	N/A	I/o	0.66 × 0.42 m	c.0.01 m
L/-4: 17523	Entire square (2017 excavation, E half)	M50.14, Area 6	Deposit: Natural	Natural desert surface: light brown, rough sand, many small stones. Same as (17521).	15690, 17521	0/n	0.62 × 0.7 m	N/A
L/-4: 17524	S area of 2017 excavation (E half)	M50.14, Area 6	Surface: Floor	Floor surface: dark grey, compact, rough sand with small stones and fragments of ceramic.	17532	I/o	1.04 × 3.2 m	0.05 m
L/-4: 17525	Central E–W strip of 2017 excavation (E half)	M50.14, Area 6	Deposit: Layer	Light brown, very fine sand. Desert sand under the floor(?).	N/A	I/a / II/a	2.34 × 3.2 m	c.0.04 m
L/-4: 17526	NE corner of 2017 excavation (E half)	M50.14, Area 6	Surface: Floor	Very dark grey, rough sand with many small stones and some ceramic potsherds. There are traces of chalk and gypsum (gypsum-lime plaster wash).	N/A	I/o	1.23 m × 1.38m	0.07 m
L/-4: 17532	Central area of 2017 excavation (E half)	M50.14, Area 6	Surface: Floor	Trampled floor surface: dark grey, compact, rough sand with small stones.	17524	I/o	3.1 × 1.4 m	c.0.03 m
L/-4: 17605	NW corner of 2017 excavation (E half)	M50.14, Area 6	Deposit: Fill of fireplace	Fill of superficial fireplace with large quantity of charcoal and burnt pottery.	N/A	I/o	0.72 × 0.45 m	0.42 m
L/-4: 17661	S central area of 2017 excavation (E half)	M50.14, Area 6	Cut: Fireplace	Cut of fireplace: oval in plan, shallow, with traces of superficial burning.	N/A	I/o	0.37 × 0.66 m	0.02 m
L/-4: 17662	NE corner of 2017 excavation (E half)	M50.14, Area 6	Deposit: Sand	Very loose, light grey, sandy deposit with many stones.	N/A	0/n	0.97 × 1.25 m	0.03 m (max.)
L/-4: 17664	NW corner of 2017 excavation (E half)	M50.14, Area 6	Surface: Floor	Compact floor surface: dark grey mud. Same as 15720a.	15720a	I/o	0.92 × 0.52 m	Not excavated
L/-4: 17665	NW corner of 2017 excavation (E half)	M50.14, Area 6	Surface: Floor/ Gypsum-lime plaster wash	Gypsum-lime plaster wash between two layers of dark grey mud floor. Same as 15721a.	15721a	I/o	0.71 × 0.34 m	Not excavated

Grid square, unit	Location in square	Building, Room	Category	Description	Equivalent to	Phase	Dimensions overall	Depth
L/-4: 17666	NW corner of 2017 excavation (E half)	M50.14, Area 6	Surface: Floor	Mud floor surface: dark grey, compacted clay between two layers of gypsum-lime plaster wash. Same as 15720b .	15720b	I/o	0.71 × 0.34 m	Not excavated
L/-4: 17667	NW corner of 2017 excavation (E half)	M50.14, Area 6	Surface: Floor/ Gypsum-lime plaster wash	Gypsum-lime plaster wash below layers of dark grey mud floor and further gypsum-lime plaster wash. Same as 15721b .	15721b	I/o	0.76 × 0.48 m	Not excavated
L/-4: 17671	NW corner of 2017 excavation (E half)	M50.14, Area 6	Cut: Fireplace	Cut of fireplace: oval in shape, shallow, mainly visible on the surface. Surrounded on two sides by walls <17606> and <17663>. Cut into 17526 . Filled with (17605).	N/A	I/o	0.73 × 0.45 m	0.04 m
L/-4: 15720a	NE corner of 2014 excavation (W half)	M50.14, Area 6	Surface: Floor	Remains of mud floor surface. Very faintly preserved in two patches: separated from underlying floor surface 15720b by gypsum-lime plaster wash layer 15721a .	17664	I/o	0.41 × 0.08 m	Not excavated
L/-4: 15720b	NE corner of 2014 excavation (W half)	M50.14, Area 6	Surface: Floor	Remains of mud floor surface. Very faintly preserved in two patches: separated from overlying floor surface 15720a by gypsum-lime plaster wash 15720a . Overlies gypsum-lime plaster wash 15721b .	17666	I/o	0.41 × 0.08 m	Not excavated
L/-4: 15721a	NE corner of 2014 excavation (W half)	M50.14, Area 6	Surface: Floor/ Gypsum-lime plaster wash	Gypsum-lime plaster wash associated with underlying mud floor surface 15720b .	17665	I/o	0.41 × 0.08 m	Not excavated
L/-4: 15721b	NE corner of 2014 excavation (W half)	M50.14, Area 6	Surface: Floor/ Gypsum-lime plaster wash	Gypsum-lime plaster wash, probably associated with surface 17526 , underlying mud-floor surface 15720b . Two samples taken.	17667	I/o	0.41 × 0.08 m	Not excavated
L/-4, K/-4: 15709	Central E edge of K/-4, central W edge of L/-4	M50.14, Area 6	Cut: Pit	Cut of pit indicated by an ‘X’ on the 1922 plan (although without a discernible kiln structure). Irregular oval, shallow sides, concave base. Filled with (15689), (15728), (15729), (15731), (15747) and (15751).	N/A	I/o	1.6 × 1.34 m	0.695 m
L/-5: 17518	Entire excavated area	M50.14, Area 6	Deposit: Overburden	Overburden: fine sand littered with ceramic fragments and many small stones, some bricks visible on the surface (parts of the enclosure wall are visible).	N/A	II/a	2.5 × 5 m	0.26 m (max.)
L/-5: 17544	Entire excavated area	M50.14, Area 6	Deposit: Layer	Grey, rough sand with many small stones.	N/A	I/a	2.45 × 5 m	0.05 m
L/-5: 17545	NW edge	M50.14, Area 6	Deposit: Layer	Fine, light grey desert sand.	N/A	I/a	3.22 × 0.8 m	c.0.01 m
L/-5: 17695	S edge of excavated area, S of <17546>	M50.14, Area 6	Surface: Floor	Trampled floor surface: dark grey with many stones. S of the enclosure wall.	N/A	I/o	0.86 × 5 m	Not excavated
L/-5: 17696	N 2/3 of excavated area, N of <17546>	M50.14, Area 6	Surface: Floor	Trampled floor surface: dark grey with many stones and pottery. N of the enclosure wall.	17524	I/o	5 × 1.95 m	Not excavated
L/-5: 17697	Entire square	M50.14, Area 6	Deposit: Natural	Natural desert surface: reddish, rough sand with many small stones.	N/A	0/n	4.61 × 2.5 m	N/A

CHAPTER 3: THE ARCHITECTURE: HOUSES M50.16 AND M50.15 AND THE WALLS IN POSSIBLE COURTYARD M50.14

Table 3.4 Summary of the architectural remains recorded at site M50.14–16. Bold unit numbers (where applicable) signify the number used in the chapter text. The brick pattern codes are taken from Spencer (1979: pl. 1–20): A1=alternating headers and stretchers; X1=stretchers; X2=headers.

Unit no.	Grid-square(s)	House/Area	Type	Description	Foundation type	Abuts	Abutted by	Dimensions (m)	Max. preserved height (m)
15613/ (17571)	I/-2, I/-3, I/-4	M50.15 (Area 2)	Wall	W boundary wall of M50.15, running N–S through I/-2, I/-3 and part of I/-4, parallel to <17759>. Three courses preserved in I/-2. Top: stretchers, then headers. Six courses preserved in I/-3 and I/-4: alternating courses of headers and stretchers. One-brick thickness. On top: course of stretchers in longitudinal joint (34 × 16 cm). Under that: course of headers in longitudinal joint (32–34 × 16 cm). Under that: 3rd course (brick bond A1). Yellowish mortar visible between bricks in I/-2.	15937 – foundation cut for <17571>: encountered in N part only, where wall is set into the top layers of the large waste pit.	15675	17688, 17562, 17718, 17720	7.73 × 0.55	0.57
15615	I/-2, I/-3	M50.16 (Area 1)	Wall	E boundary of inner part of M50.16: running N–S, delimits staircase <15616> to the E and room 9 to the W. Continues as <15924> in the S part of the house. Four courses preserved: alternate course of headers and stretchers, one-brick thickness. Brick bond A1.	15927 – uncertain whether foundation cut or bed of mortar: not excavated and base of wall covered with collapse.	15920	15752	4.08 × 0.42	0.36
15616	H/-3, I/-3	M50.16 (Area 1)	Staircase	Mud-brick staircase: only lowermost two courses preserved, on top of mud floor 15936a/b. The bricks are contained to the E and W by N–S running walls <15615> and <15913> respectively. The top course of bricks of what is presumably the second course of four bricks laid on edge can be discerned at the top of this structure: Headers lying on their long edge, on top of a bed of headers on their flat edge. The structure above this would have been built by placing diagonal beams of wood onto the back part of the lowermost course of bricks, and then building the steps on the beams (Spencer 1979: 95).	15948 – probably a cut, although uncertain: base of staircase is covered with mud floor.	15913, 15615	-	0.5 × 1.24	0.34
15624	G/-4, H/-4, I/-4	M50.16 (Area 1)	Wall	S wall of M50.16, running E–W along wall <15625>. Half-brick thickness, built of stretchers. Space between the two walls filled with rubble and placed bricks, (15907). Wall either erected for stability/insulation purposes (since <15625> (and probably this one, too) built over earlier pit [15994]), or it is the N wall of another house to the S. Tallest section of wall has up to four courses of bricks preserved (SE of room 10). Brick bond X1.	15941 – in I/-4 the wall may also run over the top of earlier pit [15994]. Not excavated, therefore uncertain.	15680?	-	7.94 × 0.36	0.38
15625	G/-4, H/-4, I/-4	M50.16 (Area 1)	Wall	S wall of M50.16, running E–W, parallel to and N of <15624>, forming a double-wall. Extends into H/-4 and I/-4. Appears to be largely collapsed in G/-4. Made of dark mud bricks. One-brick thickness. Probably brick bond A1.	15942 – in I/-4 the wall appears to run over the top of earlier pit [15994]. A layer of mortar foundation can be discerned.	15680, 15644/17761	15648, 15912, 15924	9.06 × 0.4	0.45
15644/ (17761)	I/-2, I/-3, I/-4	M50.16 (Area 1)	Wall	E wall of M50.16, built with/against wall <15613> (M50.15), both running N–S. Four courses preserved. One-brick thickness. Probably brick bond A1.	15940 – not sufficiently excavated to determine whether this is a foundation cut or a bed of mortar. Wall appears to continue into the collapse but was not fully excavated.	-	15625, 17703, 15752	9.25 × 0.37	0.55
15648	H/-3, H/-4	M50.16 (Area 1)	Wall	Mud-brick wall in M50.16, running N–S, dividing rooms 4 and 3, and rooms 5 and 6. One-brick thickness. Probably brick bond A1.	15935 – not sufficiently excavated to determine whether this wall has a foundation layer or a cut, or both.	15625	15920	3.84 × 0.35	0.15
15651	G/-2, G/-3, G/-4	M50.16 (Area 1)	Wall	W wall of M50.16, running N–S. Thin, stabilised by parallel wall <17759> to the E. Abutted by wall <17703> (N). One-brick thickness. Probably brick bond A1.	15946 – not sufficiently excavated to determine whether this wall has a foundation layer or a cut, or both.	15682	17759, 17703, 17625	8.06 × 0.32	0.38
15652	I/-4	M50.14 (Area 5)	Wall	Wall in the E part of I/-4, running N–S, poorly preserved, half-brick thickness. Only one course preserved because of wind erosion. Perpendicular to wall <15653>. Possibly extends into I/-5 (one brick only) after a gap of 0.5 m. Brick bond X1.	15938 – uncertain, wall too poorly preserved.	-	15653	2.65 × 0.18	0.08
15653	I/-4, J/-4	M50.15 (Area 2)	Wall	Short stretch of mud-brick wall running E–W between I/-4 and J/-4. Framed by N–S walls <15652> and <15695>. One course preserved. Half-brick thickness. Brick bond X1.	15939 – uncertain, wall too poorly preserved.	15652, 15695	-	2.42 × 0.21	0.02
15670/ (17558/ 17645)	K/-4, K/-5	M50.14 (Area 6)	Wall	Remains of a mud-brick wall running N–S through K/-4 and K/-5. One course preserved, one-brick thickness. Brick bond A1.	15931 – uncertain, possibly a cut?	S enclosure wall (although not preserved)	15672, 17757	3.97 × 0.23	0.23

Unit no.	Grid-square(s)	House/Area	Type	Description	Foundation type	Abuts	Abutted by	Dimensions (m)	Max. preserved height (m)
15671	K/-4, K/-5	M50.14 (Area 6)	Wall	Short stretch of mud-brick wall running N–S in E part of K/-4 (and K/-5). Half-brick thickness. Single course preserved. Brick bond X1.	15932 – not excavated, uncertain whether it is a bed of mortar or a foundation trench.	17646 (although relationship not preserved)	Wall running E–W though N part of K/-4 and L/-4, although not preserved.	4.95 × 0.17/3.21 × 0.37	0.3
15672	J/-4, K/-4	M50.14 (Area 6)	Wall	Short stretch of mud-brick wall running E–W in W part of K/-4 (and J/-4). Abuts <15670>. Half-brick thickness. One course preserved. Brick bond X1.	15930 – probably a bed of mortar.	15670	-	1.71 × 0.2	0.23
15675	I/-4, J/-4, K/-4	M50.15 (Area 2)	Wall	S wall of M50.15, running E–W along the N edge of I/-4, J/-4 and K/-4. One-brick thickness, preserved in two courses. Stabilised by E–W wall <15696>. Appears to be abutted by walls <15613> (W) and <17549> (E). Brick bond X2. Thick mortar.	15928 – bed of mortar.	-	15696, 15613/17571, 17549, 17536 (relationship not preserved), 17538, 17540	7.45 × 0.59	0.42
15676	J/-4, K/-4	M50.14 (Area 5)	Wall	Short section of mud-brick wall running N–S near the exterior SW corner of M50.15. One course preserved. Half-brick thickness. Brick bond X1.	15929 – too poorly preserved to identify.	15675 (relationship not preserved)	-	0.78 × 0.2	N/A
15680	G/-4	M50.16 (Area 1)	Wall	Wall running N–S in the NE part of G/-4. Probably part of the S wall of M50.16, <15624>/<15625>. Half-brick thickness. Brick bond X1.	15680b – probably a bed of mortar.	15681	15624, 15625	0.97 × 0.2	0.47
15681	G/-4	M50.16 (Area 1)	Wall	Short stretch of E–W running wall in the SW exterior corner of M50.16. Half-brick thickness. Brick bond X1.	15681b – probably a bed of mortar.	-	15680	0.48 × 0.12	0.55
15682	G/-3	M50.14 (Area 4)	Wall	Mud-brick wall running E–W at S end of G/-3. Four courses preserved. Half-brick thickness. Brick bond X1.	15949 – bed of mortar visible in photo, although not certain whether this wall also has a foundation trench based on the sand raised around its E side (might also be backfill).	-	15651, 17759, 15943, 15994	5 × 1.9	0.32
15692	I/-3	M50.16 (Area 1)	Wall	Mud-brick structure/lining surrounding cylindrical ceramic oven [15622] to its E and S in I/-3. Follows the circle of oven [15622]. Half-brick thickness. Brick bond X1.	15622 – not excavated, nature uncertain.	-	15651, 17559	1.6 × 0.14	0.39
15695	J/-4	M50.14 (Area 5)	Wall	Mud-brick wall running N–S in the SW of J/-4. Abutted by wall <15653>. Single course preserved. Half-brick thickness. Brick bond X1.	15933 – uncertain, wall too poorly preserved.	-	15653	1.77 × 0.18	0.08
15696	J/-4	M50.15 (Area 2)	Wall	E–W brick alignment to the S of wall <15675> (two sections of stretchers). Half-brick thickness. Possibly a buttress to stabilise the S boundary wall, <15675>, of M50.15, or the N wall of another house to the S. Brick bond X1.	15934 – insufficiently excavated, although bricks appear to be sunk into the natural; possibly a foundation cut.	-	-	5 × 0.24	0.09
15707	G/-3	M50.14 (Area 4)	Wall	Mud-brick wall running E–W, to the N of possible granary <15770>, partially collapsed. Single course preserved, half-brick thickness. Yellow sandy bricks. Three to four courses preserved, all stretchers. Brick bond X1.	15947 – appears to be a bed of mortar.	-	-	1.62 × 0.2	0.24
15713	L/-4, L/-5	M50.14 (Area 6)	Wall	Short stretch of mud-brick wall running N–S in SW of L/-4. Only one course visible. Half-brick thickness. Brick bond X1.	15926a – not excavated, uncertain whether it is a bed of mortar or a foundation trench.	-	-	1.28 × 0.22	0.14
15752	I/-3	M50.16 (Area 1)	Wall	Mud-brick wall running E–W below collapse layer (15732). Bricks well preserved. Separates rooms 9 and 10 in M50.16. One course preserved. Half-brick thickness. Yellow sandy bricks, thick layer of compact mortar visible partly on top of the bricks. Brick bond X2.	15752b – uncertain since the lowermost course, which appears to be sunk, was excavated from the collapse, not the natural. If a pit had been present in this area, then it is possible that this wall was slightly cut into its top layer.	15615, 15644/17761	15909	2.61 × 0.35	0.14
15770	G/-3	M50.14 (Area 4)	Granary (?)	Circular mud-brick structure, possibly a granary. Wall remains forms a half-circle. At least two courses preserved. Half-brick thickness. Yellow sandy bricks and yellowish sandy mortar. Brick bond X1.	17764 – sediment with stones (mud layer).	-	-	c.1.5 (external), c.1 (internal)	0.11
15909	I/-3	M50.16 (Area 1)	Wall	Mud-brick wall running N–S. One course, two mud bricks visible. Half-brick width. Runs perpendicular to wall <15752>. Brick bond X1.	15909b – uncertain since the lowermost course, which appears to be sunk, was excavated from the collapse, not the natural. If a pit had been present in this area, then it is possible that this wall was slightly cut into its top layer.	15752	-	0.72 × 0.19	0.1
15912	H/-3, H/-4	M50.16 (Area 1)	Wall	Wall running N–S in S part of H/-3 and H/-4. Separates rooms 6 and 7 in M50.16. One-brick thickness. Brick bond X1.	15945 – not sufficiently excavated to determine whether this wall has a foundation layer or a cut, or both.	15920, 15625	-	1.73 × 0.35	0.45
15913	H/-2, H/-3	M50.16 (Area 1)	Wall	Mud-brick wall running N–S, W of staircase structure <15616>. One course of stretchers preserved, one-brick thickness. Bricks are well preserved. Wall described by Woolley (Peet and Woolley 1923: 19) as containing the painted niche. Brick bond X1.	15944 – not sufficiently excavated to determine whether this wall has a foundation layer or a cut, or both.	17625	-	2.45 × 0.31	0.11

Unit no.	Grid-square(s)	House/Area	Type	Description	Foundation type	Abuts	Abutted by	Dimensions (m)	Max. preserved height (m)
15920	H/-3, I/-3	M50.16 (Area 1)	Wall	Mud-brick wall running E–W through H/-3. Separates rooms 3 and 6/7 in M50.16. Runs perpendicularly to walls <15648>, <15615> and <15912>. One course of mud bricks visible on their length, except in the E end of H/-3, where two courses are preserved. Very shallow at W central part of H/-3. Difference between E part of wall and W one: E has stretchers for three bricks, then headers until the end. One-brick thickness. Probably brick bond A1.	15984 – not sufficiently excavated to determine whether this wall has a foundation layer or a cut, or both.	15648	15912, 15924, 15615	3.8 × 0.33	0.08
15924	I/-3, I/-4	M50.16 (Area 1)	Wall	Mud-brick wall running N–S in SE part of M50.16, separating rooms 7 and 10. One end with one-brick thickness visible, other end obscured by collapse deposit. One course preserved. Too poorly preserved to identify a brick bond.	15950 – not sufficiently excavated to determine whether this wall has a foundation layer or a cut, or both.	15920, 15625	-	1.45 × 0.4	0.37
15943	G/-3	M50.14 (Area 4)	Wall	Short stretch of mud-brick wall running N–S. Built against the W site of wall <17759>, on the exterior of M50.16. Half-brick thickness. Brick bond not identified.	15943b – construction cut, present but not excavated.	15682	-	1.29 × 0.31	N/A
15985	K/-4	M50.14 (Area 6)	Wall	Possible remains of a very short stretch of mud-brick wall running E–W in the N part of K/-4. Two isolated bricks preserved in location of E–W oriented wall on 1922 plan. One course preserved. Too poorly preserved to identify a brick bond.	15986 – not excavated, uncertain whether it is a bed of mortar or a foundation trench.	-	-	0.23 × 0.32	0.08
15987	J/-3, K/-3	M50.14 (Area 6)	Wall	Mud-brick wall running E–W in the SE part of M50.15, separating rooms 5 and 6. Built on top of, or integrates, possible ‘bench’ structure <17769>. Too poorly preserved to identify a brick bond. Possibly originally one-brick thickness.	15987b – foundation bed of mortar.	17549, 17540/17520? (relationship unclear)	17540/17520? (relationship unclear)	1.33 × 0.57	N/A
15988/ 17579/ (17627)	L/-2, L/-3	M50.14 (Area 3)	Wall	Mud-brick wall running N–S along the E part of L/2 and L/-3, possibly the E boundary wall of M50.14. Two-bricks thickness, laid out as stretchers, set on side (32 × 22 cm). One course preserved: max. height of 0.08 m. Not possible to identify a brick bond.	17579b – probably a mud foundation layer: not clearly visible.	-	17573, 17597	7.28 × 0.27	0.13
15991	L/-2	M50.14 (Area 3)	Wall	Middle section of wall in the SE of L/-2, framed by short stretches of brick walls <17639> and <17640>. Half-brick thickness, single stretcher.	N/A (too shallow).	17639, 17640	-	0.31 × 0.15	N/A
15996	G/-3	M50.14 (Area 4)	Granary (?)	Possible granary structure, with a reconstructed interior diameter of 0.8 m and an external diameter of 1.4 m. Only noted during the study of the structure-from-motion photograph.	N/A (not excavated).				N/A
17520	J/-2, J/-3	M50.15 (Area 2)	Wall	Mud-brick wall running N–S through the E part of M50.15, separating rooms 2 and 4, probably continuing S as <17540>. S part mostly covered by collapse (17542); only N part of wall is clearly visible (2–3 bricks). It is plastered on its E face (c.1.5 cm thick, darkish inside, whitish on the face). Made of greyish bricks with yellowish mortar. Plaster preserved on the W side of the wall. One course preserved. One-brick thickness. Brick bond X2.	17520b – foundation bed of mortar.	17529, 15987? (relationship unclear)	-	1.09 × 0.33	0.14
17527	L/-4	M50.14 (Area 6)	Wall	Possible remains of a mud-brick wall: three E–W oriented, isolated mud bricks visible, surrounded by rough desert sand with small stones. One course preserved.	17527b – too poorly preserved.	-	17663 (as 17606, but relationship unclear)	0.3 × 0.17	0.05
17528	J/-2	M50.15 (Area 2)	Wall	Mud-brick wall running N–S through the N part of M50.15, separating rooms 1 and 3, probably continuing S as <17520>. One-brick thickness. Probably brick bond A1. Yellow sandy bricks.	17528b – mortar foundation: wall erected on this foundation, which was placed on the top fill of waste pit [17630].	17529, 17688	-	2 × 0.37	0.31
17529	J/-2, K/-2	M50.15 (Area 2)	Wall	Short stretch of mud-brick wall running E–W in the NE part of M50.15, separating rooms 3 and 4. Made of brown, silty mud bricks, of which the top layer is half preserved. One-brick thickness. Probably brick bond A1.	17529b – bed of mortar.	17549	17520, 17528	1.28 × 0.39	0.52
17536	J/-2, J/-3, J/-4	M50.15 (Area 2)	Wall	Mud-brick wall running N–S in W part of J/-3. S part heavily eroded. At least three courses preserved, one-brick thickness. Yellow sandy bricks and yellowish sandy mortar. Brick bond X2.	17536b – mortar foundation: N part of wall erected on this foundation, which was placed on the top fill of waste pit [17630].	17562, 15675	17718, 17720, 17768	4.5 × 0.9	0.24
17538	J/-3, J/-4	M50.15 (Area 2)	Wall	Mud-brick wall running N–S in S part of J/-3, separating rooms 7 and 8 in M50.15. N part appears to abut E–W wall <17539>. S part is heavily eroded and damaged. At least one course preserved. One-brick thickness. No clear brick bond, mostly headers with two stretchers in the same course (probably A1). Yellowish sandy mortar.	17538b – bed of mortar.	17539, 15675? (relationship uncertain)	-	1.9 × 0.26	0.14
17539	J/-3	M50.15 (Area 2)	Wall	Mud-brick wall running E–W in S part of J/-3. S part of wall is connected to <17536>. It is also possible that it continues eastwards below (17542). Heavily damaged; possibly originally one-brick thickness. Yellowish sandy mortar.	17539b – bed of yellow foundation mortar.	17520? or 17540? (relationship uncertain)	17538, 17540? (relationship uncertain)	3 × 0.38	0.28
17540	J/-3, J/-4, K/-4	M50.15 (Area 2)	Wall	Mud-brick wall running N–S in SE corner of M50.15, separating rooms 5 and 6. Heavily damaged and eroded; original thickness and relationships uncertain. Possibly a continuation of <17520>.	17540b – possible mortar foundation (unclear): appears to be on top of a thick, muddy deposit rather than the natural desert surface.	17539? or 15987? (relationship uncertain), 15675	17539? or 15987? (relationship uncertain)	1.18 × 0.75	0.18

Unit no.	Grid-square(s)	House/Area	Type	Description	Foundation type	Abuts	Abutted by	Dimensions (m)	Max. preserved height (m)
17546/ (17560)	L/-5, K/-5	M50.14 (Area 6)	Wall	Thick stretch of the S wall of M50.14, running E–W, with individual bricks visible. Only one course of bricks preserved at each end; in the middle, there are three courses of bricks. One-brick thickness. Mostly headers preserved with a few stretchers in the centre of the wall: brick bond is probably A1. Mostly light grey bricks (and some yellow sandy bricks) that are interspersed with dark grey patches of mortar or eroded bricks.	17546b – uncertain: bed of mortar can be discerned in central part, although this may just be a layer of mortar between courses. The westernmost bricks of this stretch of wall appear to be covered by desert sand, which would imply a cut and be expected for a thicker enclosure wall.	-	-	2.7 × 0.36	0.29
17547	L/-5	M50.14 (Area 6)	Wall	Traces of a single mud brick, possibly part of a former wall.	15926b – not excavated, uncertain whether it is a bed of mortar or a foundation trench.	15713? (relationship lost)	15713? (relationship lost)	0.59 × 0.2	0.13
17548	L/-5	M50.14 (Area 6)	Wall (?)	Traces of mud bricks, possibly part of a former wall. Form a right angle in the E part of L/-5. One-brick thickness.	17548b – not excavated, uncertain whether it is a bed of mortar or a foundation trench.	-	-	0.9 × 0.32	0.05
17549	K/-2, K/-3, K/-4	M50.15 (Area 2)	Wall	E wall of M50.15: mud-brick wall running N–S through the W parts of K/-2 and K/-3 (and K/-4). Two courses preserved. 1.5-bricks thickness. At the S end, one course of headers on their long edge (complete wall into K/-2), in front of which a row of stretchers was placed after c.1.1 m (quite large longitudinal joint/gap between the headers and the stretchers). The headers on their long edge are on a quite thick bed of mortar, while stretchers lie on top of yellow sand. The second course is made of stretchers, while the third course remains around the joint with <15987>. Plaster preserved on the E side of the wall. Brick bond A1.	17549b – foundation bed of mortar.	15675	15987, 17529, 17688(?)	7.6 × 0.6	0.38
17557/ 17646	K/-5	M50.14 (Area 6)	Wall	Remains of a possible mud-brick wall that would have run E–W through the central N part of K/-5, connecting walls <15670> and <15671>, although insufficient material is preserved to ascertain this. Isolated mud bricks discernible which may have formed an alignment. One course partly preserved, half-brick thickness (brick bond X1).	17557b/17646b – wall too poorly preserved to identify.	15670	-	2.1 × 0.3	0.19
17562	I/-2, J/-2	M50.15 (Area 2)	Wall	Mud-brick wall running E–W in the E part of I/-2 and W part of J/-2. Apparently erected upon charcoal-rich waste deposits. Appears to slope downwards in the area where the passage between rooms 1 and 2 in M50.15 is, probably because it was built on the former waste pit [17630]. One-brick thickness, probably brick bond A1. Sandy mortar.	17562b – layer of sandy mortar on top of charcoal deposit (top fill of waste pit in this area). E part appears to be cut into top of waste pit.	15613/17571	17536	3.2 × 0.38	0.13
17573	L/-3	M50.14 (Area 3)	Wall	Mud-brick wall running E–W with single mud bricks visible, traces of ashes in NE corner. Preserved to a height of max. 0.13 m (1 brick course plus mortar, remains of second course) at E end, eroded towards E, laid out in one row of stretchers. Half-brick thickness. Brick size c.33 × 15 × 8 cm. Greyish clay with small pieces of gravel, a few pebbles and potsherds; yellowish sandy mortar. Brick bond X1.	17573b – probably a mud foundation layer: not clearly visible.	17579	17753	4.5 × 0.4	0.13
17594	K/-2	M50.14 (Area 3)	Wall	Mud-brick wall in N part of K/-2, running N–S. Forms an enclosure with wall <17597> (?) – no actual connection, but similarity in brick size/construction make former connection likely. Preserved up to 0.3 m in height: standing up to c.2.5 brick courses at N edge of square (c.0.3 m high), heavily eroded southwards. Brick size c.29 × 16 × 8 cm, laid out in stretchers. Half-brick thickness. Brick bond X1.	17594b – appears to be a bed of mortar.	-	-	2 × 0.16	0.3
17597	K/-2, L/-2	M50.14 (Area 3)	Wall	Mud-brick wall running E–W through the E part of K/-2 and the centre of L/-3. Almost all stretchers, 32 × 16 cm. Half-brick thickness, probably brick bond X1. One course of bricks preserved: 0.08 m high, on possible mortar (or remains of mud floor) layer. E part: some headers where wall abuts/limits <15988>/<17579>. Much collapse surrounding sections of the wall.	17597b – bed of mortar foundation.	17579/15988	17609, 17642	5.3 × 0.57	0.3
17606	L/-4	M50.14 (Area 6)	Wall	Traces of isolated mud bricks, possibly remains of an E–W aligned wall. Not possible to identify a brick bond.	17606b – not excavated, uncertain whether it is a bed of mortar or a foundation trench.	-	17663 (not 100% certain)	0.85 × 0.12	0.06
17609	L/-2	M50.14 (Area 3)	Wall	Mud-brick wall in centre of L/-2, running N–S. One course high, some remains of mortar in N part. Built in stretchers (brick bond X1). One-brick thickness.	17609b – appears to be a bed of mortar.	17597	-	1.56 × 0.16	0.11
17618	K/-5	M50.14 (Area 6)	Wall	Remains of enclosure wall running E–W. Two mud bricks visible, forming a corner, together with traces of other mud bricks.	17618b – insufficiently excavated, although probably a bed of mortar.	-	-	0.42 × 0.36	0.11
17625/ (17586)	G/-2, H/-2	M50.16 (Area 1)	Wall	Mud-brick wall running E–W through the SW of G/-2 and the S area of H/-2 up to the staircase in M50.16, separating rooms 1 and 4/3. Few traces of mortar visible. Possible traces of mud plaster on N face. Although the full height is uncertain because the wall was not fully excavated, at least two courses seem to be preserved. One-brick thickness (brick bond A1). Yellowish sandy mortar.	17625b – not excavated, not certain whether it is a bed of mortar or a trench foundation.	15651, 15913? (uncertain)	15913? (uncertain)	5.5 × 0.46	0.26

Unit no.	Grid-square(s)	House/Area	Type	Description	Foundation type	Abuts	Abutted by	Dimensions (m)	Max. preserved height (m)
17639	L/-2	M50.14 (Area 3)	Wall	W, N–S oriented part of double-wall construction in SE part of L/-2. Parallel to <17640>. One course of bricks preserved (0.04 m max. height), all stretchers (32 × 16 cm; brick bond X1). Half-brick thickness. Connected to <17640> by short stretch of two small bricks, <15991>.	N/A (too shallow).	-	15991	1.4 × 0.19	0.04
17640	L/-2	M50.14 (Area 3)	Wall	E, N–S oriented part of double-wall construction built in SE part of L/-2. Half-brick thickness (brick bond X1). Runs parallel to <17639>. Max. preserved height: 0.05 m (one course).	N/A (too shallow).	-	15991	1.07 × 0.17	0.05
17642	L/-2	M50.14 (Area 3)	Wall	Mud-brick wall in the NW of L/-2 (running NE against <17643>), between <17643> and <17597>. Laid in stretchers (32 × 16 cm). One course preserved (max. 0.06 m height), on compact grey fill. Half-brick thickness. Brick bond X1.	17642b – possible bed of mortar foundation, although images do not show this clearly. No cut.	17643, 17597	-	1.58 × 0.28	0.06
17643	K/-2, L/-2	M50.14 (Area 3)	Wall	Stretch of a mud-brick wall running E–W through the N parts of K/-2 and L/-2. Forms the N boundary to the site and delimits the small workrooms in the NE part of M50.14 to the N. Only visible in profile. One course visible, 0.06 m high, stretchers (brick bond X1).	17643c – appears to be a cut. Some of the natural desert surface has been removed (next to wall <17642>) and the bricks continue.	-	17712, 17642	4.5 × 0.17	0.23
17651/ (17716)	J/-5, K/-5	M50.14 (Areas 5 and 6)	Wall	Short stretch of mud-brick wall running E–W in the S part of M50.14. Half-brick thickness, brick bond X1. Probably part of the S boundary wall. Runs E, away from pit [17709].	17651b – not excavated, uncertain whether it is a bed of mortar or a foundation trench.	-	-	1.7 × 0.17	0.08
17654/ (17623/ 17717)	J/-5	M50.14 (Area 5)	Wall	Part of the S enclosure wall of M50.14. Short, one mud-brick thick stretch running E–W, then a SW–NE aligned section (very short and thin) connecting on to wall <17651>. At least two mud bricks recognisable (appears to be one-brick thickness; probably brick bond A1).	17717b – appears to be a foundation cut.	-	-	4.7 × 0.44	0.26
17663	L/-4	M50.14 (Area 6)	Wall	Remains of a possible mud-brick wall in the N centre of L/-4. Two connected mud bricks, aligned N–S. Delimits sequence of mud floors.	17663b – not excavated, uncertain whether it is a bed of mortar or a foundation trench.	17606	-	0.7 × 0.17	0.08
17688	I/-2, J/-2	M50.15 (Area 2)	Wall	N exterior wall of M50.15, running E–W through the N of I/-2 and J/-2. Abuts N–S wall <15613> (W) and <17729> or <17549> (E; probably). Up to four courses preserved. One-brick thickness. Lowest two courses mainly headers but stretch of six bricks laid on their long edges for stabilisation. Probably brick bond A1.	17688c – mortar foundation on top of waste pit. Wall foundation slopes upwards to the E, where the pit becomes shallower.	15613/17571, 17549/17729	17528	6.57 × 0.56	0.14
17703	G/-2, H/-2, I/-2	M50.16 (Area 1)	Wall	N exterior wall of M50.16, running E–W through the N sections of G/-2, H/-2 and I/-2. Abuts N–S walls <15651> (W) and <15644> (E). At least two courses preserved. Lowest course: two beds of stretchers in longitudinal joint and one bed of headers in longitudinal joint. One-brick thickness. Layer of mortar in between (dark brown, silty). Wall is heavily damaged and broken up on the E side of H/-2 and the W side of I/-2. Brick bond A1.	17703b – uncertain, insufficiently excavated: possibly a bed of mortar, in analogy with wall <17688> (N boundary of M50.15) and other boundary walls in the S.	15644/17761, 15651	-	9 × 0.51	0.13
17712	K/-2	M50.14 (Area 3)	Wall	Very short stretch of mud-brick wall running E–W in NE part of K/-2, enclosed by walls <17594> and <17597>. Preserved up to approx. two courses at the N edge of the square. Half-brick thickness. Heavily eroded. Arranged in stretchers as far as recognisable. Brick size 32 × 15 × 8 cm. May abut <17643>. Brick bond X1.	17712b – bed of mortar.	17643(?)	-	0.55 × 0.15	0.3
17718	I/-3, J/-3	M50.15 (Area 2)	Wall	Mud-brick wall running E–W that separated rooms 9 and 10 in M50.15. The mud bricks are very eroded on the top surface, but better-defined edges discernible after the removal of the top c.20 cm. At least three courses seem to be preserved. Half-brick thickness, probably brick bond X1.	17718b – bed of mortar.	15613/17571, 17536	-	2 × 0.24	0.24
17720	I/-3, J/-3	M50.15 (Area 2)	Wall	Possible remains of mud-brick wall running E–W, only encountered as collapse in I/-3 and J/-3. Formerly separated rooms 9 and 8 in M50.15.	17720b – not excavated (wall not preserved), not certain whether it is a bed of mortar or a foundation trench.	15613/17571, 17536(?)	-	1.27 × 0.37	0.1
17729	K/-2	M50.14 (Area 3)	Wall	Mud-brick wall in NW corner of K/-2, running N–S, cut by [17708]. Probably originally connected to wall <17549>. One-brick thickness. Probably brick bond X1.	17729b – wall too poorly preserved to determine whether it has a foundation cut or is footed on a bed of mortar.	-	17688(?)	1.67 × 0.42	0.06
17736	I/-2, I/-3	M50.15 (Area 2)	Staircase	Remains of a staircase, below collapse (17719). The bricks appear to be aligned and placed on their long edges as is typical for staircases at the site. These are probably the remains of the lowest courses of the staircase in M50.15. Not removed.	N/A (not excavated).	17562, 15613/17571, 17536, 17718	-	0.56 × 0.7	0.34
17743	G/-4	M50.16 (Area 1)	Wall	Remains of a possible mud-brick wall running E–W in the N part of G/-4. Runs parallel to the S boundary wall of M50.16, <15624>/<15625>. At least six disarticulated mud bricks visible: possibly collapse? Only discerned in G/-4.	17743b – not sufficiently excavated to determine whether this wall has a foundation layer or a cut, or both.	-	-	1.12 × 0.18	N/A

Unit no.	Grid-square(s)	House/Area	Type	Description	Foundation type	Abuts	Abutted by	Dimensions (m)	Max. preserved height (m)
17759	G/-2	M50.16 (Area 1)	Wall	Mud-brick wall to the W of M50.16, running N–S through G/-2 and G/-3, alongside <15651> in G/-3. The lowest course is made of bricks laid on their edge. Mud mortar visible in gaps. One-brick thickness in G/-2 and half-brick thickness in G/-3, probably due to preservation. Probably brick bond A1. It is possible that this wall was already destroyed during the Amarna Period. Possibly the E wall of another house (now gone) to the W of M50.16.	17759b – not sufficiently excavated to determine whether this wall has a foundation layer or a cut, or both.	15682	-	3.21 × 0.37	0.1
17767	K/-2	M50.14 (Area 3)	Wall	Remains of a N–S oriented mud-brick wall in the SW part of K/-2. Two fragmentary mud bricks abutting wall <17549>: possibly one-brick thickness (brick bond A1). The two bricks correspond with an E–W wall documented during the 1922 excavations, which connected with a wall running N–S through K/-3. It would then have connected with wall <17573> in L/-3, although this, too, is eroded and has disappeared because of possible 1922 trench [17681].	17767b – uncertain.	17549	-	0.33 × 0.16	N/A
17768	J/-3	M50.15 (Area 2)	Threshold	Mud-brick threshold between rooms 2 and 7 in M50.15, part of E–W alignment of walls <17720> (W: now gone) and <17539> (E). Row of headers laid on their short edge, bordered by stretchers on N side (brick bond A1).	17539b – bed of yellow foundation mortar.	17536	-	1.27 × 0.39	N/A
17769	J/-3, K/-3	M50.15 (Area 2)	Installation	Mud-brick installation: row of 3–4 mud bricks running E–W to the S of wall <15987>. This is either a step from room 5 into room 4 or a short bench.	17769b – bed of mortar.	17540, 17549	-	1.22 × 0.2	N/A

CHAPTER 4: STONE FURNITURE

Table 4.1 Fragments of limestone tables.

Object no.	Provenance	Description	Length × Width × Thickness (cm)
41056–8	I/-3, 15916 and spoil heap c.10 m north of I/-3	Three joining fragments. The top surface and sides are flat and smooth. The surface of the table is much more weathered than that of object no. 41059. The lower side with two visible crossbars is roughly finished. The limestone is local with minor inclusions. Object no. 41056 has a fresh break that shows little to no signs of weathering where it joins with object no. 41057. Object no. 41057 continues the width of the table, whereas object no. 41058 continues its long side. The combined length of the table (fragments 41056 and 41058) is 47 cm, while the preserved width is 27.5 cm (measured from the preserved edges of fragments 41056 and 41057).	46.35 × 28.2 × 4.8 (table); 7.4 max. (raised edge)
41059	I/-3 / H/-3, 15936b	This fragment appears to be from a different table due to its dimensions and the better quality of the stone than object nos 41056, 41057 and 41058. The upper surface is smooth and flat with signs of its former usage: linear and curved incisions, irregular pecking and chiselling among the wear marks can be discerned. The underside of the table has a rough finish, with pick-like tool marks visible (Jeuthe 2019: 57, fig. 3, 3567–32). Two straight edges meet at a 90-degree angle. A raised rim runs along one of the finished edges (5.4 cm wide), and a crossbar meets the rim at 90 degrees – it would have been approximately 5.5 cm wide, but is almost entirely broken away. It was discovered in the mud deposit (15936b) south of the staircase <15616> in house M50.16.	19 × 15 × 3.8 (table); 6.5 (raised edge)
43750	Spoil heap N of site	This fragment has one flat upper surface and one straight original edge preserved. A raised rim runs along this entire edge, a part of the crossbar pattern on which the table would have been supported. The upper surface shows faint traces of wear, but the original edge is better preserved, showing a smooth finish. There are repeated marks made by a sharp tool on that side. Due to their different colour, these may be recent. Like the other examples, pick-like tool marks are visible on the lower surface.	9.51 × 8.11 × 3.02 (table); 4.71 (raised edge)
43933	J/-3, 17537	This fragment is of a significantly different limestone from the two others and of poorer quality. It is roughly trapezoid due to its broken edges, with one intact edge and two intact flat surfaces preserved. The raised rims seen in the other two examples from this site are absent from this table. Nevertheless, there are no traces of past use due to the poor condition of the stone, but chisel marks are visible on all preserved surfaces. It is thicker than the other two examples from this site, but the thickness is not even and tapers slightly towards the intact edge. Object no. 43933 was found in the collapse (17537) of wall <17536> in house M50.15.	18.5 × 9.7 × 5–6.5

Table 4.2 Fragment of a limestone stool.

Object no.	Provenance	Description	Length × Width × Thickness (cm)
41742	I/-2, 17659	This object is probably the front left leg of a low stool with some remnants of the concave seat of coarse limestone. Several examples of semi-circular three-legged stone stools have been discovered in the past at Amarna (e.g. Peet and Woolley 1923: 62, pl. XIV). Only a short portion of this curve is preserved. The leg has a square cross-section and shows remains of a much thinner (2.5 cm) support bar connecting to a (missing) second leg. Traces of plaster are seen at one bottom corner of the leg and on the seat, indicating that some of the original surfaces are preserved. This gypsum plaster also appears on a fragment of stool from Grid 12 (Kemp and Stevens 2010b: 17, object no. 37227), suggesting a smooth white finish to the object. This coating may have been applied to hide visible chisel marks.	c.18 × c.13 × 8.3

CHAPTER 5: THE POTTERY OF M50.14-16

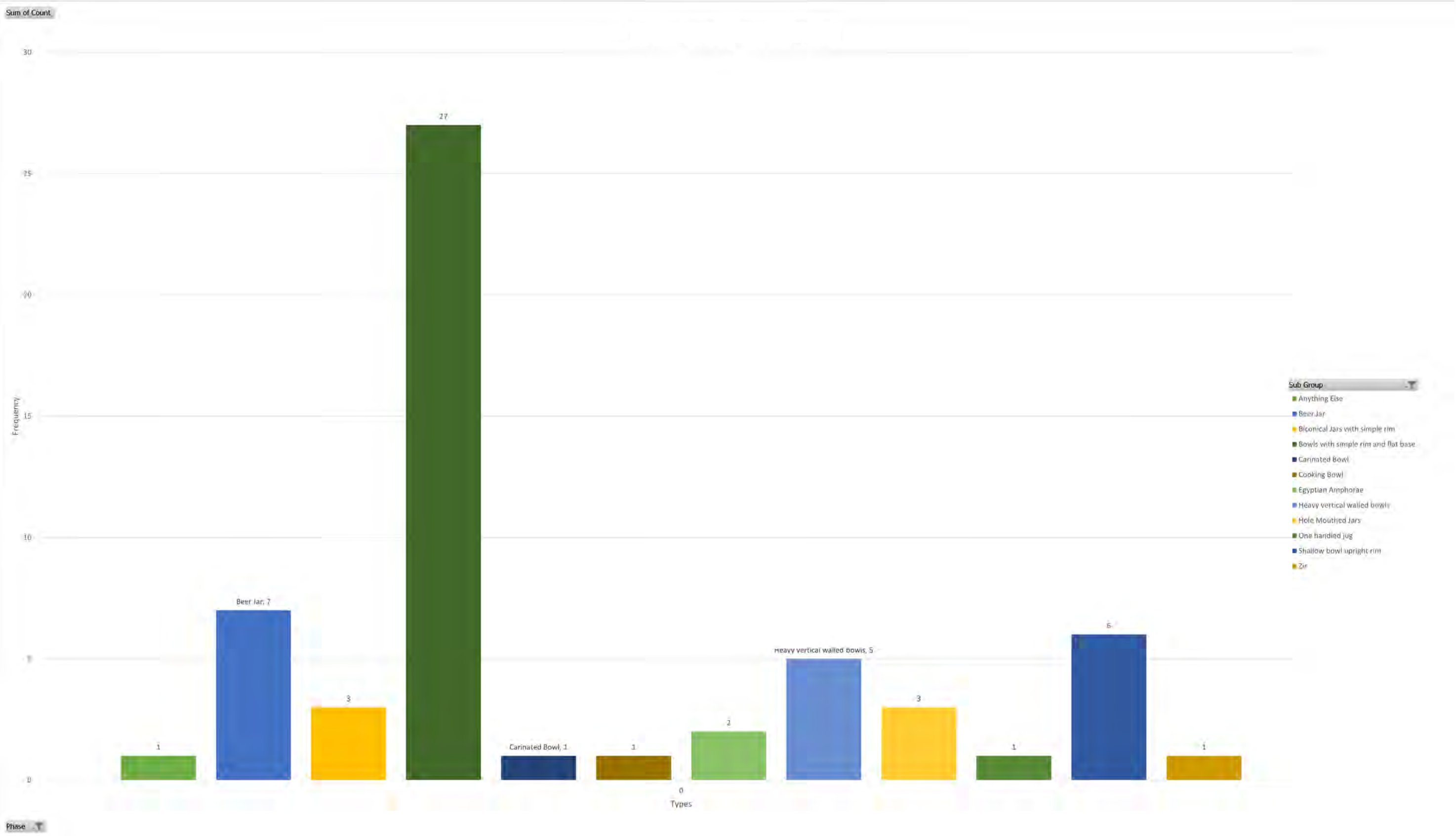


Figure 5.4 Relative frequencies of ceramic classes in phase 0/o.

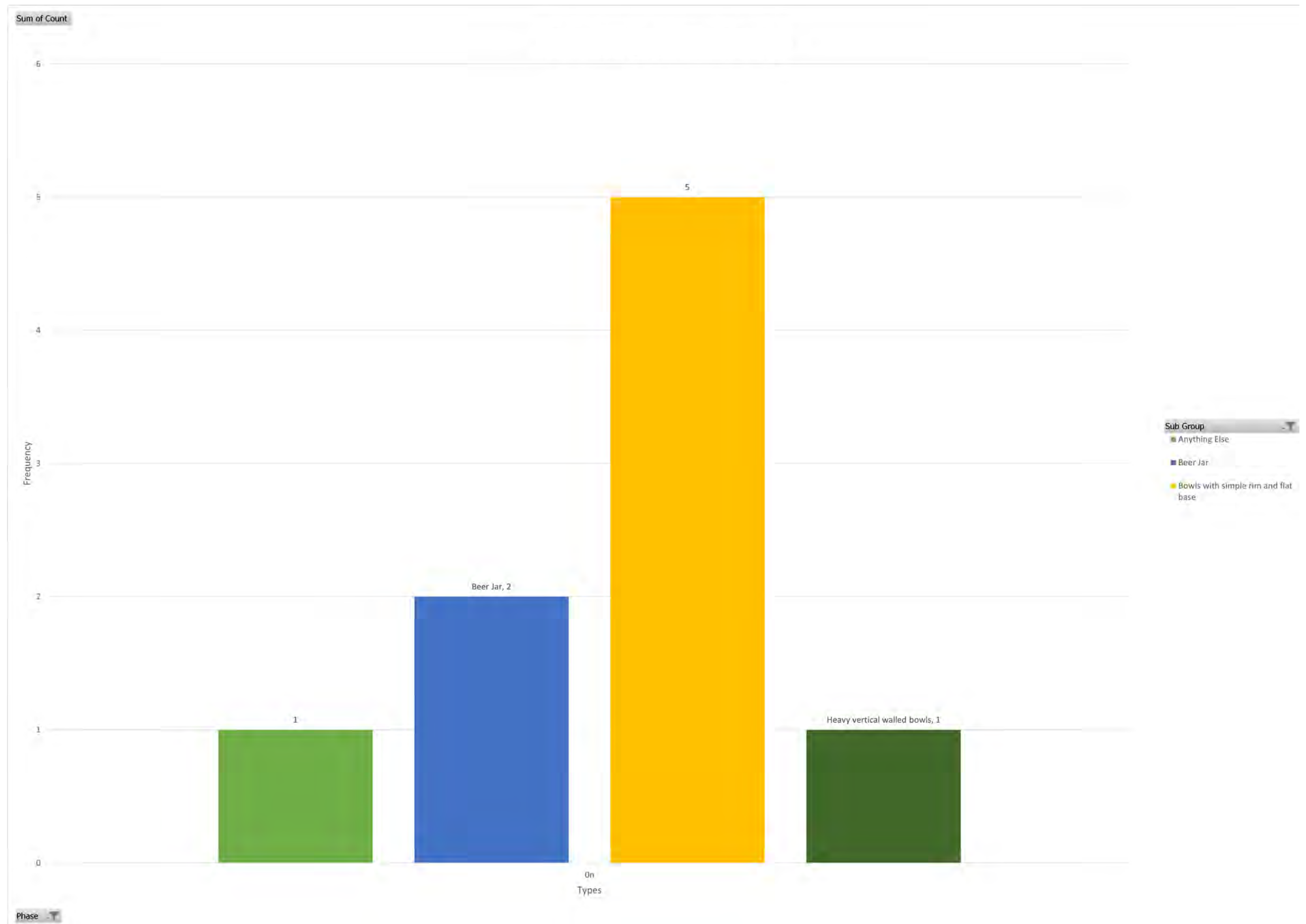


Figure 5.5 Relative frequencies of ceramic classes in phase 0/n.

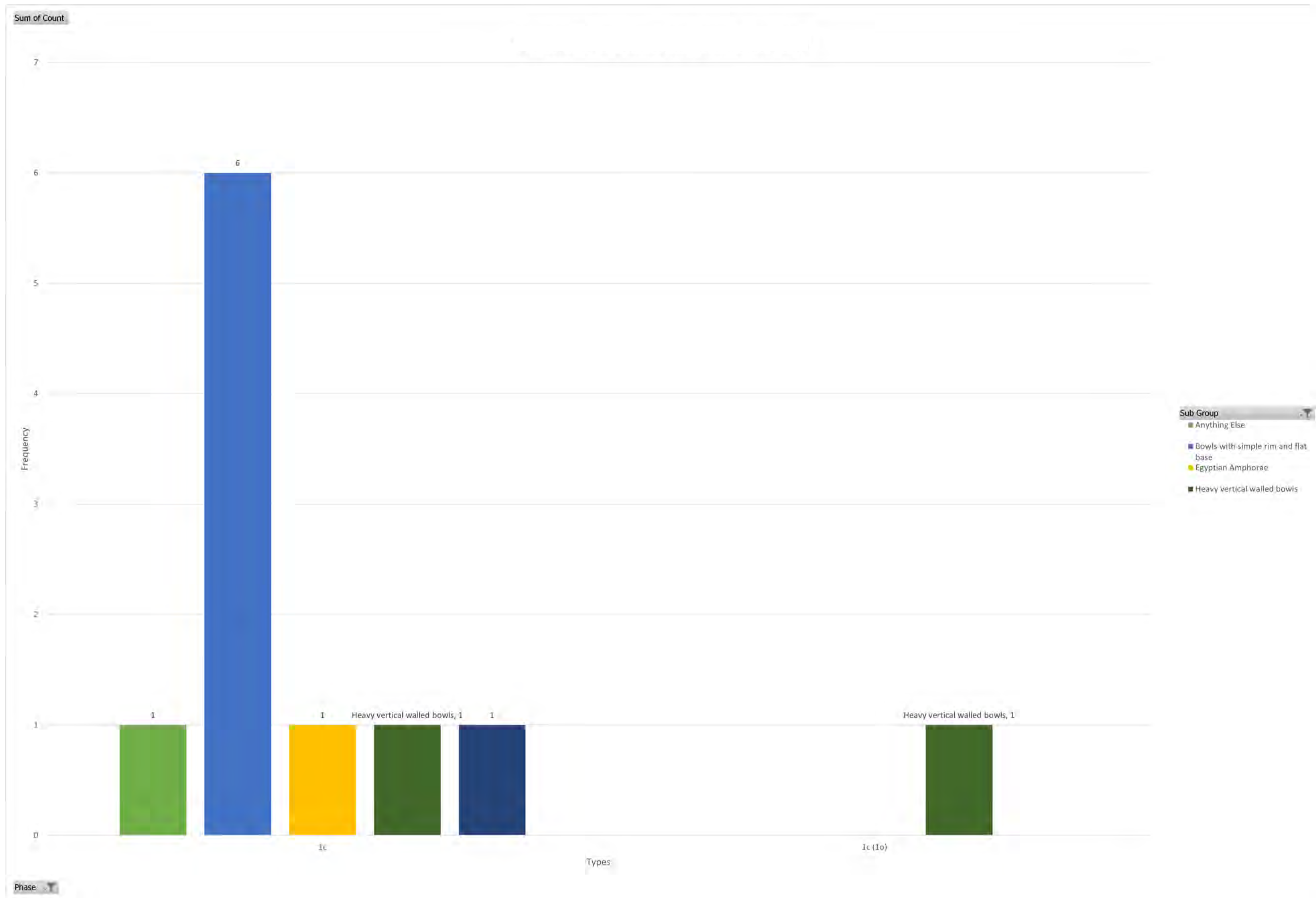


Figure 5.6 Relative frequencies of ceramic classes in phase I/c.

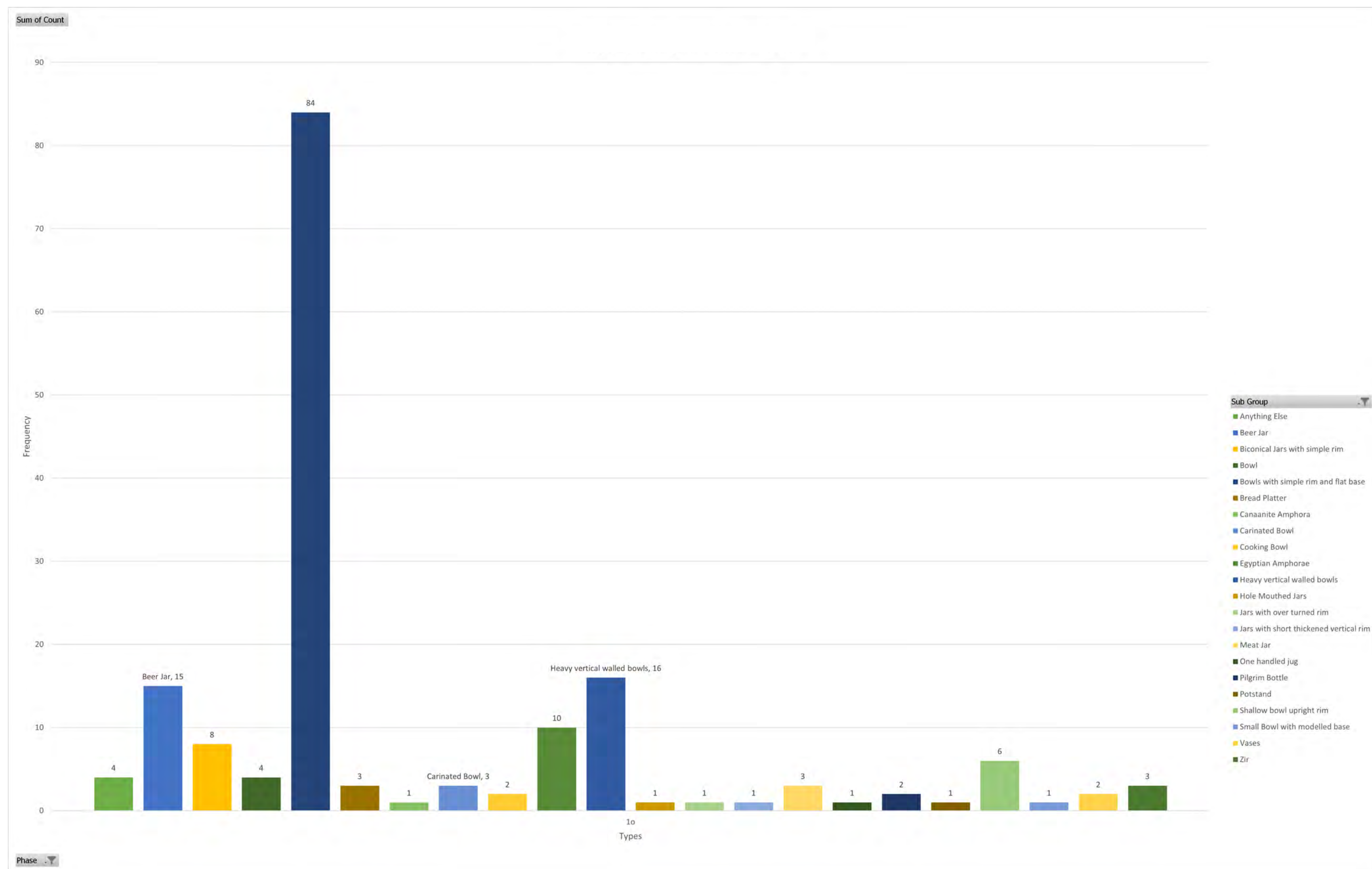


Figure 5.8 Relative frequencies of ceramic classes in phase I/o.

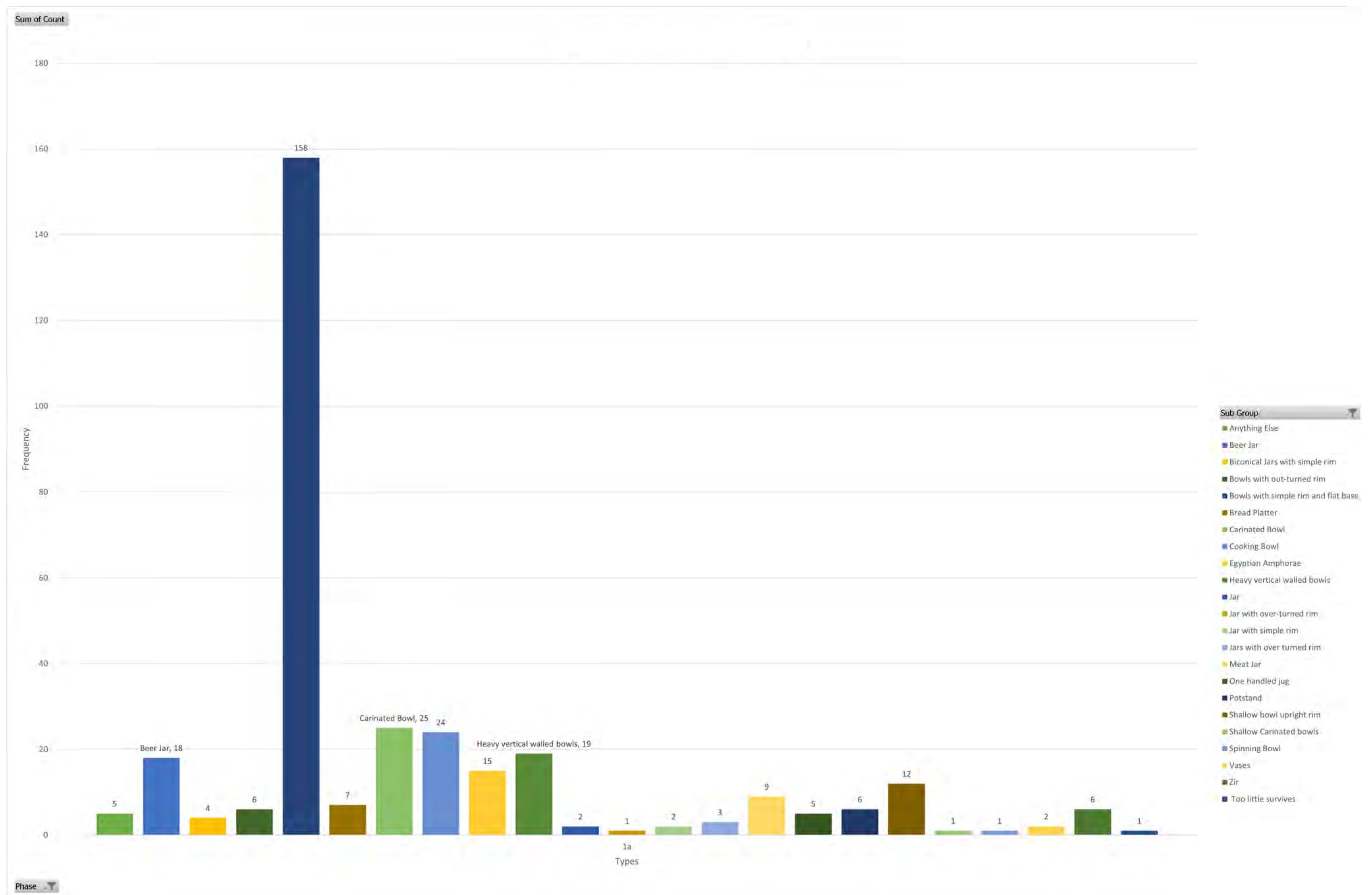


Figure 5.9 Relative frequencies of ceramic classes in phase I/a.

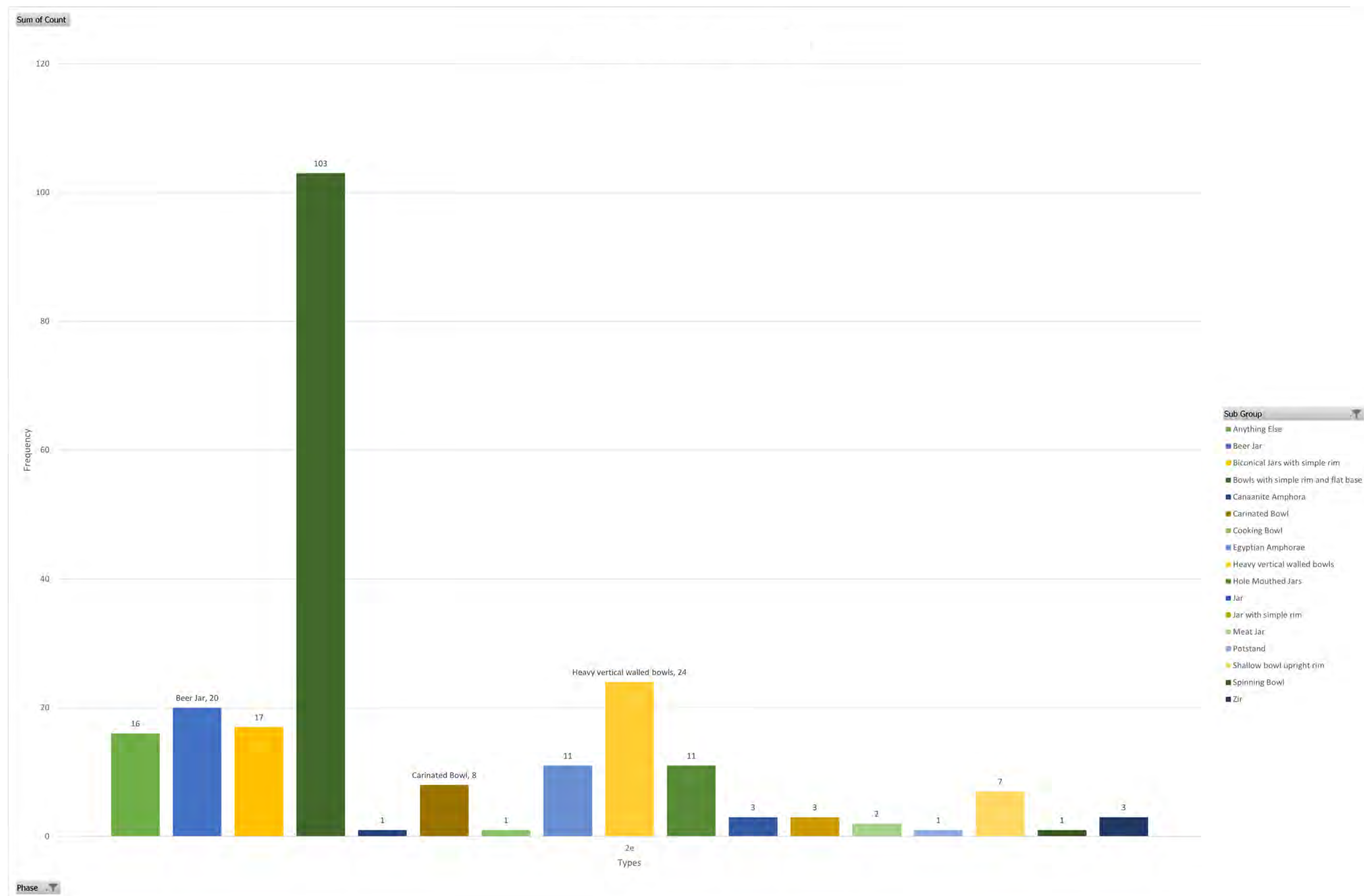


Figure 5.10 Relative frequencies of ceramic classes in phase II/e.

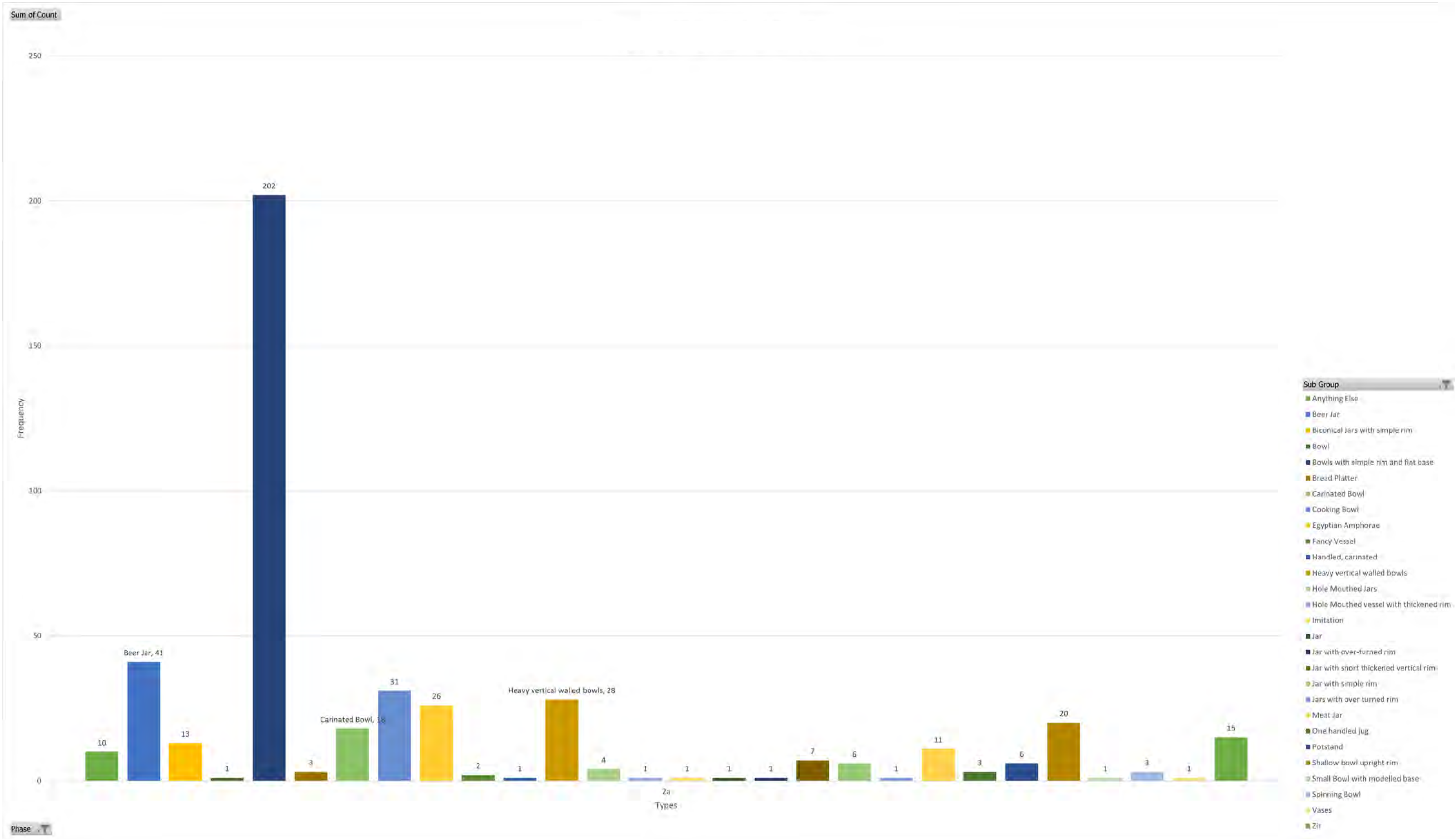


Figure 5.11 Relative frequencies of ceramic classes in phase II/a.

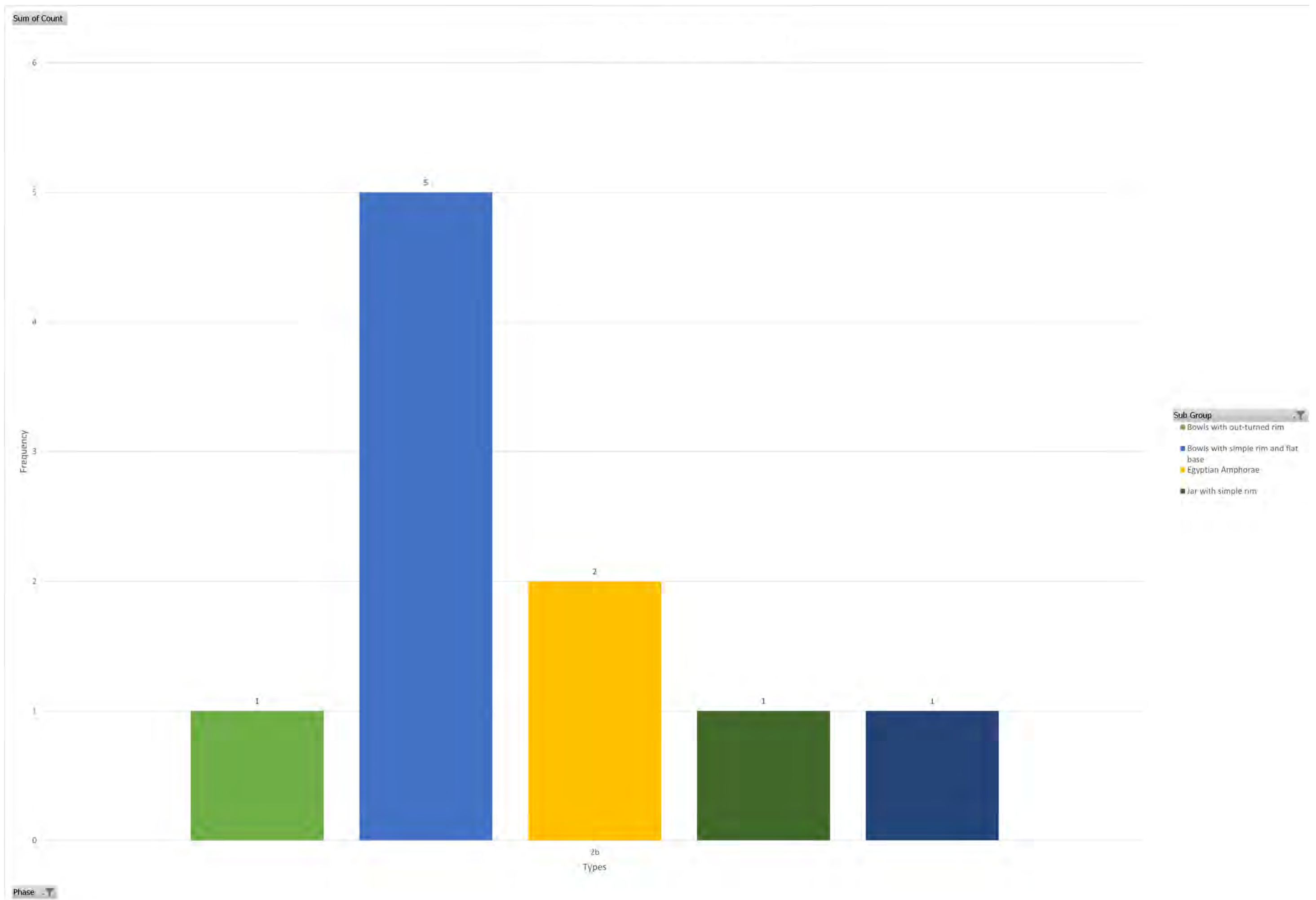


Figure 5.12 Relative frequencies of ceramic classes in phase II/b.

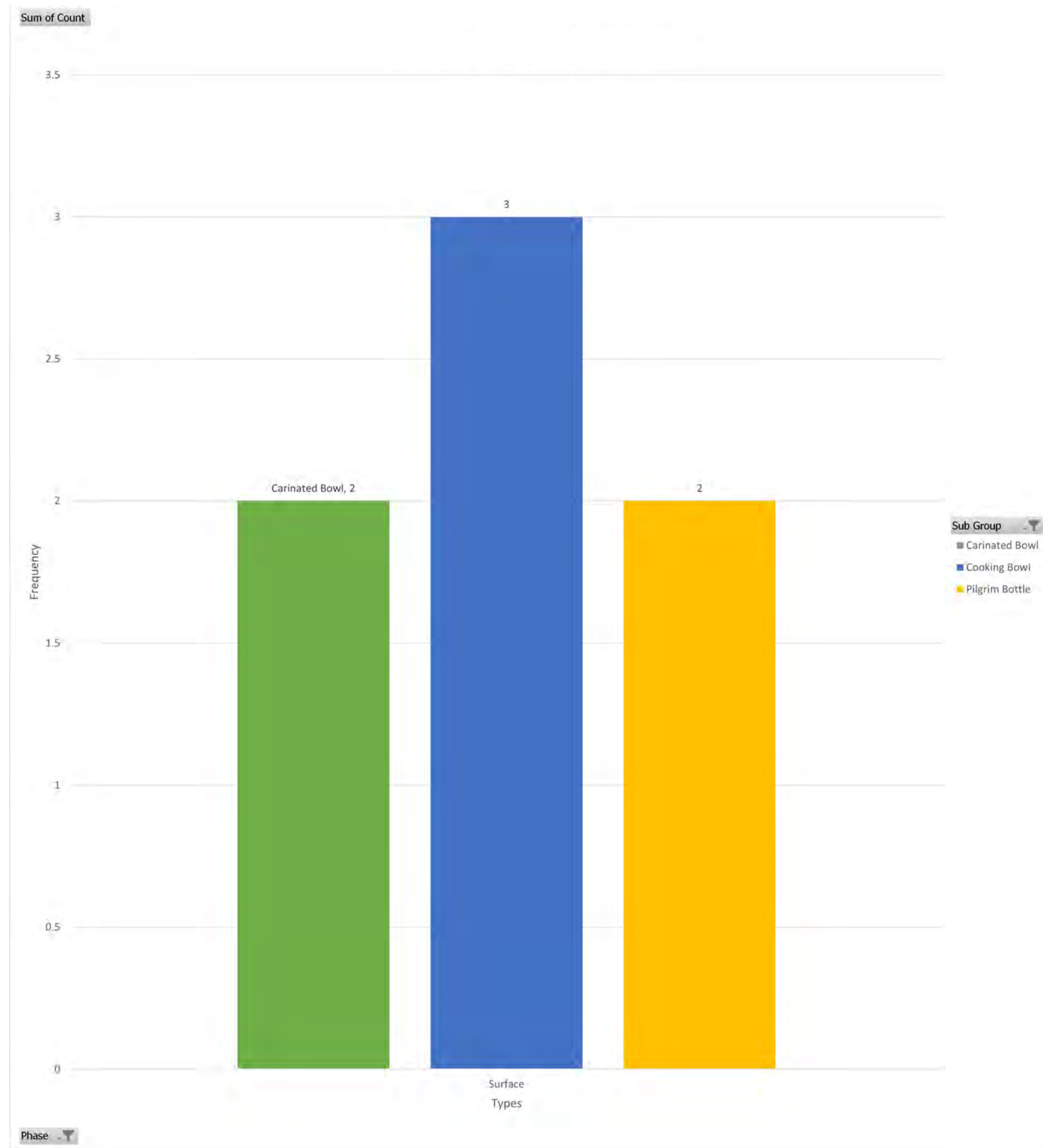


Figure 5.13 Relative frequencies of ceramic classes in surface deposits.

Table 5.7 Bulk pottery per square.

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
Square G/-2								
17655	I/a	Bread platters	HB 2.3	1.5	1			
17598	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17737	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17737	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17737	I/a	Meat jars	MG 1.1	III.2	1			6
Square G/-3								
15798	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	1			
15800	I/o	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15658	I/a	Bowls with simple rim and flat base	SD 7.10	1.1	1			
15658	I/a	Bowls with simple rim and flat base	SD 3.2	1.1	5			
15903	I/o	Bowls with simple rim and flat base	SD 7.1	1.1	1			
15800	I/o	Bowls with simple rim and flat base	SD 7.14	1.1	2			
15763	I/a	Bowls with simple rim and flat base	SD 7.1	III.2	1			
15763	I/a	Carinated bowls	MC 2.4	III.8	1		1	
15763	I/a	Cooking bowls	SD 1.5	1.1	3			
15763	I/a	Cooking bowls	SD 7.15	1.1	1			
15763	I/a	Meat jars	MF 1.1	III.3	1			
15800	I/o	Biconical jars with simple rim	SG 2.I/a	1.1	1			
15800	I/o	Beer jars	SH 8.1	1.1	1			
15683	I/a	Egyptian amphorae	ME 3.4	III.8	1			
15763	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17676	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17501	II/a	Carinated bowls	MC 2.3?	III.8	1		1	
17501	II/a	Cooking bowls	SD 7.14	1.1	1			
15650	II/a	Zirs	SH 10.1	1.4	1			
17501	II/a	Cooking bowls	SD 7.15	1.1	1			
17501	II/a	Shallow bowls upright rim	SD 3.1	1.1	1			
15658	I/a	Heavy vertical-walled bowls	SD 2.5	1	1			
15658	I/a	Heavy vertical-walled bowls	SD2.2	1.5	1			
15763	I/a	Heavy vertical-walled bowls	SE 1.4	1.1	1			
15650	II/a	Heavy vertical-walled bowls	SD 2.2	1.1	1			
15658	I/a	Heavy vertical-walled bowls	SD 2.1	1.1	1			
15658	I/a	Bowls with simple rim and flat base	SD 1.4	1.1	1			
15658	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
15658	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
15658	I/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
15658	I/a	Bowls with simple rim and flat base	SD 1.5	1.1	4			
15658	I/a	Bowls with simple rim and flat base	SD 1.11	1.1	4			
15650	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15650	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
15650	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15658	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
15658	I/a	Bowls with simple rim and flat base	SD 7.7	1.3	1			
15658	I/a	Bowls with simple rim and flat base	SD 7.14	1.1	2			
15658	I/a	Carinated bowls	MC 2.4	III.4	1			
15658	I/a	Carinated bowls	MC 2.2	III.4	1			
15658	I/a	Cooking bowls	SD 1.5	1.1	1			
15658	I/a	Cooking bowls	SD 7.12	1.3	1			
15658	I/a	Cooking bowls	SE 11.2	1.1	1			
15658	I/a	Cooking bowls	SG 1.2	1.1	1			
15658	I/a	Shallow bowls upright rim	SD 3.2	1.1	2			
15658	I/a	Shallow carinated bowls	SH 7.21	1.1	1			
15658	I/a	Biconical jars with simple rim	SH 9.3	1.1	1			
15658	I/a	Beer jars	SH 8.1	1.1	1			
15658	I/a	Egyptian amphorae	ME 3.5	III.5	2	1	1	
15658	I/a	Vases	SG 5.3	1.1	1			
15658	I/a	Jars with over-turned rim	SH 13.2	1.1	1		1	
15658	I/a	Anything else	SF 1.1	1.1	1			
15658	I/a	Unknown	SD 7.23	1.3	1			
15658	I/a	Jars	SF 4.2	1.1	1			78
Square G/-4								
15655	II/a	Potstands	SA 2.12	1.1	2			
15655	II/a	Heavy vertical-walled bowls	SD 1.7	1.1	2			
17513	II/a	Heavy vertical-walled bowls	SD 2.5	1.5	1			
15667	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
15655	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17721	I/a	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17721	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17721	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17513	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	4			
17513	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15655	II/a	Cooking bowls	SD 1.5	1.1	3			
15655	II/a	Jars with short thickened vertical rim	SH 9.1	1.1	1			
15655	II/a	Beer jars	SH 8.2	1.1	2			
15655	II/a	Jars with simple rim	SH 9.3	1.1	2			
15667	II/a	Egyptian amphorae	ME 3.6	III.2	1			
15667	II/a	Egyptian amphorae	MC 7.1	III.4	1		1	
17721	I/a	One-handled jugs	SF 6.I/a	1.1	1			
15667	II/a	Anything else	SF 1.2	1.1	1			31
Square G/-5								
17514	II/a	Heavy vertical-walled bowls	SD 2.2	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17728	I/o / I/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17728	I/o / I/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17728	I/o / I/a	Shallow bowls upright rim	SD 3.1	1.1	1			
17514	II/a	Beer jars	SH 8.1	1.1	1			
17728	I/o / I/a	Egyptian amphorae	MF 3.6	III.2		1		6
Square H/-2								
17506	II/a	Heavy vertical-walled bowls	SD 2.5	1.1	2			
17506	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	11			
17506	II/a	Bowls with simple rim and flat base	SD 7.10	1.1	1			
17506	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17564	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17564	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17659	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17659	I/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17506	II/a	Carinated bowls	?	III.2	1		1	
17506	II/a	Jars with short thickened vertical rim	?	1.1	2			
17659	I/a	Beer jars	SH 8.1	1.1	1			
17659	I/a	Vases	MF 9.3	III.2	1			
17506	II/a	Bowls	SD 3.1	1.1	1			29
Square H/-3								
15791	II/b	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15791	II/b	Bowls with simple rim and flat base	SD 1.2	1.1	2			
15649	II/a	Cooking bowls	SD 1.5	1.1	1			4
Square H/-4								
15762	I/o	Bread platters	HB 2.2	1.5	1			
15620	II/a	Heavy vertical-walled bowls	SD 7.10	1.1	1			
15778	I/o	Heavy vertical-walled bowls	SD 2.4	1.1	2			
15657	I/a	Heavy vertical-walled bowls	SD 2.2	1.1	3			
15656	II/a	Heavy vertical-walled bowls	SD 2.2	1.1	1			
15656	II/a	Heavy vertical-walled bowls	SD 5.1	1.1	1			
15762	I/o	Heavy vertical-walled bowls	SD 2.5	1.1	1			
15762	I/o	Heavy vertical-walled bowls	SD 1.6	1.1	1			
15657	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	5			
15762	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	1			
15656	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
15657	I/a	Bowls with out-turned rim	SD 3.2	1.1	3			
15657	I/a	Bowls with out-turned rim	SD 3.1	1.1	3			
15656	II/a	Bowls with simple rim and flat base	SD 7.15	1.1	1			
15762	I/o	Carinated bowls	SE 7.10	1.1	1			
15657	I/a	Carinated bowls	MC 2.4	III.2	1			
15762	I/o	Cooking bowls	SD 1.4	1.1	1			
15657	I/a	Cooking bowls	SD 7.14	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
15656	II/a	Cooking bowls	SD 3.1	1.1	1			
15656	II/a	Cooking bowls	SD 1.5	1.1	1			
15620	II/a	Zirs	SG 1.1	1.1	1			
15762	I/o	Beer jars	SH 8.1	1.1	1			
15657	I/a	Beer jars	SF 4.1	1.1	1			
15762	I/o	Egyptian amphorae	ME 3.6	III.2	1			
15657	I/a	Jars with over-turned rim	SH 13.1	1.1	1			
15778	I/o	One-handled jugs	MD 1.3	III.2	1			
15762	I/o	Anything else	Bs 136	1.1	1		1	
15762	I/o	Unknown	?		1			40
Square H/-5								
17702	I/a	Heavy vertical-walled bowls	SD 2.2	1.5	1			
17698	II/e	Heavy vertical-walled bowls	SD 2.5	1.1	1			
15656	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
15778	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17702	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
17702	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17702	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17702	I/a	Bowls with simple rim and flat base	SD 7.12	1.5	1			
17702	I/a	Bowls with simple rim and flat base	SD 7.6	1.5	1			
15757	II/a	Shallow bowls upright rim	SD 1.3	1.1	1			
17698	II/e	Shallow bowls upright rim	SD 3.1	1.1	1			
17612	II/a	Jars with short thickened vertical rim	SH 9.1	1.1	1			
17698	II/e	Biconical jars with simple rim	SF 4.2	1.3	1			
17702	I/a	Beer jars	SH 8.1	1.1	2			
17698	II/e	Beer jars	SH 8.1	1.1	1			
17702	I/a	One-handled jugs	MD 2.2	III.2	1	1		
17702	I/a	One-handled jugs	ME 2.1	III.2	1		1	
17698	II/e	Jars	SH 9.1	1.1	2			
17698	II/e	Jars	SH 12.4	III.2	1			26
Square I/-2								
17644	I/c (I/o)	Heavy vertical-walled bowls	SD 2.2	1.1	1			
17550	II/a	Heavy vertical-walled bowls	SD 2.2	1.1	1			
17735	I/a	Heavy vertical-walled bowls	SD 1.7	1.1	1			
17732	0/o	Heavy vertical-walled bowls	SD 2.2	1.1	1			
17740	0/o	Heavy vertical-walled bowls	SD 2.2	1.1	1			
17670	I/a	Heavy vertical-walled bowls	SD 2.5	1.1	1			
17732	0/o	Heavy vertical-walled bowls	SD 2.1	1.1	1			
17534	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17550	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	14			
17550	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	10			
17550	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	5			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17550	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17603	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
17603	I/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17603	I/a	Bowls with simple rim and flat base	SD 1.10	1.1	1			
17565	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	2		1	
17735	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
17735	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17732	0/o	Bowls with simple rim and flat base	SD 1.5	1.1	3			
17732	0/o	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17740	0/o	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17740	0/o	Bowls with simple rim and flat base	SD 1.3	1.1	3			
17670	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
17727	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17704	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17669	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	7		1	
17706	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
17669	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	1		1	
17732	0/o	Bowls with simple rim and flat base	SD 1.1	1.1	7			
17732	0/o	Bowls with simple rim and flat base	SD 1.3	1.1	7			
17565	II/a	Bowls with simple rim and flat base	SD 7.12	1.5	1			
17565	II/a	Bowls with simple rim and flat base	SD 7.9	1.1	1			
17735	I/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17735	I/a	Bowls with simple rim and flat base	SD 7.9	1.3	1			
17732	0/o	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17732	0/o	Bowls with simple rim and flat base	SD 7.1	1.1	2			
17732	0/o	Bowls with simple rim and flat base	SD 7.5	1.1	1			
17732	0/o	Bowls with simple rim and flat base	SD 7.11	1.5	1			
17550	II/a	Carinated bowls	SD 3.1	1.1	2			
17550	II/a	Carinated bowls	SD 3.3	1.1	1			
17550	II/a	Carinated bowls	SD 3.2	1.1	1			
17550	II/a	Cooking bowls	SD 7.14	1.1	4			
17550	II/a	Cooking bowls	SD 7.15	1.1	4			
17550	II/a	Cooking bowls	SD 7.13	1.1	1			
17550	II/a	Cooking bowls	SD 7.7	1.1	1			
17603	I/a	Shallow bowls upright rim	SD 3.1	1.1	2			
17740	0/o	Shallow bowls upright rim	SD 3.1	1.1	3			
17732	0/o	Shallow bowls upright rim	SD 3.1	1.1	2			
17550	II/a	Meat jars	MF 1.4	III.3	1			
17550	II/a	Meat jars	ME 2.1	III.2	1	1		
17565	II/a	Meat jars	MF 1.4	III.3	1			
17727	II/a	Meat jars	MG 2.2	III.2	1			
17633	II/a	Hole-mouthed jars	SG 1.1	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17740	0/o	Hole-mouthed jars	SH 13.2	1.1	1			
17732	0/o	Hole-mouthed jars	SI 1.2	1.1	1			
17507	II/a	Zirs	SH 13.2 or BS104	1.1	1		1	
17550	II/a	Zirs	MF 3.3	III.4	2			
17550	II/a	Biconical jars with simple rim	SG 1.1	1.1	1			
17550	II/a	Beer jars	SH 8.2	1.1	1			
17550	II/a	Beer jars	SH 8.2	1.1	2			
17603	I/a	Beer jars	SG 3.1	1.1	1			
17565	II/a	Beer jars	SH 8.2	1.1	1			
17735	I/a	Beer jars	SH 9.1	1.1	2			
17732	0/o	Beer jars	SH 8.2	1.5	1		1	
17659	I/a	Beer jars	SH 8.1	1.1	2			
17727	II/a	Beer jars	SH 8.1	1.1	1			
17732	0/o	Beer jars	SH 8.1	1.1	3		1	
17732	0/o	Beer jars	SH 9.1	1.1	2			
17507	II/a	Jars with simple rim	SH 5.3	1.1	1			
17550	II/a	Jars with simple rim	SH 9.1	1.1	1			
17550	II/a	Jars with simple rim	SH 9.3	1.1	1			
17633	II/a	Egyptian amphorae	ME 3.4	III.2	1	1		
17565	II/a	Egyptian amphorae	ME 3.4	III.2	1			
17735	I/a	Egyptian amphorae	SH 20.1	1.1	1	1		
17727	II/a	Egyptian amphorae	SH 20.1	1.1	1			
17669	I/o	Pilgrim bottles	MH 1.2	Imitation	1			
17550	II/a	One-handled jugs	MD 1.3	III.3	1			
17670	I/a	Spinning bowls	MC 4.2	III.2	1	1		
17603	I/a	Anything else	?	?	1		1	
17565	II/a	Anything else	?	1.1	1			
17740	0/o	Anything else	SF 4.2	1.1	1			
17669	I/o	Anything else	?	1.1	1		1	
17550	II/a	Unknown	SH 5.2	1.1	1			
17550	II/a	Unknown	BS111	1.1	1		1	
17550	II/a	Unknown	BS123	1.1	1		1	
17735	I/a	Unknown	bs104	1.1	1		1	
17757	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			176
Square I/-2N								
17659	I/a	Bread platters	HB 2.3	1.5	1			
17659	I/a	Heavy vertical-walled bowls	SD 2.2	1.5	1			
17659	I/a	Heavy vertical-walled bowls	SD 5.3	1.5	1			
17659	I/a	Heavy vertical-walled bowls	SD 2.5	1.5	1			
17659	I/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17659	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17659	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17659	I/a	Bowls with simple rim and flat base	SD 1.5	1.5	3			
17659	I/a	Bowls with simple rim and flat base	SD 5.1	1.5	1			
17565	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	3			
17659	I/a	Bowls with simple rim and flat base	SD 7.5	1.1	1			
17659	I/a	Bowls with simple rim and flat base	SD 7.15	1.1	1			
17659	I/a	Bowls with simple rim and flat base	SD 7.14	1.5	1			
17659	I/a	Zirs	SG 4.2	1.1	1			
17565	II/a	Zirs	SH 9.1	1.1	1		1	
17659	I/a	Beer jars	SH 8.1	1.1	1			
17659	I/a	Egyptian amphorae	ME 3.6	III.2	2	2		
17659	I/a	One-handed jugs	MD 1.1	III.2	1			27
Square I/-3								
15637	I/a	Potstands	SA 2.2	1.1	1			
15637	I/a	Bread platters	HB 2.2	1.6	1			
15637	I/a	Heavy vertical-walled bowls	SD 2.5	1.1	1			
15732	I/a	Heavy vertical-walled bowls	SD 2.2	1.1	3			
17504	II/a	Heavy vertical-walled bowls	SD 2.2	1.1	1			
17633	II/a	Heavy vertical-walled bowls	SD 2.2	1.1	1			
15904	II/b	Small bowls with modelled base	SD 11.2	NB1	1			
15637	I/b	Bowls with simple rim and flat base	SD 1.2	1.1	2			
15637	I/b	Bowls with simple rim and flat base	SD 1.2	1.1	4			
15753	II/a	Bowls with simple rim and flat base	SD 3.2	1.1	1			
15790	I/o	Bowls with simple rim and flat base	SD 1.5	1.1	1			
15794	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15694	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	4			
15694	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
15694	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
15732	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
15732	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	4			
15732	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	3			
15732	I/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
15732	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
15732	I/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
15732	I/a	Bowls with simple rim and flat base	SD 7.1	1.1	1			
15914	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
15694	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	1			
15694	I/o	Bowls with simple rim and flat base	SD 7.15	1.1	1			
17504	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17504	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17633	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	3			
17633	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
15638	I/a	Bowls with simple rim and flat base	MC 9.1	III.8	1			
15732	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
15732	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
15694	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	3			
15637	I/b	Bowls with simple rim and flat base	SD 1.2	1.1	5		1	
15638	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
15694	I/a	Bowls with simple rim and flat base	SD 7.13	1.1	1			
15732	I/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17633	II/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
15737	I/b	Carinated bowls	SD 10	1.5	7			
15914	I/a	Carinated bowls	MC 2.2	III.2	6			
15637	I/b	Cooking bowls	SD 1.5	1.1	1			
15694	I/a	Cooking bowls	SD 1.5	1.1	1			
15732	I/a	Cooking bowls	SD 7.14	1.1	1			
17504	II/a	Cooking bowls	SD 7.11	1.1	1			
17633	II/a	Cooking bowls	SF 5	1.1	1			
17633	I/a	Cooking bowls	SI 1.3	1.1	1	1		
15732	I/a	Shallow bowls upright rim	SD 3.1	1.1	1			
15638	I/a	Shallow bowls upright rim	SD 3.1	1.1	2			
15694	I/a	Meat jars	MF 1.4	III.6	1			
17633	II/a	Meat jars	SH 13.2	1.1	1			
15637	I/b	Meat jars	MF 1.4	III.2	1			
17633	II/a	Hole-mouthed jars	SG 1.2	1.1	1			
15694	I/a	Zirs	SH 11?	1.5	1			
15694	I/a	Biconical jars with simple rim	SG 2.1	1.1	1			
15637	I/b	Beer jars	SH 8.1	1.1	1			
15732	I/a	Beer jars	SH 8.1	1.1	1			
15694	I/a	Beer jars	SH 8.1	1.1	1			
17633	II/a	Beer jars	SH 8.1	1.1	1			
15694	I/a	Egyptian amphorae	MF	III.2	1	1		
15694	I/a	Egyptian amphorae	ME 3.3	III.2	1			
15638	I/a	Jars with over-turned rim	SG 1.2	1.1	1			
15694	I/a	Unknown	SG 2.1	1.1	1			
15637	I/a	Anything else	SG 4.2	1.1	1			
15694	I/a	Unknown	Bs104	?	1		1	
17504	II/a	Unknown	?	?	1		1	
15732	I/a	Unknown	?	?	1			110
Square I/-3, J/-3								
17715	I/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17715	I/a	Bowls with simple rim and flat base	Sd 1.3	1.1	1			
17636	II/a	Bowls with simple rim and flat base	SD 1.3	1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17636	II/a	Anything else	SD 7.19	1	1			4
Square J/-3								
15755	I/a	Bread platters	?	1.6	1			
15628	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	4			
15783	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
15799	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
15795	II/b	Bowls with simple rim and flat base	SD 1.2	1.1	2			
15755	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	4			
15640	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
15778	II/b	Bowls with out-turned rim	SD 7.8	1.1	1			
15693	II/a	Bowls with simple rim and flat base	SD 7.1	1.1	2			
15629	II/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
15755	I/a	Bowls with simple rim and flat base	SD 9.9	1.3	3			
15755	I/a	Cooking bowls	SD 1.5	1.1	1			
15755	I/a	Meat jars	MF 1.1	III.3	1			
15755	I/a	Meat jars	MG 1.1	III.6	1			
15783	II/a	Jars with short thickened vertical rim	?	1.1	1			
15629	II/a	Beer jars	SH 8.1	1.1	1			
15778	II/b	Jars with simple rim	SF 4.2	1.1	1			
15795	II/b	Egyptian amphorae	ME 3.4	III.2	1	1		
15630	II/a	Egyptian amphorae	ME 3.4	III.2	1	1		
15799	I/a	Egyptian amphorae	?	III.5	1			
15640	I/a	Egyptian amphorae	ME 3.6	III.2	1			
15629	II/a	Carinated bowls	SD 5.1	1.1	1			
15630	II/a	Unknown	Bso63	1.1	1		1	
15755	I/a	Unknown	Bs 103	1.1	1			
15769	I/a	Shallow bowls upright rim	SD 3.1	1.1	2			40
Square I/-5								
17519	II/a	Potstands	SA 1.2	1.1	1			
15777	I/a	Potstands	SA 3.2	1.1	1		2	
17519	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	4			
15753	II/a	Carinated bowls	MC 2.21	III.4	1			
17519	II/a	Meat jars	MF 1.1	III.2	1			
17519	II/a	Meat jars	MF 1.5	III.2	1			
17519	II/a	Jars with short thickened vertical rim	SH 13.2	1.4	1			
17519	II/a	Beer jars	SH 8.1	1.1	2			
15778	II/a	Jars with simple rim	SH 7.2	1.1	1			
17519	II/a	Egyptian amphorae	ME 3.4	III.2	1			
17519	II/a	Hole-mouthed vessels with thickened rim	SH 2	NB1	1			
15753	II/a	Heavy vertical-walled bowls	SD 2.4	1.1	1			
15753	II/a	Spinning bowls	SD 6.2	1.3	3			
15753	II/a	Cooking bowls	SD 1.4	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
15753	II/a	Cooking bowls	SD 1.4	1.3	1			
15753	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
15753	II/a	Heavy vertical-walled bowls	SD 2.2	1.1	2			
15777	I/a	Too little survives		1.1	1			28
Square J/-2								
17508	0/n	Heavy vertical-walled bowls	SD 7.10	1.1	1			
17534	II/a	Heavy vertical-walled bowls	SD 2.5	1.1	1			
17534	II/a	Heavy vertical-walled bowls	SD 2.2	1.5	1			
17534	II/a	Heavy vertical-walled bowls	SD 2.I/a	1.5	1			
17734	II/a	Heavy vertical-walled bowls	SD 7.12	1.1	1			
17508	0/n	Bowls with simple rim and flat base	SD 1.2	1.1	3			
17534	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17634	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17568	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17568	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17629	0/n	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17534	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	6			
17534	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	10			
17534	II/a	Bowls with simple rim and flat base	SD 1.4	1.1	6			
17534	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17534	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17725	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17734	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17734	II/a	Bowls with simple rim and flat base	SD 1.1	1	2			
17734	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17508	0/n	Bowls with simple rim and flat base	SD 7.13	1.1	1			
17568	I/a	Carinated bowls	SD 3.1	1.1	1			
17534	II/a	Carinated bowls	MC 9.2	III.8	1			
17568	I/a	Cooking bowls	SD 7.6	1.1	1			
17534	II/a	Shallow bowls upright rim	SD 3.1	1.1	5			
17534	II/a	Shallow bowls upright rim	SD 3.3	1.1	5			
17534	II/a	Meat jars	SH 13.1	1.5	1			
17534	II/a	Hole-mouthed jars	MF 3.4	III.2	1			
17508	0/n	Beer jars	SH 8.1	1.1	2			
17534	II/a	Beer jars	SH 8.1	1.1	3			
17568	I/a	Jars with simple rim	SH 9	1.1	2			
17534	II/a	Egyptian amphorae	?	?	1		1	
17534	II/a	Vases	MF 9.3	III.5	1	1		
17535	II/a	Jars with over-turned rim	SH 16.2	NB1	1			
17508	0/n	Anything else	MC 2.2	III.8	1			
17534	II/a	Imitations	?	III.8	1			
17534	II/a	Egyptian amphorae	MD 1.3	III.5	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17534	II/a	Bowls with simple rim and flat base	SE 1.4	1.5	1			
17723	0/o	Unknown	bs051	1.1	1			80
Square J/-2N								
17534	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17725	I/a	Zirs	SH10.1	1.1	1			
17725	I/a	Beer jars	SH 8.1	1.1	1			3
Square J/-3								
17593	I/o	Bread platters	HB 2.3	1.5	1			
17701	0/o	Heavy vertical-walled bowls	SD 2.5	1.5	1			
17701	0/o	Heavy vertical-walled bowls	SD 5.3	1.5	1			
17537	II/a	Heavy vertical-walled bowls	SD 2.2	1.5	1			
17504	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17504	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17537	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17691	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	2			
17542	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17593	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	1		1	
17537	II/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17504	II/a	Carinated bowls	SE 14.1	1.1	1			
17701	0/o	Carinated bowls	SD 12.4	1.1	1			
17537	II/a	Carinated bowls	MC 10.5	III.2	1			
17537	II/a	Carinated bowls	SE 11.2	1.3	1			
17701	0/o	Cooking bowls	SD 10.2	1.5	1			
17701	0/o	Shallow bowls upright rim	SD 3.1	1.1	1			
17537	II/a	Shallow bowls upright rim	SD 3.1	1.1	1			
17701	0/o	Hole-mouthed jars	MC 10.5	III.3	1			
17701	0/o	Zirs	SH 10.2	1.3	1			
17537	II/a	Zirs	SH 10.1	1.1	1			
17504	II/a	Biconical jars with simple rim	SH 9	1.1	1			
17701	0/o	Biconical jars with simple rim	SH 9.3	1.1	2			
17701	0/o	Beer jars	SH 8.2	1.5	1		1	
17701	0/o	Egyptian amphorae	ME 3.4	III.2	1			
17537	II/a	Egyptian amphorae	ME 3.6	III.5	1	1		
17701	0/o	Egyptian amphorae	ME 3.4	III.2	1	1		
17691	I/o	Egyptian amphorae	ME 3.6	III.2	1		1	
17593	I/o	Egyptian amphorae	ME 3.6	III.2	1	1		
17701	0/o	One-handed jugs	MF 2.2	III.2	1	1		
17504	II/a	Unknown	?	1.1	2			
17701	0/o	Unknown	Bs005	1.1	4		4	
17701	0/o	Biconical jars with simple rim	SF 4.2	1.1	1			51
Square J/-4								
15704	I/o	Heavy vertical-walled bowls	SD 2.2	1.5	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
15704	I/o	Heavy vertical-walled bowls	SD 2.5	1.1	1			
15704	I/o	Heavy vertical-walled bowls	SD 1.5	1.1	2			
15710	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15704	I/o	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15704	I/o	Bowls with simple rim and flat base	SD 1.5	1.1	3			
15704	I/o	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15727	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
15704	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	3			
15704	I/o	Bowls with simple rim and flat base	SD 3.2	1.1	2			
15679	I/a	Shallow bowls upright rim	SD 7.2	1.1	2			
15704	I/o	Biconical jars with simple rim	SG 2.1	1.1	1			
15710	I/a	Beer jars	SH 8.1	1.1	1			
15704	I/o	Beer jars	SH 8.1	1.1	2			
15704	I/o	Bowls	SD 1.5	1.1	3			25
Square J-5								
17622	I/a	Bread platters	HB 2.4	1.5	1		1	
17515	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17572	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17622	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17707	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17622	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
17622	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17622	I/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17624	I/a	Meat jars	MF 1.1	III.3	1			
17515	II/a	Zirs	SH 10.1	NB1	1			
17515	II/a	Zirs	SG 1.1	1.1	1			
17515	II/a	Beer jars	SH 8.1	1.1	2			
17572	I/a	Beer jars	SH 8.1	1.1	1			
17622	I/a	Jars	MC 7.1	III.4	1			18
Square K/-2								
17595	I/o	Bread platters	HB 2.4	1.5	1			
17577	II/e	Heavy vertical-walled bowls	SD 2.5	1.5	1			
17577	II/e	Heavy vertical-walled bowls	SD 5.3	1.5	1			
17577	II/e	Heavy vertical-walled bowls	SD 2.2	1.1	4			
17577	II/e	Heavy vertical-walled bowls	SD 2.2	1.1	2			
17577	II/e	Heavy vertical-walled bowls	SD 5.3	1.5	2			
17577	II/e	Heavy vertical-walled bowls	SD 2.3	1.5	1			
17577	II/e	Heavy vertical-walled bowls	SD 2.2	1.5	2			
17595	I/o	Heavy vertical-walled bowls	SD 2.6	1.1	1			
17535	II/a	Heavy vertical-walled bowls	SD 2.5	1.1	1			
17708	II/a	Heavy vertical-walled bowls	SD 2.2	1.1	1			
17595	I/o	Small bowls with modelled base	SD 2.7	1.7	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17577	II/e	Bowls with simple rim and flat base	SD 1.5	1.1	4			
17577	II/e	Bowls with simple rim and flat base	SD 1.3	1.1	3			
17577	II/e	Bowls with simple rim and flat base	SD 1.5	1.1	5			
17577	II/e	Bowls with simple rim and flat base	SD 1.2	1.1	7			
17577	II/e	Bowls with simple rim and flat base	SD 1.1	1.1	4			
17577	II/e	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17577	II/e	Bowls with simple rim and flat base	SD 1.2	1.1	8			
17577	II/e	Bowls with simple rim and flat base	SD 1.5	1.1	10			
17509	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	6			
17509	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17509	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17595	I/o	Bowls with simple rim and flat base	SD 1.5	1.1	8			
17595	I/o	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17595	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	3			
17595	I/o	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17708	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17577	II/e	Bowls with simple rim and flat base	SD 7.9	1.1	1			
17577	II/e	Bowls with simple rim and flat base	SD 7.1	NB1	1			
17577	II/e	Bowls with simple rim and flat base	SD 7.14	1.1	4			
17577	II/e	Bowls with simple rim and flat base	SD 7.5	1.1	2			
17577	II/e	Bowls with simple rim and flat base	SD 7.15	1.1	1			
17509	II/a	Bowls with simple rim and flat base	SD 7.9	1.5	1			
17509	II/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17509	II/a	Bowls with simple rim and flat base	SD 7.22	1.1	1			
17509	II/a	Bowls with simple rim and flat base	SD 7.15	1.3	1			
17595	I/o	Bowls with simple rim and flat base	SD 7.2	1.1	1			
17595	I/o	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17595	I/o	Bowls with simple rim and flat base	SD 7.15	1.1	1			
17595	I/o	Bowls with simple rim and flat base	SD 7.6	1.5	1			
17595	I/o	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17577	II/e	Carinated bowls	SD 3.1	1.1	2			
17577	II/e	Carinated bowls	SD 3.1	1.1	1			
17595	I/o	Cooking bowls	SI 3.1	1.5	1			
17509	II/a	Shallow bowls upright rim	SD 3.1	1.1	1			
17595	I/o	Shallow bowls upright rim	SD 3.1	1.1	1			
17708	II/a	Shallow bowls upright rim	SD 3.1	1.1	2			
17595	I/o	Meat jars	MF 1.5	III.3	1			
17595	I/o	Meat jars	SH 3.2	1.4	1			
17577	II/e	Meat jars	MF 1.1	III.2	1			
17577	II/e	Hole-mouthed jars	MG 2.2	III.2	2			
17577	II/e	Zirs	SH 10.1	1.1	2			
17595	I/o	Zirs	SH 10.2	1.5	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17577	II/e	Biconical jars with simple rim	SH 9.5	1.1	1		1	
17577	II/e	Biconical jars with simple rim	SH 9.4	1.1	3		1	
17577	II/e	Biconical jars with simple rim	SH 9.5 or 9.4	1.1	1			
17509	II/a	Biconical jars with simple rim	SH 9.3	1.1	3			
17509	II/a	Biconical jars with simple rim	SH 9.4	1.3	1			
17595	I/o	Biconical jars with simple rim	SH 9	1.1	1			
17595	I/o	Beer jars	SH 8.1	1.1	1			
17577	II/e	Beer jars	SH 8.1	1.1	2			
17577	II/e	Beer jars	SH 8.1	1.1	5			
17509	II/a	Beer jars	SH 8.1	1.1	3			
17595	I/o	Beer jars	SH 8.1	1.1	1			
17577	II/e	Egyptian amphorae	ME 3.4	III.2	1	1	1	
17509	II/a	Egyptian amphorae	ME 3.6	III.2	1		1	
17595	I/o	Egyptian amphorae	ME 3.6	III.3	1			
17708	II/a	Egyptian amphorae	ME 3.6	III.2	1	1		
17595	I/o	Jars with over-turned rim	SH 13.2	1.5	1			
17577	II/e	Spinning bowls	MC 4.2?	NB1	1			
17577	II/e	Anything else	SF 4.1	NB1	1			
17595	I/o	Anything else	Import	Import	1			
17577	II/e	Anything else	bs105	1.1	1		1	
17577	II/e	Shallow bowls upright rim	SD 3.1	1.1	3			
17577	II/e	Shallow bowls upright rim	SD 3.2	1.1	2			
17577	II/e	Unknown	Bso65	1.1	1		1	
17509	II/a	Unknown	?	?	1			
17577	II/e	Unknown	SE 1?	?	1			
17577	II/e	Unknown	Bs104	1.1	1			168
Square K/-3								
17561	II/a	Potstands	SA 3.2	1.6	1			
17510	II/a	Heavy vertical-walled bowls	SD 2.2	1.1	1			
17510	II/a	Heavy vertical-walled bowls	SD 2.5	1.1	1			
17567	II/a	Small bowls with modelled base	SD 3.1	1.1	1			
17510	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
17510	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17510	II/a	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17510	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17510	II/a	Bowls with simple rim and flat base	SH 14	1.1	1			
17510	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17510	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17599	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17510	II/a	Biconical jars with simple rim	SH 9.4	1.1	1			
17599	II/a	Egyptian amphorae	ME 3.6	III.5	1	1		
17599	II/a	Anything else	SJ 1.2	1.1	1		1	19

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
Square K/-4								
15687	I/o	Heavy vertical-walled bowls	SD 1.7	1.5	1			
15685	I/o	Heavy vertical-walled bowls	SD 2.2	1.1	1			
15779	I/o	Bowls with simple rim and flat base	SD 1.2	1.1	1			
15731	I/a	Bowls with simple rim and flat base	SD 1.4	1.1	1			
15685	I/o	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15687	I/o	Bowls with simple rim and flat base	SD 1.5	1.1	1			
15687	I/o	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15728	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
15686	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
15685	I/o	Bowls with simple rim and flat base	SD 1.2	1.1	3			
17554	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17554	I/a	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17554	I/a	Bowls with simple rim and flat base	SD 7.13	1.1	1			
17554	I/a	Bowls with simple rim and flat base	SD 7.19	1.1	1			
15728	I/a	Carinated bowls	MC	III.2	1		1	
17554	I/a	Carinated bowls	SD 3.1	1.1	2			
15684	I/a	Cooking bowls	SD 1.5	1.1	3			
15686	I/a	Cooking bowls	SD 1.5	1.1	1			
15685	I/o	Shallow bowls upright rim	MC 2.1	III.2	1			
17554	I/a	Biconical jars with simple rim	?	1.1	2			
15685	I/o	Beer jars	SH 8.1	1.1	1			
15685	I/o	Beer jars	SH 8.1	1.1	1			
15779	I/o	Egyptian amphorae	ME 3.5	III.2	1	1		
15686	I/o	Vases	MF 9.20	III.8	1			
15716	I/o	Heavy vertical-walled bowls	SD 2.5	1.3	1			
15686	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	4			38
Square K/-5								
17615	II/a	Bread platters	HB 2.4	1.6	1			
17614	I/a	Heavy vertical-walled bowls	SD 2.2	1.1	2			
17546	I/c	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17546	I/c	Bowls with simple rim and flat base	SD 3.3	1.1	1			
17516	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	2			
17516	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	4			
17516	II/a	Bowls with simple rim and flat base	SD 7.15	1.1	1			
17516	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17614	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	4			
17614	I/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17615	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17516	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	3			
17516	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	3			
17516	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17516	II/a	Bowls with simple rim and flat base	SD 7.9	1.5	1			
17516	II/a	Bowls with simple rim and flat base	SD 7.22	1.5	1			
17516	II/a	Carinated bowls	MC 9 or MC 10	III.5	1			
17614	I/a	Carinated bowls	SD 3.1	1.1	2			
17516	II/a	Shallow bowls upright rim	SD 3.1	1.1	1			
17614	I/a	Meat jars	SH 11.2	1.1	1			
17614	I/a	Meat jars	SH 18.1	1.1	1			
17516	II/a	Jars with short thickened vertical rim	SH 8?	1.1	1			
17546	I/c	Hole-mouthed jars	SH 13.2	1.5	1			
17516	II/a	Hole-mouthed jars	MG 1.2	III.3	1			
17516	II/a	Beer jars	SH 8.1	1.1	4			
17615	II/a	Beer jars	SH 8.II/a	1.5	1			
17615	II/a	Beer jars	SH 8.1	1.1	1			
17516	II/a	Beer jars	SH 8.2	1.1	1			
17516	II/a	Beer jars	SH 8.1	1.1	1			
17516	II/a	One-handled cup, carinated	MD 1.3	III.8		1		49
Square L/-2								
17611	II/e	Potstands	SA 2.12	1.1	1			
17626	I/o	Heavy vertical-walled bowls	SD 2.5	1.5	1			
17610	II/e	Heavy vertical-walled bowls	SD 2.2	1.1	1			
17610	II/e	Heavy vertical-walled bowls	SD 5.3	1.1	1			
17610	II/e	Heavy vertical-walled bowls	SD 2.2	1.5	1			
17610	II/e	Heavy vertical-walled bowls	SD 2.I/a	1.1	1			
17611	II/e	Heavy vertical-walled bowls	SD 2.2	1.5	2			
17611	II/e	Heavy vertical-walled bowls	SD 2.5	1.5	2			
17611	II/e	Heavy vertical-walled bowls	SD 2.5	1.1	1			
17626/17631	I/o	Heavy vertical-walled bowls	SD 2.2	1.5	1			
17711	II/e	Heavy vertical-walled bowls	SD 2.5	1.5	1			
17626	I/o	Heavy vertical-walled bowls	SD 2.2	1.1	2			
17626	I/o	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17626	I/o	Bowls with simple rim and flat base	SD 1.3	NB1	1			
17626	I/o	Bowls with simple rim and flat base	SD 7.6	1.1	1			
17626	I/o	Bowls with simple rim and flat base	SD 7.1	1.1	1			
17610	II/e	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17610	II/e	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17610	II/e	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17610	II/e	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17610	II/e	Bowls with simple rim and flat base	SD 1.3	1.1	7			
17610	II/e	Bowls with simple rim and flat base	SD 1.1	1.1	5			
17610	II/e	Bowls with simple rim and flat base	SD 1.5	1.1	5			
17511	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	2			
17511	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17511	II/a	Bowls with simple rim and flat base	MC 2.2	III.2	1			
17611	II/e	Bowls with simple rim and flat base	SD 1.5	1.1	4		1	
17611	II/e	Bowls with simple rim and flat base	SD 1.3	1.1	3			
17611	II/e	Bowls with simple rim and flat base	SF 2.1	1.5	1			
17611	II/e	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17611	II/e	Bowls with simple rim and flat base	SD 1.3	1.1	5			
17626/17631	I/o	Bowls with simple rim and flat base	SD 1.5	1.1	2			
17626/17631	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17744	I/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17744	I/a	Bowls with simple rim and flat base	SD 1.1	1.1	1			
17711	I/o	Bowls with simple rim and flat base	SD 1.3	1.3	1			
17711	I/o	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17626	I/o	Bowls with simple rim and flat base	SD 1.3	1.1	4			
17610	II/e	Bowls with simple rim and flat base	SD 7.14	1.1	2			
17610	II/e	Bowls with simple rim and flat base	SD 7.9	1.1	1			
17610	II/e	Bowls with simple rim and flat base	SD 7.13	1.1	1			
17511	II/a	Bowls with simple rim and flat base	SD 7.21	1.1	1			
17511	II/a	Bowls with simple rim and flat base	SD 7.9	1.1	1			
17611	II/e	Bowls with simple rim and flat base	SD 7.14	1.1	2			
17611	II/e	Bowls with simple rim and flat base	SD 7.15	1.1	1			
17611	II/e	Bowls with simple rim and flat base	SD 7.14	1.1	3			
17611	II/e	Bowls with simple rim and flat base	SD 7.6	1.1	1			
17611	II/e	Bowls with simple rim and flat base	SD 7.11	1.5	2			
17711	I/o	Bowls with simple rim and flat base	SD 7.14	1.1	1			
17711	I/o	Bowls with simple rim and flat base	SD 7.12	1.5	1			
17626	I/o	Bowls with simple rim and flat base	SD 7.14	1.1	3			
17610	II/e	Carinated bowls	SE 21.1	1.3	1			
17511	II/a	Carinated bowls	SD 10.5	1.3		1		
17611	II/e	Carinated bowls	SD 12.4	1.5	1			
17626/17631	I/o	Shallow bowls upright rim	SD 3.1	1.1	1			
17626	I/o	Shallow bowls upright rim	SD 3.1	1.1	1			
17626	I/o	Meat jars	MF 1.4 or 1.5	1.5	1			
17610	II/e	Meat jars	MF 1.5	III.5	1			
17511	II/a	Meat jars	MF 1.4	III.3	1			
17511	II/a	Meat jars	MG 2.3	III.6	1			
17610	II/e	Hole-mouthed jars	MG 2.3	III.3	1			
17610	II/e	Hole-mouthed jars	SH 14.1	1.1	1			
17611	II/e	Hole-mouthed jars	MG 2.2	III.6	2			
17611	II/e	Hole-mouthed jars	MG 2.3	III.2	3			
17611	II/e	Hole-mouthed jars	MF 3.1	III.2	1			
17611	II/e	Hole-mouthed jars	MG 3.1	V2	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17626	I/o	Hole-mouthed jars	SH 3.1	1.1	1			
17626	I/o	Zirs	SH 10.2	1.5	1			
17611	II/e	Zirs	SH 10.1	1.3	1			
17626	I/o	Biconical jars with simple rim	SH 7	1.1	3			
17610	II/e	Biconical jars with simple rim	SH 9.3	1.1	1			
17611	II/e	Biconical jars with simple rim	SH 9.4	1.1	1			
17611	II/e	Biconical jars with simple rim	SH 9.1	1.1	9			
17626/17631	I/o	Biconical jars with simple rim	SH 9	1.1	1			
17711	I/o	Biconical jars with simple rim	SH 9.5	1.1	1			
17610	II/e	Beer jars	SH 8.1	1.1	3			
17610	II/e	Beer jars	SH 8.2	1.1	2			
17511	II/a	Beer jars	SH 8.1	1.1	1			
17611	II/e	Beer jars	SH 8.1	1.1	7			
17626/17631	I/o	Beer jars	SH 8.1	1.1	1			
17711	I/o	Beer jars	SH 8.1	1.1	4			
17626	I/o	Beer jars	SH 8.1	1.1	2			
17610	II/e	Canaanite amphorae	NB 1.2	IV I/a	1	1		
17626/17631	I/o	Canaanite amphorae	?	IV.9	1	1		
17626	I/o	Egyptian amphorae	ME 3.4	III.2	1			
17626	I/o	Egyptian amphorae	ME 3.4	III.2	1	1		
17610	II/e	Egyptian amphorae	ME 3.4	III.5	1			
17610	II/e	Egyptian amphorae	ME 3.4	III.2	2	2		
17511	II/a	Egyptian amphorae	ME 3.4	III.2	1	1		
17611	II/e	Egyptian amphorae	ME 4.2	V2	1			
17611	II/e	Egyptian amphorae	ME 3.6	III.2	2	2		
17611	II/e	Egyptian amphorae	MC 2.1	III.2	1			
17611	II/e	Egyptian amphorae	?	III.9	1			
17711	I/o	Egyptian amphorae	ME 3.6	III.2	1			
17626	I/o	Egyptian amphorae	ME 3.6	III.2	1	1		
17626	I/o	Vases	SH 5.2	1.1	1		1	
17511	II/a	One-handled flask, carinated	NB 3.1	??	1	1		
17610	II/e	Anything else	?	1.1	1		1	
17611	II/e	Anything else	?	1.1	11		11	
17610	II/e	Anything else	SG 1.1	1.1	1			
17610	II/e	Egyptian amphorae	ME 2.1?	III.2	1		1	
17610	II/e	Cooking bowls	SD 5.3	1.5	1			
17610	II/e	Carinated bowls	SD 10.3	1.1	1			
17511	II/a	Jars with over-turned rim	SG 1.1	1.1	1			
17611	II/e	Jars with simple rim	SH 20.1	1.1	2			
17611	II/e	Jars with simple rim	SH 7.2	1.1	1			
17744	I/a	Jars with over-turned rim	SG 1.2	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
17626	I/o	Jars with short thickened vertical rim	MG 2.2	III.3	1			213
Square L/-3								
17512	II/a	Heavy vertical-walled bowls	SD 7.10	1.5	1			
17512	II/a	Heavy vertical-walled bowls	SD 2.2	1.3	1			
17573	I/c	Heavy vertical-walled bowls	SD 2.4	1.5	1			
17512	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17576	I/o	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17576	I/o	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17512	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
17573	I/c	Bowls with simple rim and flat base	SD 1.1	1.1	2			
17573	I/c	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17576	I/o	Carinated bowls	SD 10.1	1.1	1			
17512	II/a	Meat jars	MF 1.5	III.2	1			
17512	II/a	Biconical jars with simple rim	SH 9	1.1	1			
17512	II/a	Biconical jars with simple rim	SF 4.2	1.1	1			
17512	II/a	Beer jars	SH 8.1	1.1	1			
17573	I/c	Egyptian amphorae	ME 3.6	III.8	1	1		
17573	I/c	Anything else	Bs111	1.1	1		1	
17576	I/o	Bowls	SD 3.2	1.1	1			21
Square L-4								
17517	II/a	Heavy vertical-walled bowls	SD 7.10	1.1	1			
15780	I/o	Bowls with simple rim and flat base	SD 1.2	1.1	1			

Unit	Phase	Sub-group	Type	Fabric	Rim	Handle	Base	Count
15785	I/o	Bowls with simple rim and flat base	SD 3.1	1.1	1			
17517	II/a	Bowls with simple rim and flat base	SD 1.2	1.1	1			
15793	I/o	Shallow bowls upright rim	SD 3.1	1.1	2			
17517	II/a	Fancy vessels (cf. Petrie 1901)	SD 13.1	1.1	1			
17517	II/a	Biconical jars with simple rim	SF 4.2	1.1	3			
17517	II/a	Egyptian amphorae	MF 5.1	III.2	1	1		
17517	II/a	Egyptian amphorae	MF 1.1	III.2	1	1		
Surface	Surface	Pilgrim bottles	?	III.10	1			
17517	II/a	Anything else	?	1.1	2		2	
17517	II/a	Bowls with simple rim and flat base	SD 1.3	1.1	1			
17517	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17517	II/a	Bowls with simple rim and flat base	SD 1.4	1.1	1			
17517	II/a	Beer jars	SH 8.1	1.1	4			
17517	II/a	Egyptian amphorae	ME 3.4	III.9	1	1		28
Square L/-5								
17518	II/a	Bowls with simple rim and flat base	SD 1.5	1.1	1			
17518	II/a	Bowls with simple rim and flat base	SD 1.1	1.1	4			
17518	II/a	Biconical jars with simple rim	SH 9.1	1.1	1			
17518	II/a	Beer jars	SH 8.1	1.1	1			
17518	II/a	Potstands	?	1.1	2			
17518	II/a	Egyptian amphorae	MC 4.2 or MF 4.1	III.2?	1	1		11
TOTAL								1329

Table 5.8 Registered diagnostics per square. See Table 5.4 for description of shape groups and styles.

Reg. no. / Alt. no.	Date excav.	Unit	Phase	Clay	Fabric	Vienna	Style	Group	Sub-Group	Type	Part	Diam. (cm)	%	Height (mm)	Width 1 (mm)	Width 2 (mm)	Rim type	Count
Square G/-3																		
157260	06/11/2014	15763	2a	Nile	1.1	NB2	unsl 1	16?	Zir	Jar?	Base							1
157268	01/11/2014	15683	2a	Marl	III.8	MB	Cr sl 3	21	Egyptian amphora	ME 3.4	Rim	10	25	52.5	9	4	F129	1
157281	01/11/2014	15683	2a	Nile	1.1	NB2	red sl & burn -2	3	Heavy vert wall bowl	SD 7.12	Rim	35	2	52.5	18	17	Go57	1
CC-153	01/11/2014	15683	2a	Marl	III.3	MD	N/A			MF 1.2	Rim	35	3	41	27	10	No63	1
157283	01/11/2014	15683	2a	Nile	1.1	NB2	N/A	3	Heavy vert wall bowl	SD 2.4	Rim	27	4	51	13	11	G122	1
157284	01/11/2014	15683	2a	Nile	1.1	NB2	red sl 3	5	Bowl simple rim and flat base	SD 1.2	Rim	20	6	75	8	6.5	Coo8	1
157285	01/11/2014	15683	2a	Nile	1.1	NB2	red sl 3	31	Anything else	SF 4.1	Rim	12	20	51	6		Fo60	1
157287	30/10/2014	15658	1a	Nile	1.3	NB2	Cr Sl 3	1	Potstand	SD 7.23	Base	35						1
157318	27/10/2014	15650	2a	Nile	1.1	NB2	red sl 2	4	Small bowl modelled base	SD 7.21	Base	X	X					1
157319	27/10/2014	15650	2a	Nile	1.6	ND	unsl 1	32	Jar	SH or SH	Base	X	X					1
157320	27/10/2014	15650	2a	Nile	1.1	NB2	unsl 1 &	5	Bowl simple rim and flat base	SD 5.3	Rim	41	6	63	11	10	G103	1
157322	27/10/2014	15650	2a	Nile	1.1	NB2	unsl & raised string 111	5	Bowl simple rim and flat base	SD 2.2	Rim	30	6	50	11	9	Go02	1
157323	27/10/2014	15650	2a	Nile	1.3	NB2	red sl & burn -2	5	Bowl simple rim and flat base	SD 7.12	Rim	35	3	71	17	16	New for unpub type	1
157324	27/10/2014	15650	2a	Nile	1.5	NB2	underfired	5	Bowl simple rim and flat base	SD 1.5	Rim	21	8	19	9	9	Go20	1
157325	27/10/2014	15650	2a	Marl	III.2	MD	Cr Sl 3	25	One-handed jug	MD 2.2	Hndl							1

Reg. no. / Alt. no.	Date excav.	Unit	Phase	Clay	Fabric	Vienna	Style	Group	Sub-Group	Type	Part	Diam. (cm)	%	Height (mm)	Width 1 (mm)	Width 2 (mm)	Rim type	Count
157326	27/10/2014	15650	2a	Marl	III.4	MA2	Cr Sl 3	7	Carinated bowl	MC 7.1	Rim	26	9	55	8.5	5	L038	1
157327	27/10/2014	15650	2a	Nile	1.1	NB2	red sl 2 & wh coating interior 6	17	Biconical jar upright rim	SF 4.1	Rim	13	10	32.5	6	4	A006	1
157328	27/10/2014	15650	2a	Nile	1.1	NB2	unsl 1	8	Cooking bowl	SD 1.5	Rim	20	2	100	7.5	6.5	D017	1
157329	27/10/2014	15650	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.2	Rim	25	4	35	5	4	D019	1
157330	27/10/2014	15650	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.2	Rim	23	3	10	5.5	4	C004	1
157331	27/10/2014	15650	2a	Nile	1.5	NB2	unsl 1	5	Bowl simple rim and flat base	SD 7.2	Rim	27	5	39	8.5		D018	1
157332	27/10/2014	15650	2a	Nile	1.5	NB2	unsl 1	6	Bowl with out-turned rim	SD 7.9	Rim	15-20	2	33	9		K021	1
157333	27/10/2014	15650	2a	Nile	1.1	NB2	red sl 2 & wh coating interior 6	19	Jar with simple, upright rim	SH 9.1	Rim	13	9	22	7	5.5	M012	1
157334	27/10/2014	15650	2a	Nile	1.1	NB2	Wh o red sl 6	19	Jar with simple, upright rim	SH 9.3	Rim	18	5	29	6	5	A007	1
157335	27/10/2014	15650	2a	Nile	1.1	NB2	thin wh wash 5	8	Cooking bowl	SD 5.1	Rim	35?	3	15	15		G114?	1
157336	27/10/2014	15650	2a	Nile	1.1	NB2	unsl 1	16	Zir	SH 9.4	Rim	14	6	38	10		K068	1
157337	27/10/2014	15650	2a	Nile	1.1	NB2	unsl 1	19	Jar with simple upright rim	SH 9.1	Rim	11	6	24	7		M012	1
157338	27/10/2014	15650	2a	Nile	III.3	MD	Cr Sl 3	7	Carinated bowl	MC 7.1	Rim	25	4	22.5	7.5	7	L038	1
157339	27/10/2014	15650	2a	Nile	1.5	NB2	Wh o red sl 6	8	Cooking bowl	SD 2.2	Rim	33	3	11.5	11	10	G012	1
157340	27/10/2014	15650	2a	Nile	1.1	NB2	red sl 1	14	Jar with short thickened vert rim	SG 2.1	Rim	12	7	25	7	6	A007	1
157341	27/10/2014	15650	2a	Nile	1.1	NB2	red sl 1 & wh o red sl 6	8	Cooking bowl	SD 1.5	Rim	20	2	23	7		C007	1
157349	06/11/2014	15763	2a	Nile	1.1	NB2	Wh o red sl 6	8	Cooking bowl	SD 1.5	Rim	18	3	36	8.5	7.5	E003	1
157350	06/11/2014	15763	2a	Nile	1.4	ND	red sl 1	31-Beaker	Anything else	SF 1.1	Rim	16	8	68	8		M023	1
157351	06/11/2014	15763	2a	Marl	III.5	MD	Cr sl 3	21	Egyptian amphora	ME 3.6	Rim	11	7	29	10	5	F011	1
157353	29/10/2014	15658	1a	Nile	1.1	NB2	unsl 1	7	Carinated bowl	SD 11.1	Rim	16	5	40	6		L012	1
CC-102	25/10/2014	15610	2a	Nile	1.1	NB2	Red Sl 2	5	Bowl simple rim & flat base	SD 7.14	Rim	20	2	51	11	11	L009	1
Square G/-4																		
157259	29/10/2014	15667	2a	Marl	III.4	MA2	Cr sl 3	7	Carinated bowl	MC 7.1	Base	6	40	28	13.5	7		1
175314	28/10/2017	15655	2a	Nile	1.1	NB2	unsl 1	18	Beer jar	SH 8.1	Rim	13	10	63	8		E005	1
Square H/-3																		
157280	12/11/2014	15791	2b	Nile	1.1	NB2	red sl 3	19	Jar with simple, upright rims	SF 4.3?	Rim	20	3	34	8		F108	1
Square H/-4																		
157213	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.5	CPR	20.5	50	98	11	6	C008	1
157214	26/10/2014	15646	1a	Marl	III.4	MA2	Wh o red sl 6	7	Carinated bowls	SD 11.2	Rim	23	18	64	9	6	L011 or <i>New</i>	3
157215	26/10/2014	15646	1a	Marl	III.4	MA2	red sl 1	7	Carinated bowls	SD 11.2	Rim	21	12.5	44	9	7	L011 or <i>New</i>	2
157216	26/10/2014	15646	1a	Nile	1.1	NB2	red l 1 ex	16	Zir	SH 13.1?	Base							1
157217	26/10/2014	15646	1a	Nile	1.1	NB2	N/A	17	Biconical jar simple rim	SH12?	Base							1
157218	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	3?	Heavy vert wall bowl	SD 2.4 or SF6.5?	Base	15	20	67	11	6		1
157219	26/10/2014	15646	1a	Marl	III.4	MA2	white wash 5	7	Carinated bowl	SD 11.2	Rim	20	12	43	9	6	<i>New</i> for unpub type	1
157220	26/10/2014	15646	1a	Marl	III.2	MD	Cr Sl 3	21	Egyptian amphora	ME 3.4-6	Hndl	31		29	20			1
157221	26/10/2014	15646	1a	Marl	III.5	MD	Cr Sl 3	25	One-handled jug	ME 2	Hndl							1
157222	26/10/2014	15646	1a	Marl	III.5	MD	Cr Sl 3	21	Egyptian amphora	ME 2?	Hndl							1
157223	26/10/2014	15646	1a	Marl	III.8	MB	Cr Sl 3	14	Jar with short thickened vert rim	MG 2.2/3	Rim	20.5	26	77	13	7	F069	1
157224	26/10/2014	15646	1a	Marl	III.6	MD	Cr Sl 3	13	Meat jar	MF 1.4	Rim	49	4	35	30	7	N107	1
157225	26/10/2014	15646	1a	Nile	1.5	NB2/NC	unsl 1, string impress	8	Cooking bowl	SD 5.1	Rim	33	6	72	16	11	G103	1
157226	26/10/2014	15646	1a	Nile	1.5	NB2	unsl 1	1	Potstand	SA 2.12	Base	23	5					1

Reg. no. / Alt. no.	Date excav.	Unit	Phase	Clay	Fabric	Vienna	Style	Group	Sub-Group	Type	Part	Diam. (cm)	%	Height (mm)	Width 1 (mm)	Width 2 (mm)	Rim type	Count
157227	26/10/2014	15646	1a	Nile	1.1	NB2	unsl 1	16	Zir	SF 6.5?	Rim	33	17	49	17	7.5	Between No77 & No31 (un-numbered pg 53)	1
157228	26/10/2014	15646	1a	Nile	1.4	ND	cr ov red 6	14	Jar with short thickened vert rim	SH 2.1	Rim	30	9	64	21	8	No96	1
157229	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	14	Jar with short thickened vert rim	SG 1.1	Rim	12	15	48	14	6	F105	1
157230	26/10/2014	15646	1a	Nile	1.3	NB2	red sl 2	23	Jar with over-turned rim	SG 1.2	Rim	20	2	28	14	6	F141	1
157231	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	23	Jars with over-turned rim	SH 1.2	Rim	25	5.5	32	15	7	N113/Fo47	2
157232	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2 & in wh wash 5	6	Bowl out-turned rim	SD 7.15	Rim	23	10	43	15	9.5	Ko72	1
157233	26/10/2014	15646	1a	Nile	1.1	NB2	Cr Sl 3	14	Jar with short thickened vert rim	SI 1.2	Rim	13	14	42	13	5	Ao18	1
157234	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	14	Jar with short thickened vert rim	SI 1.2	Rim	13	16	69	8.5	8	Longer version of Ao12	1
157235	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	14	Jar with short thickened vert rim	SI 1.2	Rim	12	6	34	8.5	6	Ao12	1
157236	26/10/2014	15646	1a	Nile	1.1	NB2	re sl 2 (ex) & cr sl 3 (in)	31	Anything else	SG 5.3	Rim	19	7	38	9	6	New for unpub type	1
157237	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	18	Beer jar	SH 8.4	Rim	12	18	27.5	7.5	5	Ao72	1
157238	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	19	Jar with simple, upright rim	SH 9.1	Rim	13	16	35	5.5	4	Ao65	1
157239	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	19	Jar with simple, upright rim	SH 9.3	Rim	15	3	52.5	8	6	Ao48	1
157240	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	19	Jar with simple, upright rim	SH 8.4	Rim	10	22	34	7.5	6	Eo05	1
157241	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.1	Rim	24	5	31.5	6.5	7	Co17	1
157242	26/10/2014	15646	1a	Nile	1.1	NB2	white wash 5 in & grey ex	9	Shallow bowl upright rim	SE 1.1	Base	4	15					1
157243	26/10/2014	15646	1a	Nile	1.3	NB2	white wash/burning over red sl 1	5	Bowl simple rim and flat base	SD 7.1 or 7.14	Base	8	15					1
157244	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	8	Cooking bowl	SD 1.5	Rim	20	6	32.5	9	6.5	C24	1
157245	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	8	Cooking bowl	SD 1.5	Rim	21.5	10	48	9.5	6	Co08	1
157246	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	8	Cooking bowl	SD 1.5	Rim	24	6	36	7.5	7	Co07	1
157247	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	8	Cooking bowl	SD 1.5	Rim	23	7	82	7	6	C24	1
157248	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 3.2	Rim	22	10	78	8.5	7	Do09	1
157249	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	17? Or 5		SH 9.5?	Rim	17	5	63	9	7	Fo02	1
157250	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	8	Cooking bowl	SD 1.5	Rim	27	5.5	32	7	6	Do17	1
157251	26/10/2014	15646	1a	Nile	1.3	NB2	red sl 2	5	Bowl simple rim and flat base	SD 2.2	Rim	35.5	5.5	69	14	13	L50	1
157252	26/10/2014	15646	1a	Nile	1.1	NB2	unsl 1	5	Bowl simple rim and flat base	SD 1.1	Rim	7	10	20	7	6	C24	1
157253	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.1	Rim	14	6	34	6	5	Do17	1
157254	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.1	Rim	22	2	29	6	6	Co07	1
157255	26/10/2014	15646	1a	Nile	1.1	NB2	Wh o red sl 6	14	Jar with short thickened vert rim	SH 7.2	Rim	13	6	29	6	6	Ao62	1
157256	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.2	Rim	20	2	26	6	6	Do17	1
157257	26/10/2014	15646	1a	Nile	1.5	NB2/NC	unsl 1	6	Bowl with out-turned rim	SD 2.4	Rim	20	5	40	14	11	G109 (smaller version)	1
157258	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 2.2/3	Rim	25	3	35	13.5	11	Lo33	1
CC-131	26/10/2014	15646	1a	Nile	1.5	NC	unsl 1	5	Bowl simple rim and flat base	SG 1.2?	Rim	13	5	14	14	11	N135	1
CC-132	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 2.1 A	Rim	24.5	4	34.5	12	11	Co20	1
CC-133	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 7.1	Rim	20	7	14	6	6	Ko01	1
157262	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.2	Rim	20	5	19	7.5	6	C24	1
157263	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 1	17 or 5		SH 9.5?	Rim	13	3	24	6.5	5	Fo02	1

Reg. no. / Alt. no.	Date excav.	Unit	Phase	Clay	Fabric	Vienna	Style	Group	Sub-Group	Type	Part	Diam. (cm)	%	Height (mm)	Width 1 (mm)	Width 2 (mm)	Rim type	Count
157264	26/10/2014	15646	1a	Nile	1.5	NC	unsl 1				Rim	15	4	3	6	5	Do08	1
157265	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 1	6	Bowl with out-turned rim	SD 7.13	Rim	20	3	23	6	5	Ko58	1
157266	26/10/2014	15646	1a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim & flat base	SD 1.1	Rim	20	2	16	7	5.5	Do20	1
157277	21/10/2014	15620	2a	Marl	III.2	MD	Cr Sl 3	21	Egyptian amphora	ME 3.6	Base							1
157278	21/10/2014	15620	2a	Marl	III.2	MD	Cr Sl 3	21	Egyptian amphora	ME 3.6	Rim	11	20	36	13	5	Fo05	1
157279	21/10/2014	15620	2a	Nile	1.3	NB2	Cr Sl 3 & red sl 1	14	Jar with short thickened vert rim	SH 8.4	Rim	10	17	29	8	6.5	F87	1
CC-151	21/10/2014	15620	2a	Marl	III.4	MA2	Cr Sl 3 & 2 bands black 101	10	Shallow carinated bowl	MC 2.2?	Rim	21	11	34	9	7	A83	1
CC-152	21/10/2014	15620	2a	Marl	III.2	MD	Cr Sl 3	14 or 31 Mug	Mug	MD 1.2 or 1.3	Rim	10	7	23	10	6	Similar to N111	1
157282	21/10/2014	15620	2a	Nile	1.7	ND	Grey slip 8 & burnished	7	Carinated bowl	SE 12.1	Rim	17	4	21	4	3	Similar to Bo19 but more upright	1
CC-154	21/10/2014	15620	2a	Nile	1.1	NB2	unsl 1	17	Biconical jar simple rim	SH 9.5	Rim	18	25	97.5	11	7		1
CC-155	21/10/2014	15620	2a	Nile	1.6	ND	unsl 1	2	Bread platter	HB 2.4	Base						Ao57	1
CC-156	21/10/2014	15620	2a	Nile	1.1	NB2	red slp & burn -2	5	Bowl simple rim and flat base	SD 1.5	Rim	21	8	33.5	7	6	Co07	1
157286	21/10/2014	15620	2a	Nile	1.3	NB2	red sl 2	17	Biconical jar simple rim	SH 9.4	Rim	18	9	29	7	6	M21	1
CC-158	21/10/2014	15620	2a	Nile	1.1	NB2	red sl 12	8	Cooking bowl	SD 1.5	Rim	26	4	26.5	7.5	6	Do17	1
CC-159	21/10/2014	15620	2a	Nile	1.1	NB2	red sl 2 & white wash over red 6 & red rim band 8	5	Bowl simple rim and flat base	SH 9.1	Rim	10	4	27.5	7	6	Ao37	1
CC-160	21/10/2014	15620	2a	Nile	1.1	NB2	Wh o red sl 6	15	Hole-mouthed jar	SH 1.2	Rim	11	4	23.5	9	6	N136	1
CC-124	10/11/2014	15792	1b	Nile	1.1	NB2	unsl 1	16	Tall jar	SH 1.1 or possible 2.1	Body & Base	38		47				1
Square H/-5																		
157271	06/11/2014	15757	2a	Nile	1.6	ND	white wash 5	11	Hearth	SD 7.12	Rim	25	10	48.5	14	11	Go51	1
CC-149	06/11/2014	15757	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.1	Rim	15	15	52	7	6	Co04	1
CC-157	06/11/2014	15757	2a	Nile	1.1	NB2	un sl 1	9	Shallow bowls upright rim	SD 1.3	Rim	10	37	33	7	4	C24	2
157348	09/11/2014	15778	2b	Marl	III.2	MD	Cr sl 3	21	Egyptian amphora	ME 2.2	Base							1
157346	05/11/2014	15760	1b	Nile	1.1	NB2	Wh o red sl 6	30	Hole-mouthed vessel	SH 3.1	Rim	18	3	28	7		N136	1
Square I/-2																		
157292	09/10/2017	17550	2a	Marl	III.1	Marl A2	Cr Sl 3	25	One-handled jug	MF 4.1	Rim	4	25	27	6	3.5	Ko48	1
157293	09/10/2017	17550	2a	Nile	1.1	NB2	red sl 2	18	Beer jar	SH 9.3	Rim	15	10	71.5	7		Ao64	1
157310	31/10/2017	17669	1o	Nile	1.3	NB2	wh wash	24	Pilgrim bottle	MH 1.2	Rim	6	100	38.5	9		Fo32	1
Square I/-2N																		
157311	26/10/2017	17659	1a	Nile	1.5	NB2/C	unsl 1	3	Heavy vert wall bowl	SD 5.3	Rim	49	10	137	20	16	G1o3	1
175312	26/10/2017	17659	1a	Nile	1.5	NC	unsl 1	2	Bread platter	HB 2.3	Rim	24	7	45	27	12	A8o	1
Square I/-3																		
157192	23/10/2014	15612	2a	Nile	1.1	NB2	unsl 1	18	Beer jar	SH 8.1	Rim	15	5	22	9	8	Eo05	1
157193	23/10/2014	15612	2a	Nile	1.1	NB2	red slp & burn -2	5	Bowl simple rim and flat base	SD 3.1	Rim	22	2	16	8	5	Do13	1
157194	23/10/2014	15612	2a	Nile	1.1	NB2	red slp 1	5	Bowl simple rim and flat base	SD 7.13	Rim	19	1	14	7	7	Ko86	1
157208	30/10/2014	15637	1a	Nile	1.1	NB2	red sl & burn -2	6	Shallow bowls	SD 7.14	Rim	21	50	83	9	6	Ko61	12
157210	12/11/2014	15914	1a	Nile	1.1	NB2	red sl 1	7	Carinated bowls	SD 11.3	Rim	21	6	35	8	7	Bo14?	2
157211	12/11/2014	15914	1a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.1	Rim	22	2	16	7	7	Co07	1
157212	12/11/2014	15914	1a	Nile	1.1	NB2	red sl 1	10	Shallow carinated bowl	SD 7.14	Rim	21	4	89	9	7	Ko01	1

Reg. no. / Alt. no.	Date excav.	Unit	Phase	Clay	Fabric	Vienna	Style	Group	Sub-Group	Type	Part	Diam. (cm)	%	Height (mm)	Width 1 (mm)	Width 2 (mm)	Rim type	Count
157258 / CC-130	12/11/2014	15694	1a	Nile	1.5	NB2	unsl 1	X	Shallow bowl	?	Rim	20		26	14	9.5	x	1
157267	20/10/2014	15614	1a	Nile	1.1	NB2	red sl & burnished -2	6	Bowls with out-turned rim	SD 7.14	Rim	19	11	41	7	4	Ko61	2
CC-140	20/10/2014	15614	1a	Nile	1.1	NB2	red sl 1	5	Bowls simple rim and flat base	SD 3.2	Rim	24	11	65	6.5	5.5	Do17	2
157269	20/10/2014	15614	1a	Nile	1.1	NB2	unsl 1	7 or 8		SE 11.2	Shdlr						similar to Ko47	1
CC-141	30/10/2014	15637	1a	Nile	1.5	NB2/NC	unsl 1	7	Carinated bowls	SD 10	Base							5
157270	20/10/2014	15614	1a	Nile	1.1	NB2	Cr Sl 3	10	Shallow carinated bowls	SE 11.1	Rim	44	50	105	18	12	New for unpub type	2
CC-143	20/10/2014	15614	1a	Nile	1.1	NB2	Cr Sl 3	10	Shallow carinated bowl	SE 11.2	Rim	47	10	104	15	11	New for unpub type	1
157272	20/10/2014	15614	1a	Nile	1.1	NB2	unsl 1	16	Zir	SH 6.1 or SI 1.2	Base							1
157273	20/10/2014	15614	1a	Nile	1.1	NB2	red sl & burn -2	5	Bowls simple rim and flat base	SD 1.5	Base	6	50	66	10	7.5		2
157274	20/10/2014	15614	1a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.1	Rim	x	x	11	12	6	too small	1
157275	20/10/2014	15614	1a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.1	Rim	x	x	19	5	4	too small	1
157276	20/10/2014	15614	1a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.5	Rim	14	17	66	8	6	C24	1
157313	23/10/2014	15636	1a	Nile	1.6	NC	unsl 1	2	Bread platter	HB 2.2	Base	x	x					1
157314	23/10/2014	15636	1a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.3	Rim	23	7	66	6.5	5	Co07	1
157315	23/10/2014	15636	1a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.3	Rim	14	5	29	6	5	Do19	1
157316	23/10/2014	15636	1a	Nile	1.1	NB2	red sl 2	14	Jar with short thickened vert rim	SG 3.1	Rim	11	10	43.5	7.5	6	Ao19	1
157317	23/10/2014	15636	1a	Nile	1.1	NB2	red sl 2	8	Shallow bowl	SD 1.5	Rim	31	6	60.5	6.5	6	Co07	1
157352	30/10/2014	15637	1a	Nile	1.1	NB2	red sl 3	9	Shallow bowls	SD 3.2	CPR	23	7	102	9	6	Do13	5
CC-103	21/10/2014	15618	2e	Nile	1.4	ND	Red Sl burn -2	9	Shallow bowl upright rim	SD 3.3	Rim	14	5	48.5	6.5	5	CO16	1
CC-104	21/10/2014	15618	2e	Nile	1.1	NB2	unsl 1	5	Bowl simple rim and flat base	SD 1.1	Rim	17	3	19	6.5	4	Co06	1
CC-105	21/10/2014	15618	2e	Nile	1.1	NB2	Red Sl 2	5	Bowl simple rim and flat base	SD 1.1	Rim	19	4	33	7	7	Co07	1
CC-106	21/10/2014	15618	2e	Marl	III.9	MD	Cr Sl 3	21	Egyptian amphora	ME 3.6	Rim	11	4	30	9	5	Fo11	1
CC-107	21/10/2014	15619	2e	Nile	1.1	NB	Red Sl 2	5	Bowl simple rim and flat base	SD 3.2	Rim	22	2	22	6	6	Do13	1
CC-110	20/10/2014	15621	1o	Nile	1.4	ND	Red Sl 2	14	Jar with short thickened vert rim	SG 1.1	Rim	6	15	24	7	5.5	Fo06	1
CC-111	23/10/2014	15612	2a	Nile	1.1	NB2	Wh o red sl 6	19	Jars with simple, upright rim	SH 9.1	Rim	24	6	30	8	6	Fo60	1
CC-112	23/10/2014	15612	2a	Marl	III.9	MD	Cr Sl 3	21	Egyptian amphora	ME 3.6	Rim	10	17	42	9	6	Fo11	1
CC-113	23/10/2014	15612	2a	Nile	1.1	NB2	Red Sl 2	5	Bowl simple rim and flat base	SD 1.5	Rim	21.5	7.5	69	9	6	Co08	1
CC-114	23/10/2014	15612	2a	Nile	1.1	NB2	Red Sl 2 & bl rim band 11	9	Shallow bowl upright rim	SD 3.1	Rim	20	7	16	4	3	Co10	1
CC-115	23/10/2014	15612	2a	Nile	1.1	NB2	Red Sl 2	5	Bowl simple rim and flat base	SD 1.2	Rim	24	5	59	6	5	Do17	1
CC-116	23/10/2014	15612	2a	Nile	1.1	NB2	Red Sl 2	5	Bowl simple rim and flat base	SD 1.2	Rim	19	16.5	52	7	6	Do17	1
CC-117	23/10/2014	15612	2a	Nile	1.1	NB2	red slip 2	18	Beer jar	SH 9.1A	Rim	12	17	27	7	6	Ao12	1
CC-118	23/10/2014	15612	2a	Nile	1.1	NB2	red slp 2	5	Bowl simple rim and flat base	SD 1.2	Rim	21	10	49	6	5	Co07	1
CC-119	23/10/2014	15612	2a	Nile	1.1	NB2	red slp 2	5	Bowl simple rim and flat base	SD 7.2	Rim	27	6.5	45	6	6	Do19	1
CC-120	23/10/2014	15612	2a	Nile	1.1	NB2	red slp 2 & 7	5	Bowl simple rim and flat base	SD 7.13	Rim	17	7	29	8	6	Do19	1
CC-121	23/10/2014	15612	2a	Nile	1.1	NB2	red slp 2	5	Bowl simple rim and flat base	SD 7.14	Rim	21	4	38	8	6	Do17	1
CC-122	23/10/2014	15612	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 7.14	Rim	19	4	30	7	6	Do17	1
CC-123	23/10/2014	15612	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 3.1	Rim	17	3	16	6	6	Do13	1
CC-125/ 42030	31/10/2017	17752	1o	Nile	1.1	NB2	blue dec 91	16	Zir	SH 2.1	Body & Base	28		46				1
Square I/-4																		
157195	30/10/2014	15630	2a	Nile	1.1	NB2	red slp 1 & cr slip 3	7	Bread platter	SE 13.3	Rim	28	5-6	74	18	8.5	Mo33?	1

Reg. no. / Alt. no.	Date excav.	Unit	Phase	Clay	Fabric	Vienna	Style	Group	Sub-Group	Type	Part	Diam. (cm)	%	Height (mm)	Width 1 (mm)	Width 2 (mm)	Rim type	Count
157196	30/10/2014	15630	2a	Nile	1.5	NB2	red slp 1	6	Shallow bowl	SE 9.2	Rim	35	8	61	14	11	G012	1
157197	30/10/2014	15630	2a	Nile	1.1	NB2	red slp 1	15	Shallow bowl	SH 2.1	Rim	26	7	36	13	6.5	F141	1
157198	30/10/2014	15630	2a	Nile	1.1	NB2	red slp in 1	5	Bowl simple rim and flat base	SD 1.5	Rim	28	6	43	6	6	C004	1
157199	30/10/2014	15630	2a	Marl	III.2	MD	N/A	21	Egyptian amphora	ME 3.6	Base	4	100	32	18	14		1
157200	30/10/2014	15630	2a	Marl	III.2	MD	Cr Sl 3	22	Shallow bowl	MF 9.2A	Rim	16	10	13	12	3	J032	1
157201	30/10/2014	15630	2a	Nile	1.1	NB2	red sl 1	19?	Zir	SG 1.1/1.2	Base							1
157202	30/10/2014	15630	2a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 3.1	Rim	20	7	13	6	5	D012	1
157203	30/10/2014	15630	2a	Nile	1.5	NB2	1	6	Shallow bowl	SD 2.5	Rim	28	2	30	12	11	G017	1
157204	30/10/2014	15630	2a	Nile	1.3	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.1	Rim	23	5.5	25	7	7	C017	1
157205	30/10/2014	15630	2a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.1	Rim	24	4	12	6	6	C24	1
157206	30/10/2014	15630	2a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 3.3	Rim	21	3	12	6	6	D013	1
157207	30/10/2014	15630	2a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.2	Rim	18	4	18	8.5	7	C006	1
157208	30/10/2014	15630	2a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.1	Rim	19	2	20	8	7	C007	1
157209	30/10/2014	15630	2a	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.1	Rim	19	2	16	6	6	D022?	1
157261	09/11/2014	15783	2a	Nile	1.3	NB2	black on red	17	Biconical jars with simple rim	SH 9.5	Rim	21	10	72	10	7	A045	5
CC-150	08/11/2014	15774	2a	Nile	1.1	NB2	red sl 3	5?	Bowl simple rim and flat base		Base							1
CC-161	23/10/2014	15628	2a	Marl	III.2	MD	Cr Sl 3	21	Egyptian amphora	MF 5.2	Base	57	100	96	21.5	18		1
157291	23/10/2014	15628	2a	Import	Memphis H8/ iii.9 or <i>maybe</i> Canaanite	Canaanite?	unsl 1	20/22	Canaanite amphora	NA 3.4.684?	Hndl					B:6		1
CC-163	23/10/2014	15628	2a	Nile	1.1	NB2	unsl 1	18	Beer jar	SE 1.1	Base	4.4	50		13	7		1
CC-164	23/10/2014	15628	2a	Nile	1.1	NB2	red sl & burnished -2	3	Heavy vert wall bowl	SD 1.8	Rim	30	6	66	15.5	11.5	G007	1
157294	23/10/2014	15628	2a	Nile	1.3	NB2	red sl 2	3	Heavy vert wall bowl	SD 2.5	Rim	35	4	65.5	12	11	G018	1
157295	23/10/2014	15628	2a	Nile	1.5	NB2	red sl 2	3	Heavy vert wall bowl	SD 2.2	Rim	35	7	64	15	10.5	G079	1
157296	23/10/2014	15628	2a	Nile	1.1	NB2	unsl 1	6	Bowl with out-turned rim	SD 7.9	Rim	20	7	27	11	5.5	K014	1
157297	23/10/2014	15628	2a	Nile	1.1	NB2	unsl 1	6	Bowl with out-turned rim	SD 7.9	Rim	19	4	66	10	9	K014	1
157298	23/10/2014	15628	2a	Nile	1.3	NB2	Wh o red sl 6	16	Zir	SH 10.1	Rim	21	3	111	15	7.5	F118	1
CC-170	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	8	Cooking bowl	SD 1.5	Rim	21	12	57	6	6	C017	1
CC-171	23/10/2014	15628	2a	Nile	1.1	NB2	Wh o red sl 6	16	Zir	SH 10.1	Rim	20	5	32	14	7.5	F118	1
CC-172	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	18	Beer jar	SH 8.1	Rim	10	15	31	7	5	F040	1
CC-173	23/10/2014	15628	2a	Nile	1.1	NB2	unsl 1	5	Bowl simple rim and flat base	SH 7.14	Rim	27	6	21	7.5		K014	1
CC-174	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	17	Biconical jar with simple rim	SH 9.1	Rim	c12	2	38	6.5	6	A072	1
CC-175	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	8	Cooking bowl	SD 1.5	Rim	25	3	36	7	6	C24	1
CC-176	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 3.2	Rim	24	3	27	8	5	E009	1
CC-177	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	17	Biconical jar with simple rim	SH 9.1	Rim	11	15	32	8	6	A072	1
CC-178	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.1	Rim	20	3	37	6		D013	1
CC-179	23/10/2014	15628	2a	Nile	1.1	NB2	red sl & burn -2	5	Bowl simple rim and flat base	SD 1.3	Rim	x	x	13			?	1
157309	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	16	Zir	perhaps SG 1.2	Rim	10	3	23	8	6	?	1
CC-181	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.3?	Rim	17	5	23			?	1
CC-182	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.3?	Rim	12	5	18	7	6	C007	1
157312	23/10/2014	15628	2a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.3?	Rim	13	5	16	7		C24	1

Reg. no. / Alt. no.	Date excav.	Unit	Phase	Clay	Fabric	Vienna	Style	Group	Sub-Group	Type	Part	Diam. (cm)	%	Height (mm)	Width 1 (mm)	Width 2 (mm)	Rim type	Count
157344	01/11/2014	15685	1o	Nile	1.1	NB2	red sl 1	1?	Potstand	SA 1.3	Rim	x					?	1
CC-108	30/10/2014	15629	2a	Nile	1.1	NB2	Red Sl 2	5	Bowl simple rim and flat base	SD 1.1	Rim	17	2	15	6	6	Co07	1
CC-109	30/10/2014	15629	2a	Nile	1.1	NB2	Red Sl 2	5	Bowl simple rim and flat base	SD 1.1	Rim	21	1	12	6	6	Co07	1
157342	06/11/2014	15769	1a	Nile	NB1		red sl 1	5	Bowl simple rim and flat base	SD 1.2	Rim	18	6	27	6		Co04	1
157343	06/11/2014	15769	1a	Nile	1.1	NB2	red sl 1	8	Cooking bowl	SD 3.2	Rim	25	4	28	6.5	6	Do13	1
Square I/-5																		
CC-145	05/11/2014	15753	2a	Nile	1.3	NB2	Wh o red sl 6	8	Cooking bowl	SD 1.4	Rim	25	3	105	11	7	Co08	1
CC-146	08/11/2014	15777	1a	Nile	1.1	NB2	Wh o red sl 6	1	Potstands	SA 3.2	Base	22	8					2
CC-147	06/11/2014	15766	1a	Nile	1.1	NB2	red sl 2	5	Bowl simple rim and flat base	SD 1.2	Rim	19	5	98	9	6	Co07	1
Square J/-2																		
157290	10/10/2017	17535	2a	Nile	NB1	NB1	Grey slip 8 & burnished	23	Jar with over-turned rim	SH 16.2	Rim	15	15	39	7	6	?	1
157301	12/10/2017	17568	1a	Nile	1.1	NB2	unsl 1	29	Bucket	SE 1.4	Rim	47	5	123	15	14	G122	1
157302	15/10/2017	17534	2a	Marl	III.8	Marl B	Cr Sl 3	21?	Egyptian amphora	New	Rim	10	3	35	8	5	?	1
Square J/-3																		
CC-162	07/10/2017	17504	2a	Nile	1.1	NB2	unsl 1	7	Carinated bowl	SE 14.1	Rim	9	12	24	6	4	?	1
CC-180	24/10/2017	17537	2a	Marl	III.5	Marl D	Cr Sl 3	21	Egyptian amphora	ME 3.6	Hndl							1
Square J/-4																		
CC-134	30/10/2014	15678	1a	Marl	III.2	MD	Cr sl 3	21	Egyptian amphora	ME 3.4	Hndl							1
CC-135	30/10/2014	15678	1a	Marl	III.2	MD	Cr sl 3	21	Egyptian amphora	ME 3.4	Base							1
CC-136	30/10/2014	15678	1a	Nile	1.1	NB2	Red rim stripe 7	6	Bowl with out-turned rim	SD 7.6	Rim	20	10	41	6.5	6	Ko61	1
CC-137	30/10/2014	15678	1a	Nile	1.1	NB2	red sl 3	8	Cooking bowl	SD 3.1	Rim	25	6	40	8	7	Do04	1
CC-138	30/10/2014	15678	1a	Nile	1.1	NB2	red sl 3	5	Bowl simple rim and flat base	SD 1.2	Rim	20	2	15	6		C24	1
CC-142	01/11/2014	15679	1a	Marl	III.8	MB	Cr Sl 3	5	Bowl simple rim and flat base	MC 2.2	Rim	21	7	30.5	6	5	Co10	1
157347	05/11/2014	15704	1o	Nile	1.1	NB2	unsl 1	5	Bowl simple rim and flat base	SD 1.2	Rim	21	3	21.5	7		Do18	1
Squares K/-2 and K/-3																		
157300	16/10/2017	17577	2e	Nile	1.1	NB2	white wash	17	Biconical jar with simple rim	SH 9.4/5	Rim	34	9	102	14	8	Ao53	1
157303	12/10/2017	17509	2a	Nile	1.5	NC	unsl 1	31	Anything else	New	Base	15?						1
157304	11/10/2017	17595	1o	Import	Black Ring Ware?	Black Ring Ware?	N/A		Black ring ware	N/A	Rim	7					N/A	1
157305	11/10/2017	17595	1o	Nile	1.5	NB2	unsl 1		?	?	Rim	7	15	34	14	8	?	1
175313	28/10/2017	17599	2a	Nile	1.1	NB2	unsl 1	31	Anything else	SJ 1.2	Base	2.5	100					1
Squares K/-4 and K/-5																		
CC-126	29/10/2014	15673	1a/2a	Nile	1.1	NB2	red sl 3	18	Beer jar	SH 8.1	Rim	10	5	23	7		Lo23	1
CC-127	29/10/2014	15674	1a/2a	Nile	1.1	NB2	red sl 3	17	Shallow bowl	SH 7.2	Rim	14	12	45	7.5	7	Ko68	1
CC-128	30/10/2014	15677	1a/2a	Nile	1.1	NB2	red sl 3	5	Bowl simple rim and flat base	SD 1.2	Rim	24	3	21.5	5		Do17	1
CC-129	29/10/2014	15669	1a/2a	Nile	1.1	NB2	red sl 3	11	Hearth	SD 2.5	Rim	45	6	74.5	16	11.5	Go77	1
CC-139	08/11/2014	15779	1o	Marl	III.2	MD	brown ovr Cr	21	Egyptian amphora	ME 3.5	Hndl							1
CC-144	06/11/2014	15729	1a	Nile	1.1	NB2	red sl 3	8	Cooking bowl	SD 1.5	Rim	20	4	34	7	6	Do04	1
CC-101	06/11/2014	15729	1a	Marl	III.2	MD	Cr Sl 3	21	Egyptian amphora	ME 3.6	Hndl	x	x	55.5	7			1
CC-165	16/10/2017	17614	1a	Nile	1.1	NB2	unsl 1	18	Beer jar	SH 8.1	Rim	12	12	39	13	7	Similar to Fo66	1
Square L/-2																		

Reg. no. / Alt. no.	Date excav.	Unit	Phase	Clay	Fabric	Vienna	Style	Group	Sub-Group	Type	Part	Diam. (cm)	%	Height (mm)	Width 1 (mm)	Width 2 (mm)	Rim type	Count
157295 / CC-166	15/10/2017	17610	2e	Marl	III.3	MD	Cr Sl 3	15	Hole-mouthed jar	MG 2.3	Rim	37	7	54	15	8	?	1
CC-167	15/10/2017	17610	2e	Canaanite	IV 1a	Canaanite?	Cr Sl 3	20	Canaanite amphora	NB 1.2	Hndl							1
CC-168	15/10/2017	17610	2e	Nile	1.3	NB1/B2	Cr Sl 3	7	Carinated bowl	SE 12.1	Rim	13	3	22	8		Similar to Fo24	1
157298 / CC-169	15/10/2017	17610	2e	Nile	1.5	NB2	unsl 1	3	Heavy vert wall bowl	SD 5.3	Rim	26	4	82.5	18	9	G103	1
157299	12/10/2017	17511	2e	Import	??		Grey slip 8 & burnished	35	One-handled flask	New	Rim	22	4	20	4	3.5	?	1
157306	14/10/2017	17611	2e	Nile	1.1	NB2	unsl 1	7	Carinated bowl	SE 12.3	Rim	35	15	56	12.5	11	Go63	1
157307	14/10/2017	17611	2e	Marl	III.9	Marl F	Cr Sl 3		?	?	Rim	15	25	65	14	5		1
157308	15/10/2017	17626/ 17631	1o	Canaanite	IV.9	Canaanite?	Cr Sl 3	20	Canaanite amphora	?	Hndl							1
Square L/-4																		
CC-148	09/11/2014	15785	1o	Nile	1.1	NB2	red sl 2	7	Carinated bowl	SE 11.1	Rim						?	1
157288	02/11/2014	Surface, E half of L/-4	Surface	Canaanite	III.10	Group 1, Jezreel valley S. Levant	Cr Sl 3	24	Pilgrim bottle	NB2.1	Body			44	10	7		
157289	07/10/2017	17517	2a	Nile	1.1	NB2	w o cr sl 27	12	Fancy vessel (cf. Petrie 1901)	SD 13.1	Rim		5	30	11	9		1
157345	12/11/2014	15915	2b	Nile	1.1	NB2	red sl 1	5	Bowl simple rim and flat base	SD 1.2	Rim	23	7	41	7		Do13	1

Table 5.9 Registered ceramic objects.

Object no.	Provenance	Description	Length × Width × Thickness (cm)	Diameter (cm)	Height (cm)
40346	H/-4, 15646	Fragment of base and wall (to the rim) of a shallow ceramic bowl. Red Nile silt ceramic with lime inclusions. Shallow vessel. Flat base with angular concave outer wall. Fingerprints visible along the edge of the outer base. The height of the walls is fully preserved to the rim. About 20% of diameter preserved. Walls are 4.11 cm high, measured from the outer base. Similar to object no. 40573, but they do not fit together and 40573 is slightly shallower.	8.36 × 6.69 × 1.60 (base) 1.41 (rim)	16	N/A
40352	I/-4, 15605	Wedge-shaped fragment of ceramic cylindrical vessel (?) wall. Red silt ceramic fabric.	6.45 × 2.62 × 1.44	N/A	N/A
40367	H/-4, 15646	Small vessel sherd, non-diagnostic. Possibly from the rounded base of the vessel. Made of red Nile silt. Inner surface is charred black and coated with a thin layer of whitish-buff material similar to the parting layer on the cylindrical vessel fragments. Could this fragment be from a pot used to mix the parting slip material?	3.98 × 3.29 × 1.54	N/A	N/A
40535	H/-4, 15646	Fragment of ceramic miniature vessel. Thick-bottomed and thin-walled. Made of red Nile silt. Very rounded bottom with a small lump of ceramic on the bottom. Scoop-shaped inner impression. The walls are broken off on all sides. No traces of residue. Recess dimensions: 3.40 cm (L) × 2.30 cm (W) × 1.20 cm (deep).	4.14 × 3.74 × 2.2	N/A	N/A
40573	H/-4, 15762	Fragment of base and wall (to the rim) of a shallow ceramic bowl. Red Nile silt ceramic. Flat base with angular concave outer wall. Fingerprint impressions visible along the edge of the outer base. The walls are fully preserved to the rim. Walls are 3.95 cm high from the base. Similar to object no. 40346 (but they do not fit together and 40346 is slightly deeper).	6.68 × 6.16 × 1.65 (base) 1.25 (rim)	N/A	N/A
40653	H/-4, 15788	Ceramic water jar found <i>in situ</i> . Rim has broken away entirely. A small strip of oxidized metal is visible on the outer (upper) wall – 1.2 cm (L) × 0.4 cm (W).	N/A	35	40–42
40971	H/-4, 15762	Non-diagnostic potsherd.	N/A	N/A	N/A
41028	I/-3, 15914	Fragment of the base of a ceramic bowl of Nile silt, probably a spinning bowl. A loop from the same ceramic material has been attached to the inner surface of the base. Some linear incisions can be made out towards the top of the loop, indicating that a thread had been passed through this area, abrading the ceramic fabric. Dimensions of the loop: L=5.23 cm, H=4.06 cm, T=1.60 cm, B=2.80 cm. About 20% of base preserved.	9.2 × 8.6 × 0.82	c.8	N/A
41029	I/-3, 15914	Fragment from a ceramic miniature vessel. Red Nile clay fabric with a yellow slip. Approximately 33% remains. One end is narrower with a downward slope at the end. This then widens into a scoop shape. A tiny handle has been attached to the outer surface (1.4 cm long × 0.4 cm wide with a very small opening). The interior is blackened.	8 × 2.5–3.9 × 1	N/A	N/A
41046	J/-4, 15662	Non-diagnostic potsherd, towards base of vessel.	3.7 × 2.65 × 1.4	N/A	N/A
41070	H/-4, 15782	Sherd of a vessel. Non-diagnostic.	7.05 × 6.6 × 0.60–1.10	N/A	N/A
41679	I/-2, 17569	Non-diagnostic potsherd.	2.9 × N/A × 1.6	N/A	1.6
41681	I/-3, 17633	Non-diagnostic wall sherd, or maybe base fragment. Ceramic material is blackened, but not vitrified. Small speck of red material visible, possibly pigment.	N/A × 1.85 × 1.3	N/A	1.4
41683	L/-4, 17517	Potsherd from what appears to be a Nile silt bowl, somewhat thin, but with a layer of foamy, possibly baked clay adhering to the inside.	4.3 × 2.9 × total: 1.3, ceramic: 0.8, baked clay: 0.5	N/A	N/A

Object no.	Provenance	Description	Length × Width × Thickness (cm)	Diameter (cm)	Height (cm)
41685	H/-2, 17565	Fragment (non-diagnostic, but either base or wall) of a vessel. Blackened.	3.7 × 3.5 × 1.45	N/A	N/A
41698	L/-2, 17611	Potsherd, possibly partially vitrified, blackened.	N/A × 2.7 × 1.4	N/A	2.1
41762	Old spoil heap to the SE of site	Wall fragment (of a cylindrical vessel?). Weathered.	6.5 × N/A × 1.75	N/A	5.15
41769	L/-4, 17517	Very small fragment of Mycenaean pottery. Orange-red with buff-coloured stripes. Very fine ware, thin fragment. Non-diagnostic.	1 × 0.7 × 0.15	N/A	N/A
42030	L/-3, 17752	Almost complete blue-painted pottery vessel. Nile clay. Water jar. Rim is missing, because the jar was found sunk into the ground, the rim being lined with clay, but probably protruding. Decorated with leaf pattern in blue and red.	N/A × 22.5–c.43.5 × walls: 1.1	Neck: c.24 cm, max. 44 cm	47.5
41684i + ii	H/-2, 17506	Two sherds of either an industrial vessel or a cooking bowl. Blackened with distinct sections of burning. Both fragments are non-diagnostic.	i: 5.6, ii: 5.7 × N/A × i: 1.1, ii: 1.3	N/A	i: 4, ii: 2.5
41950i + ii	I/-2, 17550	Two potsherds. Both sherds are non-diagnostic. Both are blackened. Inside of ii is coated with charcoal.	i: 3.1, ii: 3.1 × i: 2.3, ii: 2.2 × i: 0.8, ii: 0.75	N/A	N/A

CHAPTER 6: WOOD CHARCOAL

Table 6.4 Results of the wood anatomical analyses, autumn seasons 2019 and 2022.

*Main fragment size(s) and occurrence of large fragments given in letters; size range of fragments in mm.

**With information on flotation number, type of fraction, sample number, soil volume/weight of the content/size range of fragments in mm and of those of the examined amount.

***Listed are the count values for the first occurrence of the respective taxa in a sample. The counting of the charcoal pieces was carried out without putting them back to the total amount.

****The values given for different pieces are separated by a semicolon. Where the same value(s) applies/apply also to another piece/other pieces, the number of times is shown in brackets.

Explanations of the abbreviations and comments: h/d: hand-picking, dry-sieving, d: dry-sieving, fl: flotation; s: small, m: medium–large, l: large; b: bone, d: dung, f/s: fruit/seed, h: herbaceous plant, w: wood; DS: dry-sieved, LF: light fraction, HR: heavy residue; Ac1: *Acacia nilotica*-type, Ac2: *Acacia* sp., Ced: *Cedrus libani*, Chen: *Chenopodiaceae*, Faid: *Faidherbia albida*, Fic: *Ficus sycomorus*, Mim: *Mimusops* sp., Palm: *Palmae*, Pin: *Pinus* sp., Prun: *Prunus* sp., Quer: *Quercus* sp., Sal: *Salix* sp., Salv: *Salvadora persica*, Tam: *Tamarix* sp., Ziz: *Ziziphus spina-christi*, con: coniferous charcoal; lprl: largest preserved radius length; scal. perf. pls.: scalariform perforation plates; perf. pls. not obs.: perforation plates not observed; flotation samples: *Acacia* sp. is used for fragments where the transverse break is too small to see much of the axial parenchyma distribution; o: uncharred, x: slightly charred, xxx: with uncharred traces; uncharred, slightly charred wood: dimensions: length measured with the grain; r: radius, d: diameter, where not mentioned, pieces without bark; the values for pieces with a preserved segment of the circumference are from classes, r: intervals of 5 mm; without the remains of bark, the radius and circumference may not be the actual original sizes; rd: reduced (documentation of the sample content): the volume of the different portions was not measured, pieces with preserved radius/diameter/segment of a circumference were not recorded.

a) Phase 0

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
0/n; M50.14	K/-2, 17692	22.10.17; 22.10.22	h/d	m; 8–25 mm		1 (Ac1), 2 (Tam), 18 (Fic), 68 (Ac2)	<i>Acacia nilotica</i> -type: 73 pcs, 12.6 g (lprl: 22 mm), <i>Acacia</i> sp.: 1 pc, 0.2 g, <i>Ficus sycomorus</i> : 1 pc, 0.1 g, <i>Tamarix</i> sp.: 12 pcs, 2.1 g, total: 87 pcs, 15.0 g		rd
0/n / II/e; M50.14	G/-2, [17754]	31.10.17; 26.09.22	h/d	m; 13 mm			<i>Acacia nilotica</i> -type: 1 pc, 0.1 ml, 0.1 g (lprl: 12 mm)		
0/o; M50.15	I/-2, (17732)	29.10.17; 30.10.22	h/d	m (l); 10–60 mm	d, b	1 (Ac1), 2 (Tam), 179 (Ac2), 202 (Ced), 232 (Mim), 244 (Fic)	<i>Acacia nilotica</i> -type: 177 pcs, 86.3 g (lprl: 60 mm), <i>Acacia</i> sp.: 1 pc, 0.4 g, <i>Cedrus libani</i> : 1 pc, 0.2 g, <i>Ficus sycomorus</i> : 1 pc, 0.1 g, <i>Mimusops</i> sp.: 1 pc, 0.1 g, <i>Tamarix</i> sp.: 47 pcs, 15.3 g, indet.: 5 pcs, 1.1 g, total: 233 pcs, 103.5 g / animal dung (fragment, charred): 1 pc, 1.2 g (17 × 17 × 11 mm) / animal bone (fragment, charred): 1 pc, 1.2 g (28 × 17 × 5 mm)		rd
0/o; M50.15	I/-2, (17732)	30.10.17; 29.10.22	h/d	m (l); 12–52 mm	d, b	1 (Ac1), 3 (Tam), 29 (Fic)	<i>Acacia nilotica</i> -type: 72 pcs, 37.1 g (lprl: 42 mm), <i>Ficus sycomorus</i> : 1 pc, 0.2 g, <i>Tamarix</i> sp.: 33 pcs, 11.5 g, indet.: 3 pcs, 2.2 g, bark: 1 pc, 0.1 g, total: 110 pcs, 51.1 g / animal dung (fragment, charred): 1 pc, 1.5 g (23 × 18 × 11 mm) / animal bone (fragment, charred, in part calcined): 1 pc, 0.4 g (15 × 9 × 4 mm)		rd
0/o; M50.15	I/-2, (17740)	30.10.17; 22.10.22	h/d	m; 14–28 mm	b	1 (Ac1), 4 (Mim), 6 (Tam), 17 (Ac2)	<i>Acacia nilotica</i> -type: 23 pcs, 10.7 g (lprl: 28 mm), <i>Acacia</i> sp.: 1 pc, 0.4 g, <i>Mimusops</i> sp.: 2 pcs, 1.2 g, <i>Tamarix</i> sp.: 5 pcs, 2.0 g, total: 31 pcs, 14.3 g / animal bone (fragment, charred): 1 pc, 0.8 g (27 × 9 × 6 mm)		rd
0/o; M50.15	J/-2, (17634)	17.10.17; 22.10.22	h/d	m; 8–27 mm	h	1 (Tam), 3 (Ac1), 11 (Ac2)	<i>Acacia nilotica</i> -type: 25 pcs, 5.5 g (lprl: 21 mm), <i>Acacia</i> sp.: 2 pcs, 0.4 g, <i>Tamarix</i> sp.: 4 pcs, 1.4 g, bark: 1 pc, 0.1 g, total: 32 pcs, 7.4 g / herbaceous plant: stem (fragment, charred): 1 pc, 0.1 g (19 × 4 × 4 mm)		rd
0/o; M50.15	J/-2, (17732)	28.10.17; 23.10.22	h/d	m (l); 9–39 mm	w, b	1 (Ac1), 3 (Tam), 43 (Faid), 44 (Mim), 64 (Ac2)	<i>Acacia nilotica</i> -type: 53 pcs, 32.5 g (lprl: 37 mm), <i>Acacia</i> sp.: 2 pcs, 0.2 g, <i>Faidherbia albida</i> : 1 pc, 0.2 g, <i>Mimusops</i> sp.: 1 pc, 0.1 g, <i>Tamarix</i> sp.: 29 pcs, 8.8 g, indet.: 1 pc, 0.6 g, total: 87 pcs, 42.4 g / uncharred, slightly charred: <i>Cedrus libani</i> : 1 pc, 0.1 g (o) (with an orientation oblique to the growth rings, 27 × 12 × 4 mm) / animal bone (fragments, charred): 3 pcs, 1.2 g (13 × 7 × 3 mm, 17 × 10 × 5 mm, 18 × 8 × 7 mm)		rd
0/o; M50.15	J/-2 / I/-2, (17635)	18.10.17; 05.10.22	h/d	m, s; 6–17 mm		1 (Ac1), 3 (Fic), 14 (Tam)	<i>Acacia nilotica</i> -type: 12 pcs, 2.0 ml, 1.1 g (lprl: 17 mm), <i>Ficus sycomorus</i> : 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 1 pc, 0.1 ml, 0.1 g, total: 14 pcs, 2.2 ml, 1.3 g	Tam: d: 7 mm	
0/o; M50.15	J/-3 / J/-2, (17693)	22.10.17; 22.10.22	h/d	m, s; 6–25 mm		1 (Ac1), 6 (Tam), 15 (Fic), 23 (Ac2), 37 (Palm)	<i>Acacia nilotica</i> -type: 39 pcs, 8.3 g (lprl: 21 mm), <i>Acacia</i> sp.: 1 pc, 0.2 g, <i>Ficus sycomorus</i> : 1 pc, 0.1 g, <i>Palmae</i> , scal. perf. pls.: 2 pcs, 0.1 g, <i>Tamarix</i> sp.: 15 pcs, 1.2 g, indet.: 1 pc, 0.1 g, bark: 1 pc, 0.1 g, total: 60 pcs, 10.1 g		rd

b) Phase I

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/c (I/o); M50.15	J/-2, (17734)	29.10.17; 01.10.22	h/d	m; 12–24 mm	f/s	1 (Ac1), 4 (Tam)	<i>Acacia nilotica</i> -type: 15 pcs, 11.5 ml, 5.1 g (lprl: 22 mm) (1-xxx), <i>Tamarix</i> sp.: 4 pcs, 2.9 ml, 1.2 g, total: 19 pcs, 14.4 ml, 6.3 g / <i>Phoenix dactylifera</i> -seeds (complete, charred): 2 pcs, 0.5 ml, 0.4 g (14 × 5 × 5 mm, 15 × 6 × 6 mm)	Tam: d: 15 mm, r: 7, 8 mm (with bark); circumference: r: 10 mm (without bark)	
I/o; M50.14	G/-3, 15798	10.11.14; 02.11.19	h/d	m; 18 mm			<i>Acacia nilotica</i> -type: 1 pc, 0.8 ml, 0.3 g (lprl: 7 mm)		
I/o; M50.14	G/-3, 15800	10.11.14; 03.11.19	h/d	m; 21–26 mm	d	1 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 2 pcs, 5.5 ml, 3.1 g (lprl: 17 mm), <i>Tamarix</i> sp.: 1 pc, 1.2 ml, 0.5 g, total: 3 pcs, 6.7 ml, 3.6 g / <i>animal dung</i> (fragment, charred): 1 pc, 1.6 ml, 1.1 g (18 × 14 × 11 mm)	Ac1: circumference: r: 15 mm	
I/o; M50.14	G/-3, 15800	11.11.14; 03.11.19	h/d	m; 13–23 mm	d		<i>Acacia nilotica</i> -type: 3 pcs, 2.2 ml, 1.3 g (lprl: 12 mm) / <i>animal dung</i> (fragments, charred): 2 pcs, 1.0 ml, 0.5 g (12 × 12 × 8 mm, 15 × 11 × 7 mm)		
I/o; M50.14	H/-4, (15762)	06.11.14; 15./16.10.22	h/d	m; 9–30 mm	b	1 (Ac1), 6 (Bal), 7 (Ced), 9 (Tam), 42 (Faid), 84 (Palm)	<i>Acacia nilotica</i> -type: 92 pcs, 53.0 ml, 26.0 g (lprl: 29 mm), <i>Balanites aegyptiaca</i> : 1 pc, 0.9 ml, 0.6 g, <i>Cedrus libani</i> : 3 pcs, 2.4 ml, 0.8 g, <i>Faidherbia albida</i> : 2 pcs, 0.8 ml, 0.2 g, <i>Palmae</i> , perf. pls. not obs.: 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 26 pcs, 12.0 ml, 4.5 g, total: 125 pcs, 69.2 ml, 32.2 g / <i>animal bone</i> (fragment, unburnt): 1 pc, 0.3 ml, 0.8 g (28 × 8 × 6 mm) / <i>furnace debris</i> : grey material (with enclosed gas bubbles of various sizes): 1 pc, 0.1 ml, 0.3 g (12 × 8 × 5 mm), <i>fragment with quartz grains melted together</i> : 1 pc, 0.1 ml, 0.2 g (9 × 9 × 7 mm)	Ac1: r: 11, 13 mm; d: 15 mm, r: 7, 8 mm; circumference: r: 20 mm (3×)	
I/o; M50.14	H/-4, (15762)	08.11.14; 13.10.22	h/d	m; 11–27 mm		1 (Ac1), 10 (Tam)	<i>Acacia nilotica</i> -type: 16 pcs, 18.0 ml, 8.6 g (lprl: 25 mm), <i>Tamarix</i> sp.: 10 pcs, 3.5 ml, 1.4 g, total: 26 pcs, 21.5 ml, 10.0 g	Ac1: circumference: r: 20 mm; Tam: r: 10 mm	
I/o; M50.14	H/-4, (15762)	12.11.14; 13.10.22	h/d		d		no wood charcoal / <i>animal dung</i> (fragment, charred): 1 pc, 1.5 ml, 1.1 g (20 × 20 × 9 mm)		
I/o; M50.14	H/-4, (15792)	10.11.14; 13.10.22	h/d	m; 15 mm			<i>Salix</i> sp.: 1 pc, 0.8 ml, 0.1 g		
I/o; M50.14	H/-5, (15786)	09.11.14; 19.10.19	h/d	m; 14–18 mm			<i>Acacia nilotica</i> -type: 4 pcs, 2.5 ml, 1.3 g (lprl: 13 mm)		
I/o; M50.14	J/-5, (17621)	15.10.17; 05.10.22	h/d	m; 8–21 mm		1 (Ac1), 2 (Tam)	<i>Acacia nilotica</i> -type: 7 pcs, 2.0 ml, 1.0 g (lprl: 10 mm), <i>Tamarix</i> sp.: 2 pcs, 0.3 ml, 0.1 g, total: 9 pcs, 2.3 ml, 1.1 g		
I/o; M50.14	J/-5, (17621)	26.10.17; 06.10.22	h/d	s, m; 4–26 mm	d	1 (Ac1), 12 (Tam)	<i>Acacia nilotica</i> -type: 83 pcs, 20.0 ml, 8.8 g (lprl: 25 mm), <i>Tamarix</i> sp.: 37 pcs, 3.8 ml, 1.2 g, <i>indet.</i> : 11 pcs, 0.9 ml, 0.3 g, <i>bark</i> : 4 pcs, 0.3 ml, 0.1 g, total: 135 pcs, 25.0 ml, 10.4 g / <i>animal dung</i> (fragment, charred): 1 pc, 0.1 ml, 0.1 g (8 × 7 × 4 mm)	Ac1: circumference: r: 15 mm; 20 mm; Tam: r: 5 mm (with bark); 8 mm (without bark); circumference: r: 10 mm	
I/o; M50.14	K/-2, 17595	11.10.17; 31.10./01.11.22	h/d	m (l); 9–49 mm	d	1 (Ac1), 3 (Tam), 18 (Ced), 42 (Ac2), 45 (Fic), 333 (Mim)	<i>Acacia nilotica</i> -type: 295 pcs, 143.6 g (lprl: 45 mm), <i>Acacia</i> sp.: 3 pcs, 0.7 g, <i>Cedrus libani</i> : 4 pcs, 1.3 g, <i>Ficus sycomorus</i> : 3 pcs, 0.7 g, <i>Mimusops</i> sp.: 2 pcs, 0.6 g, <i>Tamarix</i> sp.: 78 pcs, 25.3 g, <i>indet.</i> : 10 pcs, 4.1 g, <i>bark</i> : 7 pcs, 1.4 g, total: 402 pcs, 177.7 g / <i>animal dung</i> (fragment, charred): 1 pc, 0.6 g (15 × 14 × 7 mm)		rd
I/o; M50.14	K/-2, 17595	18.10.17; 01./02.11.22	h/d; Bag 2/2	m, s (l); 7–53 mm	b	1 (Tam), 2 (Ac1), 16 (Fic), 18 (Pin), 29 (Ac2), 38 (Olea), 39 (Mim), 217 (Palm), 286 (Faid), 521 (Bal), 546 (Quer)	<i>Acacia nilotica</i> -type: 417 pcs, 132.5 g (lprl: 51 mm), <i>Acacia</i> sp.: 5 pcs, 1.5 g, <i>Balanites aegyptiaca</i> : 1 pc, 0.1 g, <i>Faidherbia albida</i> : 2 pcs, 0.1 g, <i>Ficus sycomorus</i> : 10 pcs, 2.1 g, <i>Mimusops</i> sp.: 3 pcs, 0.9 g, <i>Olea europaea</i> : 1 pc, 0.8 g (15 × 20 × 12 mm), <i>Palmae</i> , perf. pls. not obs.: 2 pcs, 0.2 g, <i>Pinus</i> sp., <i>window-like pits</i> : 5 pcs, 0.9 g, <i>Quercus</i> sp., <i>evergreen</i> : 1 pc, 0.1 g, <i>Tamarix</i> sp.: 119 pcs, 30.5 g, <i>indet.</i> : 10 pcs, 1.6 g, <i>bark</i> : 10 pcs, 0.9 g, total: 586 pcs, 172.2 g / <i>animal bone</i> (fragments, charred): 2 pcs, 3.1 g (12 × 9 × 6 mm, 47 × 9 × 7 mm)		rd
I/o; M50.14	K/-2, 17595	25.10.17; 30.10.22	h/d	m; 9–31 mm		1 (Ac1), 2 (Tam), 61 (Ac2), 72 (Faid), 94 (Palm), 186 (Pin)	<i>Acacia nilotica</i> -type: 175 pcs, 55.4 g (lprl: 30 mm), <i>Faidherbia albida</i> : 1 pc, 0.1 g, <i>Palmae</i> , perf. pls. not obs.: 1 pc, 0.2 g, <i>Pinus</i> sp., <i>window-like pits</i> : 2 pcs, 0.1 g, <i>Tamarix</i> sp.: 29 pcs, 8.0 g, <i>indet.</i> : 6 pc, 1.4 g, <i>bark</i> : 1 pc, 0.1 g, total: 215 pcs, 65.3 g		rd
I/o; M50.14	K/-4, 15685	01.11.14; 26./27.10.19	h/d	m; 7–26 mm	f/s	1 (Tam), 2 (Mim), 4 (Ac2), 46 (Ced), 49 (Fic)	<i>Acacia nilotica</i> -type: 86 pcs, 40.0 ml, 18.8 g (lprl: 17 mm), <i>Acacia</i> sp.: 3 pcs, 3.3 ml, 1.7 g, <i>Cedrus libani</i> : 2 pcs, 0.5 ml, 0.1 g, <i>Ficus sycomorus</i> : 1 pc, 0.6 ml, 0.1 g, <i>Mimusops</i> sp.: 2 pcs, 2.5 ml, 1.4 g, <i>Tamarix</i> sp.: 21 pcs, 12.0 ml, 5.1 g, <i>indet.</i> : 3 pcs, 2.1 ml, 1.2 g, total: 118 pcs, 61.0 ml, 28.4 g / <i>Hyphaene thebaica</i> -endocarp (fragment, charred): 1 pc, 0.9 ml, 0.6 g (17 × 14 × 6 mm, thickness: wall)		
I/o; M50.14	K/-4, 15685	02.11.14; 26.10.19	h/d	m; 8–29 mm		1 (Ac1), 6 (Mim), 7 (Tam), 17 (Ac2)	<i>Acacia nilotica</i> -type: 28 pcs, 22.0 ml, 12.0 g (lprl: 18 mm), <i>Acacia</i> sp.: 1 pc, 0.5 ml, 0.2 g, <i>Mimusops</i> sp.: 1 pc, 0.5 ml, 0.2 g, <i>Tamarix</i> sp.: 3 pcs, 3.0 ml, 1.1 g, <i>indet.</i> : 1 pc, 0.4 ml, 0.1 g, total: 34 pcs, 26.4 ml, 13.6 g	Tam: r: 16 mm	
I/o; M50.14	K/-4, 15687	02.11.14; 27./28.10.19	h/d	m (l); 8–46 mm		1 (Ac1), 6 (Tam), 11 (Mim), 18 (Ac2), 27 (Fic)	<i>Acacia nilotica</i> -type: 100 pcs, 78.0 ml, 37.8 g (lprl: 24 mm), <i>Acacia</i> sp.: 2 pcs, 6.0 ml, 3.1 g, <i>Ficus syco-</i> <i>morus</i> : 1 pc, 0.5 ml, 0.1 g, <i>Mimusops</i> sp.: 3 pcs, 2.8 ml, 1.5 g, <i>Palmae</i> , <i>scal.</i> perf. pls.: 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 19 pcs, 9.0 ml, 3.5 g, <i>bark</i> : 1 pc, 0.2 ml, 0.1 g, total: 127 pcs, 96.7 ml, 46.2 g		
I/o; M50.14	K/-4, (15779)	08.11.14; 26.10.19	h/d	m, s; 6–34 mm		1 (Ac1), 31 (Tam), 37 (Fic), 53 (Ac2), 61 (Faid)	<i>Acacia nilotica</i> -type: 62 pcs, 33.0 ml, 16.6 g (lprl: 20 mm), <i>Acacia</i> sp.: 1 pc, 0.3 ml, 0.1 g, <i>Faidherbia albida</i> : 1 pc, 0.1 ml, 0.1 g, <i>Ficus sycomorus</i> : 1 pc, 0.5 ml, 0.1 g, <i>Tamarix</i> sp.: 8 pcs, 1.4 ml, 0.6 g, <i>bark</i> : 3 pcs, 0.3 ml, 0.1 g, total: 76 pcs, 35.6 ml, 17.6 g	Ac1: circumference: r: 10 mm	

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/o; M50.14	L/-2, 17626	29.10.17; 31.10.22	h/d	m, s; 8–28 mm	f/s, h, d	1 (Ac1), 2 (Tam), 4 (Faid), 28 (Ced), 48 (Fic), 188 (Ac2), 329 (Mim)	<i>Acacia nilotica</i> -type: 425 pcs, 80.0 g (lprl: 25 mm), <i>Acacia</i> sp.: 4 pcs, 0.9 g, <i>Cedrus libani</i> : 2 pcs, 0.2 g, <i>Faidherbia albida</i> : 2 pcs, 0.3 g, <i>Ficus sycomorus</i> : 4 pcs, 0.4 g, <i>Mimusops</i> sp.: 2 pcs, 0.1 g, <i>Tamarix</i> sp.: 83 pcs, 13.0 g, indet.: 18 pcs, 2.4 g, bark: 3 pcs, 0.4 g, total: 543 pcs, 97.7 g / <i>Hyphaene thebaica</i> -endocarp (fragment, charred): 1 pc, 0.1 g (17 × 9 × 3 mm, thickness: wall) / herbaceous plant: stem (fragment, charred): 1 pc, 0.1 g (17 × 6 × 5 mm) / animal dung (fragment, charred): 1 pc, 0.1 g (14 × 7 × 4 mm) / furnace debris: grey material (with enclosed gas bubbles of various sizes): 1 pc, 0.5 g (11 × 11 × 9 mm)		rd
I/o; M50.14	L/-2, 17626	30.10.17; 22.10.22	h/d	m, s; 7–31 mm		1 (Ac1), 3 (Fic), 4 (Tam), 7 (Faid), 18 (Ac2)	<i>Acacia nilotica</i> -type: 118 pcs, 20.1 g (lprl: 22 mm), <i>Acacia</i> sp.: 3 pcs, 0.4 g, <i>Faidherbia albida</i> : 1 pc, 0.2 g, <i>Ficus sycomorus</i> : 3 pcs, 0.5 g, <i>Tamarix</i> sp.: 33 pcs, 4.9 g, indet.: 2 pcs, 0.5 g, bark: 9 pcs, 0.9 g, total: 169 pcs, 27.5 g		rd
I/o; M50.14	L/-2, 17710	26.10.17; 24.10.22	h/d	m; 9–37 mm		1 (Ac1), 6 (Tam), 21 (Ac2), 93 (Fic), 224 (Palm), 248 (Sal), 263 (Ziz), 279 (Faid)	<i>Acacia nilotica</i> -type: 219 pcs, 77.0 g (lprl: 32 mm), <i>Acacia</i> sp.: 7 pcs, 1.9 g, <i>Faidherbia albida</i> : 1 pc, 0.1 g, <i>Ficus sycomorus</i> : 1 pc, 0.1 g, <i>Palmae</i> , perf. pls. not obs: 1 pc, 0.1 g, <i>Salix</i> sp.: 1 pc, 0.1 g, <i>Tamarix</i> sp.: 49 pcs, 13.8 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.1 g, indet.: 10 pcs, 2.6 g, bark: 5 pcs, 1.2 g, total: 295 pcs, 97.0 g	among them: Ac1: r: 37 mm (at lower end not complete); circumference: r: 20 mm	rd
I/o; M50.14	L/-2, 17711	28.10.17; 31.10.22	h/d	m, s (l); 7–44 mm	f/s, h, d	1 (Ac1), 7 (Tam), 11 (Ac2), 29 (Ced), 36 (Mim), 51 (Fic), 144 (Faid), 242 (Palm)	<i>Acacia nilotica</i> -type: 392 pcs, 103.5 g (lprl: 36 mm), <i>Acacia</i> sp.: 3 pcs, 0.7 g, <i>Cedrus libani</i> : 3 pcs, 0.5 g, <i>Faidherbia albida</i> : 1 pc, 0.1 g, <i>Ficus sycomorus</i> : 5 pcs, 0.4 g, <i>Mimusops</i> sp.: 5 pcs, 2.2 g, <i>Palmae</i> , scal. perf. pls.: 2 pcs, 0.1 g, <i>Tamarix</i> sp.: 78 pcs, 10.3 g, indet.: 8 pcs, 1.9 g, bark: 8 pcs, 1.6 g, total: 505 pcs, 121.3 g / <i>Phoenix dactylifera</i> -seed (fragment, charred): 1 pc, 0.1 g (9 × 6 × 5 mm) / herbaceous plant: stem (fragment, charred): 1 pc, 0.1 g (15 × 7 × 4 mm) / animal dung (fragments, charred): 2 pcs, 1.0 g (10 × 9 × 3 mm, 20 × 16 × 6 mm)		rd
I/o; M50.14	L/-3, (17591)	11.10.17; 08./09.10.22	h/d	m, s; 7–27 mm		1 (Ac1), 3 (Tam), 4 (Fic), 97 (Palm)	<i>Acacia nilotica</i> -type: 77 pcs, 23.0 ml, 10.3 g (lprl: 27 mm), <i>Ficus sycomorus</i> : 3 pcs, 0.7 ml, 0.2 g, <i>Palmae</i> , perf. pls. not obs.: 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 25 pcs, 9.0 ml, 3.3 g, indet.: 6 pcs, 0.6 ml, 0.2 g, bark: 2 pcs, 0.2 ml, 0.1 g, total: 114 pcs, 33.6 ml, 14.2 g	Ac1: r: 9, 11 mm; Tam: r: 6, 7 mm; d: 4, 5 mm (in part with bark); 4, 5 mm (without bark); 9, 11 mm; d: 13 mm, r: 7, 8 mm; circumference: r: 10 mm	
I/o; M50.14	L/-3, (17591)	21.10.17; 04.10.22	h/d	m; 11, 16 mm (2×)			<i>Acacia nilotica</i> -type: 3 pcs, 1.5 ml, 0.5 g (lprl: 14 mm)		
I/o; M50.14	L/-3, (17592)	11.10.17; 08.10.22	h/d	m; 7–25 mm		1 (Ac1), 2 (Tam), 27 (Faid)	<i>Acacia nilotica</i> -type: 32 pcs, 11.0 ml, 5.1 g (lprl: 24 mm), <i>Faidherbia albida</i> : 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 8 pcs, 3.4 ml, 1.2 g, indet.: 4 pcs, 0.8 ml, 0.2 g, total: 45 pcs, 15.4 ml, 6.6 g	indet.: d: 5, 6 mm	
I/o; M50.14	L/-3, (17592)	21.10.17; 05.10.22	h/d	m; 8–22 mm		1 (Palm), 2 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 16 pcs, 2.0 ml, 0.8 g (lprl: 12 mm), <i>Palmae</i> , scal. perf. pls.: 1 pc, 1.2 ml, 0.2 g, <i>Tamarix</i> sp.: 1 pc, 0.1 ml, 0.1 g, indet.: 1 pc, 0.1 ml, 0.1 g, total: 19 pcs, 3.4 ml, 1.2 g	Ac1: d: 13 mm	
I/o; M50.14	L/-3, (17596)	12.10.17; 05./06.10.22	h/d	m; 9–20 mm		1 (Tam), 2 (Ac1), 27 (Fic), 35 (Palm), 36 (Ced)	<i>Acacia nilotica</i> -type: 46 pcs, 13.0 ml, 5.8 g (lprl: 17 mm), <i>Cedrus libani</i> : 1 pc, 0.1 ml, 0.1 g, <i>Ficus sycomorus</i> : 2 pcs, 0.1 ml, 0.1 g, <i>Palmae</i> , perf. pls. not obs.: 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 7 pcs, 2.7 ml, 0.9 g, total: 57 pcs, 16.0 ml, 7.0 g	Tam: circumference: r: 20 mm	
I/o; M50.14	L/-3, [17601]	12.10.17; 05.10.22	h/d	m; 8–24 mm		1 (Ac1), 12 (Tam)	<i>Acacia nilotica</i> -type: 12 pcs, 5.7 ml, 2.3 g (lprl: 24 mm), <i>Tamarix</i> sp.: 1 pc, 0.3 ml, 0.1 g, total: 13 pcs, 6.0 ml, 2.4 g	Tam: r: 8, 9 mm	
I/o; M50.14	L/-3, [17601]	12.10.17; 04.10.22	h/d	m; 10, 13 mm			<i>Acacia nilotica</i> -type: 2 pcs, 0.4 ml, 0.2 g (lprl: 9 mm)		
I/o; M50.14	L/-3, 17656	17.10.17; 27./29.10.22	h/d	m, s; 5–27 mm	w, d	1 (Tam), 2 (Ac1), 25 (Fic), 66 (Ced), 78 (Ac2), 98 (Faid)	<i>Acacia nilotica</i> -type: 144 pcs, 23.6 g (lprl: 27 mm), <i>Acacia</i> sp.: 1 pc, 0.2 g, <i>Cedrus libani</i> : 5 pcs, 0.2 g, <i>Faidherbia albida</i> : 3 pcs, 0.1 g, <i>Ficus sycomorus</i> : 3 pcs, 0.2 g, <i>Tamarix</i> sp.: 49 pcs, 7.1 g, indet.: 3 pcs, 0.2 g, bark: 3 pcs, 0.2 g, total: 211 pcs, 31.8 g / uncharred, slightly charred: <i>Acacia nilotica</i> -type: 1 pc, 0.1 g (o) (wood chip, 18 × 10 × 4 mm) / animal dung (fragments, charred): 2 pcs, 0.2 g (9 × 8 × 6 mm, 10 × 5 × 2 mm)		rd
I/o; M50.14	L/-3, 17657	17.10.17; 25.10.22	h/d	m, s (l); 6–38 mm	h, d, b	1 (Ac1), 2 (Tam), 19 (Palm), 105 (Ziz), 255 (Ced), 398 (Fic), 408 (Ac2), 498 (Faid)	<i>Acacia nilotica</i> -type: 417 pcs, 74.3 g (lprl: 35 mm), <i>Acacia</i> sp.: 1 pc, 0.1 g, <i>Cedrus libani</i> : 2 pcs, 0.2 g, <i>Faidherbia albida</i> : 1 pc, 0.1 g, <i>Ficus sycomorus</i> : 3 pcs, 0.1 g, <i>Palmae</i> , scal. perf. pls.: 1 pc, 0.1 g, <i>Tamarix</i> sp.: 64 pcs, 9.6 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.2 g, indet.: 5 pcs, 0.4 g, bark: 10 pcs, 0.4 g, total: 505 pcs, 85.5 g / herbaceous plant: rhizome (fragment, charred): 1 pc, 0.1 g (15 × 6 × 4 mm) / animal dung (fragments, charred): 5 pcs, 0.7 g (9 × 7 × 3 mm, 11 × 10 × 3 mm, 12 × 9 × 5 mm, 15 × 12 × 9 mm, 18 × 12 × 7 mm) / animal bone (fragments, charred): 3 pcs, 1.3 g (9 × 9 × 5 mm, 16 × 10 × 10 mm, 34 × 11 × 4 mm), (fragments, unburnt): 2 pcs, 1.3 g (19 × 5 × 3 mm, 25 × 13 × 14 mm)		rd
I/o; M50.14	L/-4, 15780	08.11.14; 22.10.19	h/d	m; 7–23 mm		1 (Ac1), 2 (Tam)	<i>Acacia nilotica</i> -type: 3 pcs, 2.0 ml, 1.4 g (lprl: 16 mm), <i>Tamarix</i> sp.: 4 pcs, 1.7 ml, 0.6 g, total: 7 pcs, 3.7 ml, 2.0 g		
I/o; M50.14	L/-4, 15780	09.11.14; 23.10.19	h/d	m; 8–26 mm	b	1 (Ac1), 7 (Tam), 28 (Ced)	<i>Acacia nilotica</i> -type: 54 pcs, 31.0 ml, 15.4 g (lprl: 15 mm), <i>Cedrus libani</i> : 1 pc, 0.6 ml, 0.1 g, <i>Tamarix</i> sp.: 7 pcs, 2.2 ml, 0.8 g, indet.: 2 pcs, 0.4 ml, 0.2 g, total: 64 pcs, 34.2 ml, 16.5 g / animal bone (fragment, calcined, small part charred): 1 pc, 0.3 ml, 0.3 g (12 × 7 × 5 mm)	Ac1: r: 8, 10 mm	

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/o; M50.14	L/-4, 15781	08.11.14; 22.10.19	h/d	m; 10–27 mm		1 (Ac1), 12 (Tam)	<i>Acacia nilotica</i> -type: 19 pcs, 14.5 ml, 7.4 g (lprl: 24 mm), <i>Tamarix</i> sp.: 4 pcs, 2.0 ml, 0.8 g, total: 23 pcs, 16.5 ml, 8.2 g		
I/o; M50.14	L/-4, 15785	09.11.14; 22.10.19	h/d	m; 9–27 mm	b	1 (Ac1), 11 (Mim)	<i>Acacia nilotica</i> -type: 18 pcs, 10.0 ml, 5.3 g (lprl: 13 mm), <i>Mimusops</i> sp.: 1 pc, 1.0 ml, 0.6 g, total: 19 pcs, 11.0 ml, 5.9 g / animal bone (fragments, -): 3 pcs, 0.7 ml, 1.2 g (18 × 5 × 3 mm, 20 × 7 × 4 mm, 19 × 9 × 4 mm)		
I/o; M50.14	L/-4, 15785	10.11.14; 22./23.10.19	h/d	m, s; 6–29 mm	w	1 (Tam), 3 (Mim), 4 (Ac1), 56 (Ced), 89 (Fic)	<i>Acacia nilotica</i> -type: 71 pcs, 27.0 ml, 13.1 g (lprl: 14 mm), <i>Cedrus libani</i> : 1 pc, 0.1 ml, 0.1 g, <i>Ficus syco-morus</i> : 1 pc, 0.1 ml, 0.1 g, <i>Mimusops</i> sp.: 13 pcs, 5.0 ml, 2.4 g, <i>Tamarix</i> sp.: 8 pcs, 2.8 ml, 0.9 g, indet.: 1 pc, 0.3 ml, 0.1 g, bark: 4 pcs, 0.6 ml, 0.3 g, total: 99 pcs, 35.9 ml, 17.0 g / uncharred, slightly charred: <i>Cedrus libani</i> : 1 pc, 0.3 ml, 0.1 g (x) (22 × 6 × 4 mm), <i>Prunus</i> sp.: 2 pcs, 1.0 ml, 0.6 g (x, o) (from a branch, without bark, 22 × 12 × 7 mm, 7 × 6 × 5 mm)	Ac1: r: 8, 9 mm	
I/o; M50.14	L/-4, 15793	10.11.14; 22.10.19	h/d	m; 9–23 mm	w	1 (Ac1), 3 (Tam), 9 (Mim), 32 (Fic)	<i>Acacia nilotica</i> -type: 41 pcs, 15.5 ml, 6.8 g (lprl: 19 mm), <i>Ficus sycomorus</i> : 1 pc, 0.3 ml, 0.1 g, <i>Mimusops</i> sp.: 1 pc, 0.3 ml, 0.1 g, <i>Tamarix</i> sp.: 9 pcs, 3.5 ml, 1.3 g, total: 52 pcs, 19.6 ml, 8.3 g / uncharred, slightly charred: <i>Mimusops</i> sp.: 1 pc, 0.3 ml, 0.1 g (o) (13 × 8 × 4 mm)		
I/o; M50.14	L/-4, 15796	10.11.14; 22.10.19	h/d	m, s; 7–18 mm		1 (Tam), 2 (Ac1)	<i>Acacia nilotica</i> -type: 6 pcs, 0.8 ml, 0.4 g (lprl: 7 mm), <i>Tamarix</i> sp.: 2 pcs, 1.2 ml, 0.4 g (lpr: 13 mm), total: 8 pcs, 2.0 ml, 0.8 g		
I/o; M50.14	L/-4, (17522)	10.10.17; 05.10.22	h/d	m, s; 5–26 mm			<i>Acacia nilotica</i> -type: 10 pcs, 4.2 ml, 1.9 g (lprl: 17 mm)		
I/o; M50.14	L/-4, (17522)	16.10.17; 04.10.22	h/d	m; 9, 15 mm			<i>Acacia nilotica</i> -type: 2 pcs, 0.8 ml, 0.4 g (lprl: 12 mm)		
I/o; M50.14	L/-4, (17605)	18.10.17; 09./10./21./23.10.22	h/d	m (l); 6–45 mm	h, d	1 (Tam), 2 (Fic), 4 (Ac1), 33 (Mim), 109 (Sal), 153 (Ziz)	<i>Acacia nilotica</i> -type: 94 pcs, 37.0 ml, 15.4 g (lprl: 41 mm), <i>Ficus sycomorus</i> : 11 pcs, 6.0 ml, 1.7 g, <i>Mimu-sops</i> sp.: 7 pcs, 1.9 ml, 0.9 g, <i>Salix</i> sp.: 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 31 pcs, 19.0 ml, 8.2 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.1 ml, 0.1 g, indet.: 6 pcs, 1.5 ml, 0.6 g, bark: 6 pcs, 1.1 ml, 0.6 g, total: 157 pcs, 66.7 ml, 27.6 g / herbaceous plant: stem (fragments, charred): 2 pcs, 0.1 ml, 0.1 g (12 × 4 × 3 mm, 24 × 3 × 3 mm) / animal dung (fragments, charred): 3 pcs, 0.6 ml, 0.3 g (9 × 7 × 4 mm, 11 × 9 × 5 mm, 11 × 11 × 5 mm)	Ac1: circumference: r: 10 mm (3×); 15 mm; Tam: r: 12, 16, 20 mm; d: 8 mm, r: 3, 4 mm; circumference: r: 10 mm (2×)	
I/o; M50.14, 15	J/-4, 15704	02.11.14; 30.10.19	h/d	m; 8–23 mm		1 (Ac1), 24 (Tam)	<i>Acacia nilotica</i> -type: 29 pcs, 23.0 ml, 11.0 g (lprl: 17 mm), <i>Tamarix</i> sp.: 3 pcs, 1.7 ml, 0.6 g, indet.: 1 pc, 0.7 ml, 0.7 g, total: 33 pcs, 25.4 ml, 12.3 g / fragment with baked quartz grains: 1 pc, 2.0 ml, 3.7 g (28 × 20 × 13 mm)	Ac1: d: 12 mm	
I/o; M50.14, 15	J/-4, [15709] (probably 15704)	03.11.14; 31.10.19	h/d	m; 11–34 mm		1 (Ac1), 9 (Fic), 20 (Tam)	<i>Acacia nilotica</i> -type: 22 pcs, 18.0 ml, 9.2 g (lprl: 16 mm), <i>Ficus sycomorus</i> : 1 pc, 0.9 ml, 0.2 g, <i>Tamarix</i> sp.: 1 pc, 0.9 ml, 0.2 g, indet.: 2 pcs, 2.7 ml, 1.5 g, total: 26 pcs, 22.5 ml, 11.1 g		
I/o; M50.14, 15	J/-4, 15704	06.11.14; 29.10.19	h/d	m; 7–30 mm		1 (Ac1), 4 (Ac2), 5 (Mim), 6 (Tam)	<i>Acacia nilotica</i> -type: 16 pcs, 6.4 ml, 3.3 g (lprl: 27 mm), <i>Acacia</i> sp.: 1 pc, 0.7 ml, 0.1 g, <i>Mimusops</i> sp.: 1 pc, 0.8 ml, 0.2 g, <i>Tamarix</i> sp.: 5 pcs, 1.2 ml, 0.4 g, indet.: 3 pcs, 0.2 ml, 0.1 g, total: 26 pcs, 9.3 ml, 4.1 g	Tam: r: 4 mm; 6 mm (both with bark)	
I/o; M50.14, 15	J/-4, 15704	05.11.14; 30.10.19	h/d	m; 7–23 mm	f/s		<i>Acacia nilotica</i> -type: 20 pcs, 8.6 ml, 4.2 g (lprl: 20 mm) / <i>Phoenix dactylifera</i> -seed (incomplete, charred): 1 pc, 0.2 ml, 0.2 g (14 × 7 × 6 mm)		
I/o; M50.15	J/-3, 17541	18.10.17; 22.10.22	h/d	m, s; 6–25 mm		1 (Ac1), 5 (Tam), 14 (Fic), 71 (Ced)	<i>Acacia nilotica</i> -type: 91 pcs, 13.6 g (lprl: 20 mm), <i>Cedrus libani</i> : 1 pc, 0.1 g, <i>Ficus sycomorus</i> : 2 pcs, 0.2 g, <i>Tamarix</i> sp.: 13 pcs, 1.4 g, bark: 2 pcs, 0.1 g, total: 109 pcs, 15.4 g		rd
I/o; M50.15	J/-3, 17541	21.10.17; 22.10.22	h/d	m, s; 7–22 mm		1 (Ac1), 4 (Tam), 28 (Ac2)	<i>Acacia nilotica</i> -type: 32 pcs, 4.2 g (lprl: 16 mm), <i>Acacia</i> sp.: 1 pc, 0.1 g, <i>Tamarix</i> sp.: 9 pcs, 0.8 g, total: 42 pcs, 5.1 g		rd
I/o; M50.15	J/-3, (17593)	21.10.17; 22.10.22	h/d	m, s; 5–27 mm		1 (Ac1), 8 (Mim), 12 (Tam), 15 (Faid), 16 (Ac2), 60 (Fic)	<i>Acacia nilotica</i> -type: 102 pcs, 17.5 g (lprl: 25 mm), <i>Acacia</i> sp.: 3 pcs, 0.3 g, <i>Faidherbia albida</i> : 1 pc, 0.1 g, <i>Ficus sycomorus</i> : 2 pcs, 0.1 g, <i>Mimusops</i> sp.: 1 pc, 0.1 g, <i>Tamarix</i> sp.: 12 pcs, 0.9 g, indet.: 3 pcs, 0.2 g, bark: 2 pcs, 0.1 g, total: 126 pcs, 19.3 g / furnace debris: grey material (with enclosed gas bubbles of various sizes): 2 pcs, 1.7 g (14 × 9 × 8 mm, 14 × 10 × 9 mm)		rd
I/o; M50.15	J/-3, (17593)	29.10.17; 23.10.22	h/d	m, s (l); 6–39 mm	h	1 (Ac1), 4 (Tam), 42 (Fic), 83 (Mim)	<i>Acacia nilotica</i> -type: 97 pcs, 19.6 g (lprl: 37 mm), <i>Ficus sycomorus</i> : 1 pc, 0.1 g, <i>Mimusops</i> sp.: 1 pc, 0.1 g, <i>Tamarix</i> sp.: 17 pcs, 1.9 g, bark: 2 pcs, 0.4 g, total: 118 pcs, 22.1 g / herbaceous plant: stem (fragment, charred): 1 pc, 0.1 g (27 × 4 × 3 mm)		rd
I/o; M50.15	J/-3, (17691)	29.10.17; 28./29.10.19	from a pottery sample	m; 7–22 mm		1 (Ac1), 4 (Tam), 11 (Fic), 41 (Mim), 93 (Ced), 106 (Faid)	<i>Acacia nilotica</i> -type: 88 pcs, 25.0 ml, 11.4 g (lprl: 16 mm), <i>Cedrus libani</i> : 1 pc, 0.1 ml, 0.1 g, <i>Faidherbia albida</i> : 1 pc, 0.1 ml, 0.1 g, <i>Ficus sycomorus</i> : 2 pcs, 0.6 ml, 0.1 g, <i>Mimusops</i> sp.: 2 pcs, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 26 pcs, 8.0 ml, 3.1 g, indet.: 8 pcs, 2.3 ml, 0.9 g, bark: 2 pcs, 0.7 ml, 0.4 g, total: 130 pcs, 37.0 ml, 16.2 g	Ac1: circumference: r: 15 mm; Tam: r: 5 mm (3×); d: 10, 11 mm	
I/o; M50.15	J/-3 / K/-3, (17668)	29.10.17; 02.10.22	h/d	m; 9–23 mm		1 (Ac1), 2 (Faid), 3 (Tam)	<i>Acacia nilotica</i> -type: 12 pcs, 6.5 ml, 3.4 g (lprl: 23 mm), <i>Faidherbia albida</i> : 1 pc, 0.8 ml, 0.2 g, <i>Tamarix</i> sp.: 5 pcs, 1.9 ml, 0.7 g, total: 18 pcs, 9.2 ml, 4.3 g	Tam: r: 10 mm; d: 12 mm; circumference: r: 5 mm	
I/o; M50.15	J/-3 / K/-3, (17668)	30.10.17; 28.09.22	h/d	m, s; 9–15 mm			<i>Acacia nilotica</i> -type: 10 pcs, 2.3 ml, 1.1 g (lprl: 14 mm)		

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/o; M50.15	K/-3, (17599)	28.10.17; 03.10.22	h/d	m; 9–23 mm		1 (Ac1), 10 (Tam), 17 (Fic), 26 (Palm)	<i>Acacia nilotica</i> -type: 31 pcs, 14.0 ml, 6.5 g (lprl: 22 mm), <i>Ficus sycomorus</i> : 2 pcs, 0.7 ml, 0.1 g, <i>Palmae</i> , perf. pls. not obs.: 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 3 pcs, 1.0 ml, 0.4 g, indet.: 2 pcs, 1.3 ml, 0.6 g, total: 39 pcs, 17.1 ml, 7.7 g	Ac1: r: 7, 8 mm; Tam: r: 9 mm; 12, 15 mm; circumference: r: 10 mm	
I/o; M50.16	G/-2, <u>17660</u>	31.10.17; 26.09.22	h/d	m; 16 mm			<i>Acacia nilotica</i> -type: 1 pc, 0.8 ml, 0.4 g (lprl: 9 mm)		
I/o; M50.16	I/-3, (15790)	09.11.14; 17.10.22	h/d	m; 11–23 mm		1 (Tam), 2 (Ac1)	<i>Acacia nilotica</i> -type: 13 pcs, 8.0 ml, 3.6 g (lprl: 23 mm), <i>Tamarix</i> sp.: 11 pcs, 8.0 ml, 2.3 g, indet.: 2 pcs, 0.8 ml, 0.3 g, total: 26 pcs, 16.8 ml, 6.2 g	Ac1: d: 15 mm, r: 6, 9 mm	
I/o; M50.16	I/-3, (15790)	10.11.14; 17.10.22	h/d	m, s; 7–33 mm		1 (Ac1), 11 (Tam), 18 (Palm), 27 (Ac2)	<i>Acacia nilotica</i> -type: 38 pcs, 21.0 ml, 9.8 g (lprl: 30 mm), <i>Acacia</i> sp.: 1 pc, 0.2 ml, 0.1 g, <i>Palmae</i> , perf. pls. not obs.: 1 pc, 0.5 ml, 0.3 g, <i>Tamarix</i> sp.: 8 pcs, 2.6 ml, 0.9 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 49 pcs, 24.4 ml, 11.2 g	Tam: circumference: r: 10 mm	
I/o; M50.16	I/-3, (15794)	10.11.14; 17.10.22	h/d	m, s; 7–29 mm	f/s	1 (Tam), 2 (Ac1)	<i>Acacia nilotica</i> -type: 32 pcs, 16.0 ml, 6.3 g (lprl: 26 mm), <i>Tamarix</i> sp.: 18 pcs, 8.0 ml, 3.0 g, total: 50 pcs, 24.0 ml, 9.3 g / <i>Hypphaene thebaica</i> -endocarp (fragment, charred): 1 pc, 0.5 ml, 0.3 g (20 × 15 × 3 mm)	Tam: d: 14 mm, r: 8 mm	
I/o; M50.16	I/-3, (15797)	10.11.14; 18./19.10.22	h/d	m (l); 8–45 mm	h, b	1 (Ac1), 7 (Tam), 8 (Ac2), 125 (Palm)	<i>Acacia nilotica</i> -type: 112 pcs, 107.0 ml, 48.8 g (lprl: 43 mm), <i>Acacia</i> sp.: 11 pcs, 4.5 ml, 2.1 g, <i>Palmae</i> , scal. perf. pls.: 1 pc, 0.3 ml, 0.1 g, <i>Tamarix</i> sp.: 52 pcs, 25.0 ml, 8.7 g, total: 176 pcs, 136.8 ml, 59.7 g / herbaceous plant: stem (fragment, charred): 1 pc, 0.1 ml, 0.1 g (25 × 4 × 3 mm) / animal bone (fragment, in part calcined): 1 pc, 0.7 ml, 1.4 g (37 × 15 × 3 mm)	Ac1: circumference: r: 5 mm; 10 mm (2×); 20 mm; Tam: d: 4 mm, r: 3 mm; d: 20 mm; circumference: r: 5 mm (2×); 10 mm (2×); 15 mm	
I/o; M50.16	I/-3, (15797)	11.11.14; 19./21.10.22	h/d	m (l); 9–47 mm	b	1 (Ac1), 10 (Tam), 89 (Ac2), 125 (Ced), 139 (Quer)	<i>Acacia nilotica</i> -type: 196 pcs, 168.0 ml, 64.9 g (lprl: 47 mm), <i>Acacia</i> sp.: 2 pcs, 1.5 ml, 0.5 g, <i>Cedrus libani</i> : 1 pc, 0.7 ml, 0.1 g, <i>Quercus</i> sp., evergreen: 1 pc, 0.5 ml, 0.2 g, <i>Tamarix</i> sp.: 77 pcs, 48.0 ml, 16.6 g, bark: 10 pcs, 1.3 ml, 0.7 g, total: 287 pcs, 220.0 ml, 83.0 g / animal bone (fragment, partly charred): 1 pc, 0.2 ml, 0.4 g (37 × 9 × 4 mm)	Ac1: r: 8, 10 mm; 9, 10, 12 mm; 10 mm; d: 16 mm; d: 18 mm, r: 8, 10 mm; d: 19 mm, r: 10 mm; circumference: r: 10 mm (8×); 15 mm (4×); 20 mm; Tam: d: 19 mm, r: 8, 10, 11 mm; d: 22 mm, r: 11 mm; circumference: r: 10 mm (2×); 15 mm	
I/o; M50.16	I/-4, (15621)	21.10.14; 10.10.22	h/d	m; 9, 10 mm			<i>Acacia nilotica</i> -type: 2 pcs, 0.2 ml, 0.1 g (lprl: 10 mm)		
I/o / I/a; M50.14	I/-4, (15659)	27.10.14; 11.10.22	h/d	m; 17 mm (bark), 18, 29 mm	w		<i>Acacia nilotica</i> -type: 1 pc, 0.1 ml, 0.1 g (lprl: 18 mm), bark: 2 pcs, 1.0 ml, 0.4 g (13 × 15 × 3 mm, 29 × 15 × 3 mm), total: 3 pcs, 1.1 ml, 0.5 g / uncharred, slightly charred: <i>Acacia nilotica</i> -type: 1 pc, 3.4 ml, 1.5 g (o) (34 × 21 × 12 mm)		
I/o / I/a; M50.14	I/-4, (15659)	05.11.14; 10.10.22	h/d	m; 12–29 mm		1 (Ac1), 3 (Ziz), 5 (Tam)	<i>Acacia nilotica</i> -type: 9 pcs, 11.0 ml, 5.2 g (lprl: 26 mm), <i>Tamarix</i> sp.: 2 pcs, 2.1 ml, 0.7 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.4 ml, 0.1 g, total: 12 pcs, 13.5 ml, 6.0 g	Ziz: d: 9 mm, r: 4, 5 mm	
I/o / I/a; M50.14	K/-4, (15686)	02.11.14; 26.10.19	h/d	m; 12–28 mm	f/s	1 (Ac1), 9 (Ac2), 12 (Mim)	<i>Acacia nilotica</i> -type: 25 pcs, 24.0 ml, 12.2 g (lprl: 24 mm), <i>Acacia</i> sp.: 1 pc, 0.8 ml, 0.4 g, <i>Mimusops</i> sp.: 2 pcs, 0.6 ml, 0.3 g, total: 28 pcs, 25.4 ml, 12.9 g / <i>Hypphaene thebaica</i> -endocarp (fragment, charred): 1 pc, 0.7 ml, 0.4 g (17 × 17 × 7 mm)		
I/o / I/a; M50.15	I/-2 / J/-2, <17683>	21.10.17; 08.10.22	h/d	m; 8–24 mm		1 (Ac1), 6 (Tam)	<i>Acacia nilotica</i> -type: 15 pcs, 7.5 ml, 4.4 g (lprl: 23 mm), <i>Tamarix</i> sp.: 7 pcs, 2.2 ml, 0.7 g, bark: 3 pcs, 0.8 ml, 0.4 g, total: 25 pcs, 10.5 ml, 5.5 g	Tam: r: 7 mm (with bark); d: 10 mm, r: 4, 5, 6 mm (without bark); circumference: r: 10 mm	
I/o / I/a; M50.15	I/-2 / J/-2, (17757)	31.10.17; 29.09.22	h/d	m; 11–35 mm			<i>Acacia nilotica</i> -type: 9 pcs, 4.0 ml, 1.6 g (lprl: 33 mm)		
I/o / I/a; M50.15	J/-2 / I/-2, <17683>, section	19.10.17; 08.10.22	h/d	m (l); 12–41 mm	b	1 (Ac1), 10 (Tam)	<i>Acacia nilotica</i> -type: 22 pcs, 34.0 ml, 16.9 g (lprl: 26 mm), <i>Tamarix</i> sp.: 5 pcs, 4.0 ml, 1.5 g, total: 27 pcs, 38.0 ml, 18.4 g / animal bone (fragments, charred): 2 pcs, 1.0 ml, 0.9 g (23 × 10 × 4 mm, 14 × 12 × 8 mm)	Tam: r: 4, 7, 8 mm; circumference: r: 10 mm	
I/o / I/a; M50.16	I/-2, (17669)	30.10.17; 03.10.22	h/d	m, s; 5–29 mm	h	1 (Ac1), 5 (Tam), 18 (Ac2)	<i>Acacia nilotica</i> -type: 27 pcs, 14.5 ml, 7.1 g (lprl: 29 mm), <i>Acacia</i> sp.: 1 pc, 0.3 ml, 0.1 g, <i>Tamarix</i> sp.: 3 pcs, 2.0 ml, 0.6 g, total: 31 pcs, 16.8 ml, 7.8 g / herbaceous plant: stem (wall fragments, charred): 1 pc, 0.1 ml, 0.1 g (10 × 12 × 2 mm), rhizome (fragment, charred): 1 pc, 0.1 ml, 0.1 g (10 × 4 × 3 mm)	Ac1: r: 10, 12 mm; Tam: d: 14 mm, r: 5, 9 mm	
I/o / I/a; M50.16	I/-2, (17669)	30.10.17; 29.09.22	h/d	m, s; 9–33 mm		1 (Ac1), 7 (Tam)	<i>Acacia nilotica</i> -type: 6 pcs, 7.0 ml, 4.0 g (lprl: 25 mm), <i>Tamarix</i> sp.: 2 pcs, 0.2 ml, 0.1 g, total: 8 pcs, 7.2 ml, 4.1 g	Tam: d: 6 mm, r: 1, 5 mm	
I/a; M50.14	G/-2, (17655)	28.10.17; 29.09.22	h/d	m; 10–32 mm	d, b	1 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 7 pcs, 6.5 ml, 3.8 g (lprl: 31 mm), <i>Tamarix</i> sp.: 4 pcs, 1.1 ml, 0.4 g, total: 11 pcs, 7.6 ml, 4.2 g / animal dung (fragment, charred): 1 pc, 0.3 ml, 0.6 g (10 × 6 × 4 mm) / animal bone (fragment, calcined): 1 pc, 0.3 ml, 0.6 g (12 × 11 × 11 mm)	Tam: r: 6, 7 mm; 7 mm; d: 9 mm, r: 7 mm; circumference: r: 5 mm	
I/a; M50.14	G/-2, (17655)	29.10;17 28.09.22	h/d	m; 14, 15, 20 mm		1 (Tam), 2 (Ac1)	<i>Acacia nilotica</i> -type: 2 pcs, 0.8 ml, 0.4 g (lprl: 13 mm), <i>Tamarix</i> sp.: 1 pc, 0.9 ml, 0.2 g, total: 3 pcs, 1.7 ml, 0.6 g		

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/a; M50.14	G/-2, (17737)	30.10.17; 02.10.22	h/d	m; 11–25 mm		1 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 16 pcs, 12.0 ml, 6.8 g (lprl: 21 mm), <i>Tamarix</i> sp.: 2 pcs, 1.1 ml, 0.4 g, total: 18 pcs, 13.1 ml, 7.2 g	Tam: d: 7 mm, r: 5 mm; d: 13 mm, r: 7, 9 mm	
I/a; M50.14	G/-2, (17737)	30.10.17; 01.10.22	h/d	m; 14–35 mm		1 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 5 pcs, 13.5 ml, 6.9 g (lprl: 35 mm), <i>Tamarix</i> sp.: 3 pcs, 2.1 ml, 0.8 g, total: 8 pcs, 15.6 ml, 7.7 g		
I/a; M50.14	G/-2, (17737)	31.10.17; 28.09.22	h/d	m; 13–21 mm			<i>Acacia nilotica</i> -type: 6 pcs, 2.7 ml, 1.4 g (lprl: 21 mm)	Tam: circumference: r: 5 mm; 10 mm	
I/a; M50.14	G/-2, (17750)	31.10.17; 27.09.22	h/d	m; 15, 17, 21 mm			<i>Acacia nilotica</i> -type: 3 pcs, 2.0 ml, 1.2 g (lprl: 16 mm)		
I/a; M50.14	G/-2 / G/-3, (17687)	29.10.17; 01.10.22	h/d	m; 11–26 mm	d		<i>Acacia nilotica</i> -type: 14 pcs, 10.5 ml, 5.3 g (lprl: 26 mm) / <i>animal dung</i> (fragment, charred): 1 pc, 0.4 ml, 0.2 g (13 × 12 × 4 mm)		
I/a; M50.14	G/-3, (15658)	28.10.14; 04./05.11.19	h/d	m (l); 13–42 mm	d	1 (Ac1), 27 (Tam)	<i>Acacia nilotica</i> -type: 29 pcs, 38.0 ml, 18.9 g (lprl: 16 mm), <i>Tamarix</i> sp.: 3 pcs, 2.0 ml, 0.9 g, total: 32 pcs, 40.0 ml, 19.8 g / <i>animal dung</i> (fragment, charred): 1 pc, 1.5 ml, 0.9 g (25 × 14 × 13 mm)	Ac1: r: 13, 14 mm	
I/a; M50.14	G/-3, (15658)	30.10.14; 02./03.11.22	h/d	m; 7–35 mm	w, d, b	1 (Ac1), 8 (Tam), 41 (Fic), 67 (Ced), 137 (Faid)	<i>Acacia nilotica</i> -type: 155 pcs, 98.0 ml, 47.1 g (lprl: 35 mm), <i>Cedrus libani</i> : 3 pcs, 1.8 ml, 0.7 g, <i>Faidherbia albida</i> : 1 pc, 0.2 ml, 0.1 g, <i>Ficus sycomorus</i> : 2 pcs, 1.9 ml, 0.5 g, <i>Tamarix</i> sp.: 20 pcs, 7.0 ml, 3.2 g, indet.: 12 pcs, 3.7 ml, 1.7 g, bark: 7 pcs, 1.3 ml, 0.7 g, total: 200 pcs, 113.9 ml, 54.0 g / <i>uncharred, slightly charred</i> : <i>Cedrus libani</i> : 1 pc, 0.4 ml, 0.2 g (x) (20 × 12 × 5 mm) / <i>animal dung</i> (fragments, charred): 3 pcs, 1.0 ml, 0.6 g (12 × 11 × 5 mm, 14 × 10 × 5 mm, 15 × 10 × 5 mm) / <i>animal bone</i> (fragment, calcined, partly charred): 1 pc, 0.5 ml, 0.8 g (21 × 11 × 6 mm) / <i>furnace debris</i> : grey material (with enclosed gas bubbles of various sizes): 1 pc, 0.7 ml, 1.2 g (15 × 10 × 9 mm)	Ac1: d: 10 mm, r: 4, 6 mm (with bark); Tam: circumference: r: 5 mm	
I/a; M50.14	G/-3, (15658)	01.11.14; 05.11.19	h/d	m; 8–36 mm	d	1 (Ac1), 9 (Tam), 12 (Ac2), 26 (Ziz), 54 (Fic), 79 (Mim)	<i>Acacia nilotica</i> -type: 48 pcs, 21.0 ml, 11.8 g (lprl: 31 mm), <i>Acacia</i> sp.: 2 pcs, 4.3 ml, 2.1 g, <i>Ficus sycomorus</i> : 1 pc, 0.1 ml, 0.1 g, <i>Mimusops</i> sp.: 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 6 pcs, 2.7 ml, 1.1 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.3 ml, 0.1 g, indet.: 27 pcs, 8.5 ml, 4.1 g, bark: 2 pcs, 0.1 ml, 0.1 g, total: 88 pcs, 37.1 ml, 19.5 g / <i>animal dung</i> (fragments, charred): 6 pcs, 0.7 ml, 0.1 g (7 × 6 × 1 mm, 10 × 5 × 3 mm, 10 × 6 × 3 mm, 10 × 7 × 3 mm, 11 × 8 × 4 mm, 12 × 10 × 4 mm)	indet: pieces of thin branches, part with d: 3–7 mm	
I/a; M50.14	G/-3, (15683)	01.11.14; 04.11.19	h/d	m; 12–24 mm	d	1 (Tam), 4 (Ac1), 14 (Faid), 20 (Mim)	<i>Acacia nilotica</i> -type: 21 pcs, 11.2 ml, 6.0 g (lprl: 16 mm), <i>Faidherbia albida</i> : 2 pcs, 1.0 ml, 0.3 g, <i>Mimusops</i> sp.: 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 12 pcs, 9.0 ml, 3.7 g, bark: 1 pc, 0.2 ml, 0.2 g, total: 37 pcs, 21.6 ml, 10.3 g / <i>animal dung</i> (fragment, charred): 1 pc, 1.8 ml, 1.3 g (21 × 19 × 10 mm)		
I/a; M50.14	G/-3, (15763)	06.11.14; 04.11.19	h/d	m; 8–24 mm		1 (Ac1), 7 (Tam), 27 (Faid)	<i>Acacia nilotica</i> -type: 23 pcs, 11.0 ml, 6.1 g (lprl: 16 mm), <i>Faidherbia albida</i> : 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 4 pcs, 2.1 ml, 0.7 g, bark: 2 pcs, 0.4 ml, 0.2 g, total: 30 pcs, 13.7 ml, 7.1 g	Ac1: circumference: r: 20 mm (with bark); Tam: r: 7, 9 mm	
I/a; M50.14	G/-3, (15763)	09.11.14; 04.11.19	h/d	m; 8–35 mm		1 (Ac1) 18 (Tam), 19 (Fic), 37 (Faid)	<i>Acacia nilotica</i> -type: 30 pcs, 13.0 ml, 6.8 g (lprl: 25 mm), <i>Faidherbia albida</i> : 1 pc, 0.1 ml, 0.1 g, <i>Ficus sycomorus</i> : 3 pcs, 0.6 ml, 0.1 g, <i>Tamarix</i> sp.: 3 pcs, 0.7 ml, 0.2 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 38 pcs, 14.5 ml, 7.3 g / <i>furnace debris</i> : grey material (with enclosed gas bubbles of various sizes, with some remains of oxidised copper or copper alloy): 1 pc, 0.3 ml, 0.5 g (15 × 10 × 6 mm)		
I/a; M50.14	G/-3, (15763)	10.11.14; 03.11.19	h/d	m; 13–19 mm		1 (Ac1), 4 (Tam)	<i>Acacia nilotica</i> -type: 5 pcs, 2.5 ml, 1.3 g (lprl: 7 mm), <i>Tamarix</i> sp.: 2 pcs, 1.0 ml, 0.2 g, total: 7 pcs, 3.5 ml, 1.5 g		
I/a; M50.14	G/-3, (15763)	11.11.14; 04.11.19	h/d	m; 11–30 mm	d	1 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 15 pcs, 13.5 ml, 6.9 g (lprl: 19 mm), <i>Tamarix</i> sp.: 3 pcs, 4.4 ml, 1.8 g, total: 18 pcs, 17.9 ml, 8.7 g / <i>animal dung</i> (fragments, charred): 2 pcs, 0.6 ml, 0.2 g (13 × 7 × 5 mm, 14 × 11 × 6 mm)	Tam: circumference: r: 20 mm (with small part of bark)	
I/a; M50.14	G/-3, (15763)	12.11.14; 02.11.19	h/d	m; 17, 19, 31 mm			<i>Acacia nilotica</i> -type: 3 pcs, 6.0 ml, 2.8 g (lprl: 29 mm)		
I/a; M50.14	G/-3, (17750)	30.10.17; 29.09.22	h/d	m, s; 9–28 mm			<i>Acacia nilotica</i> -type: 4 pcs, 1.2 ml, 0.6 g (lprl: 28 mm), bark: 1 pc, 0.5 ml, 0.2 g, total: 5 pcs, 1.7 ml, 0.8 g		
I/a; M50.14	G/-4, (17721)	25.10.17; 27.09.22	h/d	m; 14, 16, 20 mm		1 (Tam), 2 (Ac1)	<i>Acacia nilotica</i> -type: 1 pc, 1.1 ml, 0.3 g (lprl: 20 mm), <i>Tamarix</i> sp.: 2 pcs, 1.1 ml, 0.4 g, total: 3 pcs, 2.2 ml, 0.7 g		
I/a; M50.14	G/-4, (17721)	28. or 29.10.17; 01.10.22	h/d	m; 12–25 mm		1 (Ac1), 10 (Tam), 14 (Salv)	<i>Acacia nilotica</i> -type: 13 pcs, 10.0 ml, 4.7 g (lprl: 25 mm), <i>Salvadora persica</i> : 1 pc, 0.4 ml, 0.2 g, <i>Tamarix</i> sp.: 1 pc, 0.7 ml, 0.2 g, total: 15 pcs, 11.1 ml, 5.1 g		
I/a; M50.14	G/-4, (17721)	29.10.17; 27.09.22	h/d	m; 25 mm			<i>Acacia nilotica</i> -type: 1 pc, 2.5 ml, 1.6 g (lprl: 21 mm)		
I/a; M50.14	G/-4, (17721)	30.10.17; 27.09.22	h/d	m; 15, 17, 19 mm			<i>Acacia nilotica</i> -type: 3 pcs, 2.5 ml, 1.7 g (lprl: 12 mm)		
I/a; M50.14	H/-4, (15646)	26.10.14; 16.-18.10.22	h/d	m (l); 8–52 mm	d	1 (Ac1), 2 (Ac2), 18 (Fic), 27 (Tam), 34 (Ced), 62 (Faid), 82 (Bal), 93 (Mim)	<i>Acacia nilotica</i> -type: 118 pcs, 100.0 ml, 50.0 g (lprl: 41 mm), <i>Acacia</i> sp.: 3 pcs, 10.0 ml, 6.1 g, <i>Balanites aegyptiaca</i> : 1 pc, 0.6 ml, 0.2 g, <i>Cedrus libani</i> : 4 pcs, 2.6 ml, 0.6 g, <i>Faidherbia albida</i> : 3 pcs, 0.8 ml, 0.2 g, <i>Ficus sycomorus</i> : 3 pcs, 2.8 ml, 0.9 g, <i>Mimusops</i> sp.: 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 28 pcs, 10.5 ml, 4.0 g, indet.: 7 pcs, 6.0 ml, 3.6 g, bark: 4 pcs, 1.0 ml, 0.4 g, total: 172 pcs, 134.5 ml, 66.1 g / <i>animal dung</i> (fragment, charred): 1 pc, 0.9 ml, 0.5 g (18 × 11 × 11 mm)	Ac1: r: 12, 13 mm; Tam: r: 3 mm; 3, 5, 7 mm; circumference: r: 5 mm; 10 mm	

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/a; M50.14	H/-4, (15646)	27.10.14; 16.10.22	h/d	m; 7–31 mm	h	1 (Ac1), 3 (Tam), 14 (Ced), 28 (Ac2), 41 (Bal), 148 (Fic)	<i>Acacia nilotica</i> -type: 130 pcs, 70.0 ml, 34.1 g (lprl: 28 mm), <i>Acacia</i> sp.: 2 pcs, 0.9 ml, 0.3 g, <i>Balanites aegyptiaca</i> : 1 pc, 0.7 ml, 0.2 g, <i>Cedrus libani</i> : 5 pcs, 1.4 ml, 0.3 g, <i>Ficus sycomorus</i> : 1 pc, 0.3 ml, 0.1 g, <i>Tamarix</i> sp.: 40 pcs, 16.5 ml, 6.0 g, indet.: 11 pcs, 6.5 ml, 3.6 g, total: 190 pcs, 96.3 ml, 44.6 g / <i>herbaceous plant</i> : stem (wall fragment, charred): 1 pc, 0.1 ml, 0.1 g (12 × 8 × 4 mm), (fragment, charred): 1 pc, 0.3 ml, 0.1 g (16 × 9 × 6 mm) / <i>furnace debris</i> : grey material (with enclosed gas bubbles of various sizes, with inclusions of vitreous material): 1 pc, 0.5 ml, 1.0 g (13 × 11 × 9 mm)	Ac1: circumference: r: 10 mm; Tam: r: 7 mm; circumference: r: 5 mm (2×)	
I/a; M50.14	H/-4, (15657)	28.10.14; 13./15.10.22	h/d	m; 9–23 mm	h	1 (Ac1), 2 (Tam), 3 (Faid)	<i>Acacia nilotica</i> -type: 30 pcs, 17.0 ml, 8.6 g (lprl: 23 mm), <i>Faidherbia albida</i> : 1 pc, 1.7 ml, 0.5 g, <i>Tamarix</i> sp.: 15 pcs, 8.0 ml, 3.1 g, bark: 1 pc, 0.5 ml, 0.1 g, total: 47 pcs, 27.2 ml, 12.3 g / <i>herbaceous plant</i> : stem (fragment, charred): 1 pc, 0.1 ml, 0.1 g (10 × 5 × 3 mm) / <i>furnace debris</i> : grey material (with enclosed gas bubbles of various sizes): 1 pc, 0.7 ml, 2.3 g (16 × 14 × 11 mm)	Ac1: circumference: r: 5 mm; Tam: r: 4, 5 mm; circumference: r: 10 mm	
I/a; M50.14	H/-4, (15789)	10.11.14; 13.10.22	h/d	m; 18–22 mm			<i>Acacia nilotica</i> -type: 4 pcs, 3.5 ml, 1.9 g (lprl: 22 mm)		
I/a; M50.14	H/-5, (15758)	05.11.14; 19.10.19	h/d	m, s; 6–26 mm		1 (Ac1), 3 (Tam), 53 (Ac2), 74 (Mim)	<i>Acacia nilotica</i> -type: 59 pcs, 18.5 ml, 10.0 g (lprl: 18 mm), <i>Acacia</i> sp.: 2 pcs, 0.2 ml, 0.1 g, <i>Mimusops</i> sp.: 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 15 pcs, 2.6 ml, 0.9 g, indet.: 4 pcs, 0.4 ml, 0.2 g, total: 81 pcs, 21.8 ml, 11.3 g		
I/a; M50.14	H/-5, (17749)	31.10.17; 04.10.22	h/d	s, m; 5–24 mm	h	1 (Ac1), 5 (Tam), 18 (Ced)	<i>Acacia nilotica</i> -type: 76 pcs, 12.5 ml, 5.5 g (lprl: 21 mm), <i>Cedrus libani</i> : 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 15 pcs, 2.4 ml, 0.9 g, bark: 3 pcs, 0.2 ml, 0.1 g, total: 95 pcs, 15.2 ml, 6.6 g / <i>herbaceous plant</i> : stem (wall fragments, charred): 3 pcs, 0.1 ml, 0.1 g (5 × 4 × 1 mm, 9 × 3 × 1 mm, 10 × 4 × 1 mm)	Ac1: r: 5 mm	
I/a; M50.14	H/-5 / I/-5, (15760)	05.11.14; 19.10.19	h/d	m; 17–25 mm		1 (Ac1), 2 (Tam)	<i>Acacia nilotica</i> -type: 3 pcs, 4.5 ml, 3.0 g (lprl: 24 mm), <i>Tamarix</i> sp.: 1 pc, 1.5 ml, 0.5 g, total: 4 pcs, 6.0 ml, 3.5 g		
I/a; M50.14	I/-4, (15640)	27.10.14; 10.10.22	h/d	m; 14–23 mm		1 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 6 pcs, 3.6 ml, 2.1 g (lprl: 21 mm), <i>Tamarix</i> sp.: 1 pc, 0.3 ml, 0.1 g, total: 7 pcs, 3.9 ml, 2.2 g		
I/a; M50.14	I/-4, (15665)	28.10.14; 11.10.22	h/d	m, s; 7–24 mm		1 (Ac1), 5 (Tam), 12 (Palm), 14 (Fic), 18 (Ac2), 29 (Ced)	<i>Acacia nilotica</i> -type: 17 pcs, 10.0 ml, 4.6 g (lprl: 23 mm) (1-xxx), <i>Acacia</i> sp.: 1 pc, 0.1 ml, 0.1 g, <i>Cedrus libani</i> : 1 pc, 0.1 ml, 0.1 g, <i>Ficus sycomorus</i> : 3 pcs, 0.7 ml, 0.2 g, <i>Palmae</i> , perf. pls. not obs.: 2 pcs, 0.3 ml, 0.1 g, <i>Tamarix</i> sp.: 6 pcs, 2.1 ml, 0.7 g, bark: 2 pcs, 0.3 ml, 0.1 g, total: 32 pcs, 13.6 ml, 5.9 g		
I/a; M50.14	I/-4, (15665)	04.11.14; 10.10.22	h/d	m; 18, 20, 23 mm		1 (Tam), 3 (Ac1)	<i>Acacia nilotica</i> -type: 1 pc, 2.2 ml, 1.1 g (lprl: 21 mm), <i>Tamarix</i> sp.: 2 pcs, 2.4 ml, 1.1 g, total: 3 pcs, 4.6 ml, 2.2 g		
I/a; M50.14	I/-4, (15727)	04. or 05.11.14; 10.10.22	h/d	m; 12–18 mm		1 (Ac1), 2 (Tam)	<i>Acacia nilotica</i> -type: 4 pcs, 1.6 ml, 0.7 g (lprl: 16 mm), <i>Tamarix</i> sp.: 1 pc, 0.9 ml, 0.2 g, total: 5 pcs, 2.5 ml, 0.9 g	Tam: d: 14 mm, r: 7, 9 mm	
I/a; M50.14	I/-4, (15749)	04.11.14; 10.10.22	h/d	m; 20 mm			<i>Acacia nilotica</i> -type: 1 pc, 0.6 ml, 0.3 g (lprl: 20 mm)		
I/a; M50.14	I/-4, (15755)	04.11.14; 10.10.22	h/d	m; 11–28 mm		1 (Ac2), 2 (Ac1), 5 (Tam)	<i>Acacia nilotica</i> -type: 4 pcs, 2.2 ml, 1.2 g (lprl: 16 mm), <i>Acacia</i> sp.: 1 pc, 1.8 ml, 1.2 g, <i>Tamarix</i> sp.: 1 pc, 0.3 ml, 0.1 g, total: 6 pcs, 4.3 ml, 2.5 g		
I/a; M50.14	I/-4, (15772)	08.11.14; 10.10.22	h/d	m; 9–21 mm			<i>Acacia nilotica</i> -type: 9 pcs, 6.0 ml, 2.9 g (lprl: 18 mm)		
I/a; M50.14	I/-4, (15799)	10.11.14; 29.10.19	h/d	m; 10–20 mm			<i>Acacia nilotica</i> -type: 4 pcs, 3.5 ml, 1.9 g (lprl: 17 mm)		
I/a; M50.14	I/-4 / I/-5, (15769)	08.11.14; 19.10.19	h/d	m; 18 mm			<i>Acacia nilotica</i> -type: 1 pc, 0.9 ml, 0.4 g (lprl: 14 mm)		
I/a; M50.14	I/-5 / I/-4, (15769)	06.11.14; 19.10.19	h/d	m; 21, 31 mm			<i>Acacia nilotica</i> -type: 2 pcs, 2.6 ml, 1.5 g (lprl: 14 mm)		
I/a; M50.14	I/-4 / J/-4, (15710)	05.11.14; 19.10.19	h/d	m; 8–21 mm		1 (Ac1), 6 (Tam)	<i>Acacia nilotica</i> -type: 12 pcs, 7.5 ml, 4.1 g (lprl: 18 mm), <i>Tamarix</i> sp.: 6 pcs, 2.1 ml, 0.8 g, total: 18 pcs, 9.6 ml, 4.9 g	Ac1: circumference: r: 10 mm; Tam: r: 8 mm; 10 mm	
I/a; M50.14	I/-4 / J/-4, (15759)	05.11.14; 19.10.19	h/d	m, s; 7–20 mm	h	1 (Tam), 2 (Ac1), 3 (Ced), 22 (Sal), 26 (Fic)	<i>Acacia nilotica</i> -type: 41 pcs, 8.0 ml, 3.8 g (lprl: 15 mm), <i>Cedrus libani</i> : 1 pc, 0.8 ml, 0.1 g, <i>Ficus syco-</i> <i>morus</i> : 1 pc, 0.1 ml, 0.1 g, <i>Salix</i> sp.: 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 6 pcs, 1.5 ml, 0.5 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 51 pcs, 10.7 ml, 4.7 g / <i>herbaceous plant</i> : rhizome (fragment, charred): 1 pc, 0.2 ml, 0.1 g (16 × 7 × 4 mm)		
I/a; M50.14	I/-5, (15766)	06.11.14; 20.10.19	h/d	m; 9–27 mm		1 (Ac1), 6 (Tam)	<i>Acacia nilotica</i> -type: 16 pcs, 9.0 ml, 5.5 g (lprl: 21 mm), <i>Tamarix</i> sp.: 6 pcs, 1.3 ml, 0.4 g, total: 22 pcs, 10.3 ml, 5.9 g		
I/a; M50.14	I/-5, (15775)	08.11.14; 20.10.19	h/d	m; 14–30 mm		1 (Tam), 2 (Ac1)	<i>Acacia nilotica</i> -type: 8 pcs, 12.0 ml, 7.0 g (lprl: 29 mm), <i>Tamarix</i> sp.: 1 pc, 0.4 ml, 0.2 g, bark: 1 pc, 0.8 ml, 0.8 g, total: 10 pcs, 13.2 ml, 8.0 g		
I/a; M50.14	I/-5, (15777)	08.11.14; 20.10.19	h/d	m; 15, 20 mm		1 (Tam), 2 (Ac1)	<i>Acacia nilotica</i> -type: 1 pc, 1.1 ml, 0.6 g (lprl: 19 mm), <i>Tamarix</i> sp.: 1 pc, 0.5 ml, 0.1 g, total: 2 pcs, 1.6 ml, 0.7 g		
I/a; M50.14	J/-4, (15678)	30.10.14; 29.10.19	h/d	m; 13–19 mm		1 (Ac1), 4 (Mim), 9 (Tam)	<i>Acacia nilotica</i> -type: 11 pcs, 7.6 ml, 3.6 g (lprl: 19 mm), <i>Mimusops</i> sp.: 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 2 pcs, 1.7 ml, 1.1 g, total: 14 pcs, 9.5 ml, 4.8 g		

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/a; M50.14	J/-4, (15678)	01.11.14; 31.10.19	h/d	m (l); 9–43 mm		1 (Ac1), 5 (Tam), 10 (Ac2), 24 (Fic)	<i>Acacia nilotica</i> -type: 47 pcs, 42.5 ml, 21.4 g (lprl: 23 mm), <i>Acacia</i> sp.: 1 pc, 1.5 ml, 0.9 g, <i>Ficus syco-</i> <i>morus</i> : 2 pcs, 1.4 ml, 0.4 g, <i>Tamarix</i> sp.: 7 pcs, 6.0 ml, 2.2 g, total: 57 pcs, 51.4 ml, 24.9 g	Ac1: r: 14, 15 mm (with bark); circumference: r: 15 mm (2×, without bark); Tam: r: 16, 17 mm	
I/a; M50.14	J/-4, (15679)	01.11.14; 02.11.19	h/d	m; 11–33 mm		1 (Ac1), 15 (Ac2), 22 (Tam), 72 (Ziz), 73 (Fic)	<i>Acacia nilotica</i> -type: 77 pcs, 66.5 ml, 36.1 g (lprl: 32 mm), <i>Acacia</i> sp.: 1 pc, 0.8 ml, 0.3 g, <i>Ficus sycomorus</i> : 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 9 pcs, 4.0 ml, 1.7 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.4 ml, 0.2 g, bark: 1 pc, 0.7 ml, 0.4 g, total: 90 pcs, 72.5 ml, 38.8 g / fragment of whitish vitreous material: 1 pc, 0.3 ml, 0.6 g (13 × 10 × 7 mm)	Ac1: r: 9, 14 mm; Tam: d: 5, 6 mm; circumference: r: 10 mm	
I/a; M50.14	J/-4, (15679)	02.11.14; 30.10.19	h/d	m; 11–26 mm		1 (Ac1), 15 (Tam), 17 (Faid), 20 (Ac2)	<i>Acacia nilotica</i> -type: 20 pcs, 14.0 ml, 6.2 g (lprl: 23 mm), <i>Acacia</i> sp.: 1 pc, 0.3 ml, 0.1 g, <i>Faidherbia albida</i> : 1 pc, 1.0 ml, 0.2 g, <i>Tamarix</i> sp.: 4 pcs, 1.9 ml, 0.7 g, total: 26 pcs, 17.2 ml, 7.2 g / furnace debris: grey material (with enclosed gas bubbles of various sizes, one side with baked quartz grains): 1 pc, 0.8 ml, 1.0 g (15 × 12 × 7 mm)	Tam: r: 6, 7 mm	
I/a; M50.14	J/-4, (15701)	04.11.14; 29.10.19	h/d	m, s; 6–23 mm		1 (Ac1), 4 (Tam)	<i>Acacia nilotica</i> -type: 14 pcs, 7.5 ml, 3.8 g (lprl: 20 mm), <i>Tamarix</i> sp.: 3 pcs, 0.9 ml, 0.2 g, total: 17 pcs, 8.4 ml, 4.0 g	Tam: r: 6, 8 mm	
I/a; M50.14	J/-4, (15702)	02.11.14; 29.10.19	h/d	m; 8–24 mm		1 (Ac1), 7 (Fic)	<i>Acacia nilotica</i> -type: 11 pcs, 5.0 ml, 3.0 g (lprl: 21 mm), <i>Ficus sycomorus</i> : 1 pc, 0.2 ml, 0.1 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 13 pcs, 5.3 ml, 3.2 g		
I/a; M50.14	J/-4, (15710)	03.11.14; 30.10.19	h/d	m; 8–28 mm		1 (Ac1), 9 (Tam), 12 (Fic), 20 (Ac2)	<i>Acacia nilotica</i> -type: 19 pcs, 15.0 ml, 7.6 g (lprl: 23 mm), <i>Acacia</i> sp.: 1 pc, 0.5 ml, 0.2 g, <i>Ficus sycomorus</i> : 1 pc, 0.9 ml, 0.2 g, <i>Tamarix</i> sp.: 6 pcs, 2.8 ml, 1.0 g, indet.: 3 pcs, 0.7 ml, 0.2 g, total: 30 pcs, 19.9 ml, 9.2 g	Ac1: circumference: r: 25 mm; Tam: r: 8, 9 mm; circumference: r: 10 mm	
I/a; M50.14	J/-4, (15727)	04.11.14; 31.10.19	h/d	m; 10–36 mm		1 (Tam), 2 (Ac2), 3 (Ac1), 52 (Fic)	<i>Acacia nilotica</i> -type: 49 pcs, 46.0 ml, 25.4 g (lprl: 22 mm), <i>Acacia</i> sp.: 2 pcs, 2.5 ml, 1.3 g, <i>Ficus syco-</i> <i>morus</i> : 1 pc, 0.4 ml, 0.1 g, <i>Tamarix</i> sp.: 5 pcs, 3.0 ml, 1.1 g, indet.: 2 pcs, 2.0 ml, 0.9 g, bark: 2 pcs, 0.7 ml, 0.4 g, total: 61 pcs, 54.6 ml, 29.2 g / furnace debris: grey material (with enclosed gas bubbles of various sizes, with vitreous remains): 1 pc, 0.4 ml, 0.8 g (16 × 11 × 9 mm)	Ac1: r: 6 mm; circumfer- ence: r: 15 mm; 25 mm; Tam: r: 6, 7 mm; circumfer- ence: r: 20 mm	
I/a; M50.14	J/-5, (17622)	25.10.17; 05.10.22	h/d	m; 8–35 mm		1 (Ac1), 7 (Fic), 13 (Tam), 18 (Bal)	<i>Acacia nilotica</i> -type: 34 pcs, 19.0 ml, 9.2 g (lprl: 35 mm), <i>Balanites aegyptiaca</i> : 1 pc, 0.4 ml, 0.1 g, <i>Ficus sycomorus</i> : 1 pc, 1.0 ml, 0.2 g, <i>Tamarix</i> sp.: 5 pcs, 2.2 ml, 0.8 g, total: 41 pcs, 22.6 ml, 10.3 g	Tam: d: 9 mm, r: 5 mm	
I/a; M50.14	J/-5, (17624)	16.10.17; 05.10.22	h/d	m; 12–21 mm		1 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 10 pcs, 5.5 ml, 2.8 g (lprl: 15 mm), <i>Tamarix</i> sp.: 1 pc, 0.5 ml, 0.1 g, total: 11 pcs, 6.0 ml, 2.9 g		
I/a; M50.14	J/-5, (17707)	21.10.17; 05.10.22	h/d	s, m; 5–18 mm		1 (Ac1), 4 (Fic), 9 (Tam)	<i>Acacia nilotica</i> -type: 9 pcs, 1.8 ml, 0.8 g (lprl: 17 mm), <i>Ficus sycomorus</i> : 2 pcs, 0.3 ml, 0.1 g, <i>Tamarix</i> sp.: 1 pc, 0.1 ml, 0.1 g, total: 12 pcs, 2.2 ml, 1.0 g		
I/a; M50.14	J/-5, (17707)	25.10.17; 08.10.22	h/d	s, m; 6–23 mm		1 (Ac1), 4 (Tam), 11 (Sal), 56 (Fic), 83 (Ziz)	<i>Acacia nilotica</i> -type: 78 pcs, 16.5 ml, 7.6 g (lprl: 20 mm), <i>Ficus sycomorus</i> : 3 pcs, 0.1 ml, 0.1 g, <i>Salix</i> sp.: 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 18 pcs, 3.4 ml, 1.3 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.1 ml, 0.1 g, bark: 4 pcs, 0.1 ml, 0.1 g, total: 105 pcs, 20.4 ml, 9.3 g	Tam: r: 4 mm; 10 mm	
I/a; M50.14	K/-4, (15689)	06.11.14; 26.10.19	h/d	m; 10–27 mm		1 (Ac1), 6 (Tam)	<i>Acacia nilotica</i> -type: 13 pcs, 6.0 ml, 2.9 g (lprl: 10 mm), <i>Tamarix</i> sp.: 5 pcs, 1.4 ml, 0.4 g, indet.: 1 pc, 0.1 ml, 0.1 g, total: 19 pcs, 7.5 ml, 3.4 g		
I/a; M50.14	K/-4, (15728)	06.11.14; 26.10.19	h/d	m; 11–20 mm		1 (Tam), 2 (Ac1)	<i>Acacia nilotica</i> -type: 4 pcs, 2.5 ml, 1.3 g (lprl: 18 mm), <i>Tamarix</i> sp.: 2 pcs, 1.2 ml, 0.3 g, total: 6 pcs, 3.7 ml, 1.6 g / fragment with quartz grains melted together (with enclosed gas bubbles of various sizes): 1 pc, 0.7 ml, 0.9 g (14 × 12 × 7 mm)	Tam: r: 5 mm	
I/a; M50.14	L/-3, (17578)	21.10.17; 04.10.22	h/d	m; 15 mm			<i>Tamarix</i> sp.: 1 pc, 0.3 ml, 0.1 g		
I/a; M50.14	L/-3, (17742)	30.10.17; 01.10.22	h/d	m, s; 10–25 mm		1 (Mim), 2 (Tam), 3 (Ac1)	<i>Acacia nilotica</i> -type: 13 pcs, 4.7 ml, 2.3 g (lprl: 22 mm), <i>Mimusops</i> sp.: 1 pc, 1.6 ml, 0.7 g, <i>Tamarix</i> sp.: 4 pcs, 1.9 ml, 0.6 g, bark: 1 pc, 0.2 ml, 0.1 g, total: 19 pcs, 8.4 ml, 3.7 g	Ac1: d: 6, 8 mm (without bark); 10, 11 mm (with bark); Tam: r: 4 mm; d: 14 mm, r: 7 mm	
I/a; M50.14	L/-3, (17744)	30.10.17; 22.10.22	h/d	m; 9–28 mm	w, f/s	1 (Ac1), 8 (Ac2), 19 (Ced), 22 (Tam)	<i>Acacia nilotica</i> -type: 40 pcs, 11.6 g (lprl: 26 mm), <i>Acacia</i> sp.: 2 pcs, 0.3 g, <i>Cedrus libani</i> : 3 pcs, 0.1 g (two thin pieces with an orientation transverse to the growth rings, 8 × 8 × 2 mm, 14 × 8 × 3 mm), <i>Tamarix</i> sp.: 5 pcs, 0.4 g, indet.: 1 pc, 0.1 g, bark: 7 pcs, 0.8 g, total: 58 pcs, 13.3 g / uncharred, slightly charred: <i>Acacia nilotica</i> -type: 1 pc, 0.1 g (x) (19 × 6 × 1 mm) / <i>Phoenix dactylifera</i> -seed (complete, charred): 1 pc, 0.2 g (15 × 7 × 7 mm)		rd
I/a; M50.15	I/-3, (15637)	30.10.14; 17-19.10.22	h/d	m; 8–34 mm		1 (Ac1), 7 (Tam), 11 (Ac2), 35 (Fic)	<i>Acacia nilotica</i> -type: 53 pcs, 40.0 ml, 21.5 g (lprl: 34 mm), <i>Acacia</i> sp.: 1 pc, 1.8 ml, 2.2 g, <i>Ficus syco-</i> <i>morus</i> : 2 pcs, 1.0 ml, 0.2 g, <i>Tamarix</i> sp.: 9 pcs, 3.9 ml, 1.2 g, bark: 3 pcs, 0.5 ml, 0.4 g, total: 68 pcs, 47.2 ml, 25.5 g; stick fragment (from a branch, without bark, charred): <i>Acacia</i> sp.: 1 pc, 10.5 ml, 5.0 g (66 × 16, 17 × 14, 15 mm)	Tam: r: 6 mm; d: 9 mm (2×); d: 11, 14 mm, r: 6, 8 mm; circumference: r: 5 mm; 10 mm	

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/a; M50.15	I/-3 / J/-3, (17713)	25.10.17; 29.09.22	h/d	m; 12–25 mm		1 (Ac1), 7 (Tam)	Acacia nilotica-type: 8 pcs, 8.0 ml, 4.4 g (lprl: 20 mm), Tamarix sp.: 2 pcs, 0.5 ml, 0.1 g, total: 10 pcs, 8.5 ml, 4.5 g	Tam: circumference: r: 5 mm	
I/a; M50.15	I/-3 / J/-3, (17713)	26.10.17; 27.09.22	h/d	s, m; 10, 12 mm			Acacia nilotica-type: 2 pcs, 0.4 ml, 0.2 g (lprl: 12 mm)		
I/a; M50.15	I/-3 / J/-3, (17713)	28.10.17; 28.09.22	h/d	m, s; 6–16 mm		1 (Ac1), 4 (Tam)	Acacia nilotica-type: 5 pcs, 1.3 ml, 0.7 g (lprl: 15 mm), Tamarix sp.: 1 pc, 0.6 ml, 0.3 g, total: 6 pcs, 1.9 ml, 1.0 g		
I/a; M50.15	J/-2 N, (17725)	26.10.17; 28.09.22	h/d	m; 16–23 mm		1 (Mim), 2 (Ac1), 4 (Tam)	Acacia nilotica-type: 2 pcs, 1.8 ml, 1.0 g (lprl: 12 mm), Mimusops sp.: 1 pc, 1.4 ml, 0.8 g, Tamarix sp.: 1 pc, 0.6 ml, 0.1 g, total: 4 pcs, 3.8 ml, 1.9 g	Mim: r: 8 mm (without bark); Tam: r: 7 mm (with bark)	
I/a; M50.15	J/-3 / I/-3, (17714)	28.10.17; 28.09.22	h/d	m; 12, 16, 19 mm		1 (Tam), 2 (Ac1)	Acacia nilotica-type: 2 pcs, 1.1 ml, 0.5 g (lprl: 15 mm), Tamarix sp.: 1 pc, 0.8 ml, 0.4 g, total: 3 pcs, 1.9 ml, 0.9 g		
I/a; M50.16	G/-2, (17569) (probably (17659))	28.10.17; 28.09.22	h/d	m; 20, 29 mm			Acacia nilotica-type: 2 pcs, 5.0 ml, 2.6 g (lprl: 25 mm)	Ac1: r (at upper end not complete): 11 mm	
I/a; M50.16	H/-2, (17659)	28.10.17; 27.09.22	h/d	m, s; 12, 13, 19 mm		1 (Ac1), 3 (Tam)	Acacia nilotica-type: 2 pcs, 1.3 ml, 0.6 g (lprl: 16 mm), Tamarix sp.: 1 pc, 0.4 ml, 0.1 g, total: 3 pcs, 1.7 ml, 0.7 g	Tam: r: 5, 6 mm	
I/a; M50.16	I/-2, (17659)	31.10.17; 28.09.22	h/d	m, s; 6–12 mm		1 (Tam), 3 (Ac1)	Acacia nilotica-type: 1 pc, 0.3 ml, 0.1 g (lprl: 11 mm), Tamarix sp.: 2 pcs, 0.3 ml, 0.1 g, total: 3 pcs, 0.6 ml, 0.2 g	Tam: r: 6 mm	
I/a; M50.16	I/-2, (17670)	26.10.17; 02.10.22	h/d	m; 11–33 mm		1 (Ac1), 10 (Tam), 15 (Ac2)	Acacia nilotica-type: 17 pcs, 13.0 ml, 7.0 g (lprl: 31 mm), Acacia sp.: 2 pcs, 0.4 ml, 0.2 g, Tamarix sp.: 2 pcs, 0.5 ml, 0.2 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 22 pcs, 14.0 ml, 7.5 g	Tam: r: 4, 7 mm	
I/a; M50.16	I/-2, (17670)	28.10.17; 29.09.22	h/d	m; 11–22 mm	h	1 (Ac1), 2 (Ced), 3 (Mim)	Acacia nilotica-type: 5 pcs, 2.3 ml, 1.1 g (lprl: 17 mm), Cedrus libani: 1 pc, 0.7 ml, 0.3 g, Mimusops sp.: 1 pc, 0.5 ml, 0.2 g, total: 7 pcs, 3.5 ml, 1.6 g / herbaceous plant: stem (fragment, charred): 1 pc, 0.1 ml, 0.1 g (10 × 5 × 4 mm) / raw glass ingot (fragment): 1 pc, 0.6 ml, 1.4 g (12 × 11 × 11 mm)		
I/a; M50.16	I/-2, (17670)	30.10.17; 01.10.22	h/d	m; 20–30 mm		1 (Ac1), 4 (Tam)	Acacia nilotica-type: 3 pcs, 6.5 ml, 3.2 g (lprl: 25 mm), Tamarix sp.: 1 pc, 0.7 ml, 0.2 g, total: 4 pcs, 7.2 ml, 3.4 g		
I/a; M50.16	I/-2, (17670)	31.10.17; 27.09.22	h/d	s, m; 10, 11, 17 mm		1 (Tam), 2 (Ac1)	Acacia nilotica-type: 2 pcs, 0.2 ml, 0.1 g (lprl: 11 mm), Tamarix sp.: 1 pc, 1.1 ml, 0.4 g, total: 3 pcs, 1.3 ml, 0.5 g		
I/a; M50.16	I/-2 N, (17659)	30.10.17; 02.10.22	h/d	s, m (l); 8–45 mm		1 (Ac1), 22 (Tam), 37 (Faid)	Acacia nilotica-type: 31 pcs, 22.0 ml, 12.0 g (lprl: 25 mm), Faidherbia albida: 1 pc, 0.1 ml, 0.1 g, Tamarix sp.: 2 pcs, 0.3 ml, 0.1 g, bark: 3 pcs, 0.4 ml, 0.3 g, total: 37 pcs, 22.8 ml, 12.5 g / small fragment with some remains of oxidised copper or copper alloy (crucible): 1 pc, 0.2 ml, 0.5 g (10 × 8 × 6 mm)		
I/a; M50.16	I/-3, (15614)	20.10.14; 17.10.22	h/d	m; 12–29 mm		1 (Ac1), 14 (Ac2)	Acacia nilotica-type: 10 pcs, 12.0 ml, 5.9 g (lprl: 25 mm), Acacia sp.: 2 pcs, 0.4 ml, 0.1 g, bark: 3 pcs, 0.9 ml, 1 g, total: 15 pcs, 13.3 ml, 7.0 g	Ac1: circumference: r: 15 mm	

c) Phase I/II

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/a, II/a; M50.14	I/-4, (15630)	21.10.14; 11.10.22	h/d	s, m; 5–22 mm			Acacia nilotica-type: 25 pcs, 7.0 ml, 3.9 g (lprl: 21 mm)		
I/a, II/a; M50.14	I/-4, (15630)	22.10.14; 12.10.22	h/d	m, s; 9–24 mm		1 (Ac1), 2 (Fic)	Acacia nilotica-type: 18 pcs, 8.0 ml, 3.6 g (lprl: 24 mm), Ficus sycomorus: 2 pcs, 1.2 ml, 0.2 g, bark: 3 pcs, 0.8 ml, 0.5 g, total: 23 pcs, 10.0 ml, 4.3 g		
I/a, II/a; M50.14	I/-4, (15630)	23.10.14; 11.10.22	h/d	m; 11, 14, 16 mm			Acacia nilotica-type: 3 pcs, 1.5 ml, 0.5 g (lprl: 13 mm)		
I/a, II/a; M50.14	I/-4, (15630)	25.10.14; 12.10.22	h/d	m; 8–29 mm		1 (Ac1), 8 (Faid), 17 (Tam), 43 (Ac2), 59 (Ced)	Acacia nilotica-type: 52 pcs, 35.0 ml, 16.6 g (lprl: 27 mm), Acacia sp.: 1 pc, 0.3 ml, 0.1 g, Cedrus libani: 1 pc, 0.1 ml, 0.1 g, Faidherbia albida: 1 pc, 1.6 ml, 0.3 g, Tamarix sp.: 3 pcs, 1.7 ml, 0.6 g, bark: 1 pc, 0.2 ml, 0.1 g, total: 59 pcs, 38.9 ml, 17.8 g / furnace debris: grey material (with enclosed gas bubbles of various sizes): 1 pc, 0.6 ml, 1.1 g (14 × 11 × 9 mm)		
I/a, II/a; M50.14	I/-4, (15630)	30.10.14; 11.10.22	h/d	m; 9–16 mm		1 (Ac1), 4 (Tam)	Acacia nilotica-type: 5 pcs, 1.6 ml, 0.6 g (lprl: 16 mm), Tamarix sp.: 2 pcs, 0.1 ml, 0.1 g, total: 7 pcs, 1.7 ml, 0.7 g		

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documentation of sample content reduced
I/a, II/a; M50.14	I/-4, (15630)	01.11.14; 12.10.22	h/d	m; 10–20 mm		1 (Ac1), 2 (Tam)	Acacia nilotica-type: 6 pcs, 2.3 ml, 0.9 g (lprl: 14 mm), Tamarix sp.: 1 pc, 1.0 ml, 0.3 g, indet.: 1 pc, 0.9 ml, 0.5 g, total: 8 pcs, 4.2 ml, 1.7 g		
I/a, II/a; M50.14	I/-4, (15630)	05.11.14; 11.10.22	h/d	m; 16, 21 mm			Acacia nilotica-type: 2 pcs, 1.9 ml, 0.8 g (lprl: 14 mm)		
I/a / II/a; M50.14	K/-4, (15669)	29.10.14; 27.10.19	h/d	m; 6–23 mm	h	1 (Ac1), 16 (Tam), 58 (Fic), 81 (Mim)	Acacia nilotica-type: 96 pcs, 28.0 ml, 13.5 g (lprl: 16 mm), Ficus sycomorus: 1 pc, 0.1 ml, 0.1 g, Mimusops sp.: 1 pc, 0.2 ml, 0.1 g, Tamarix sp.: 19 pcs, 3.7 ml, 1.3 g, indet.: 2 pcs, 0.1 ml, 0.1 g, total: 119 pcs, 32.1 ml, 15.1 g / herbaceous plant: stem (wall fragment, charred): 1 pc, 0.1 ml, 0.1 g (14 × 6 × 2 mm, thickness: wall)	Tam: circumference: r: 5 mm	
Ia / II/a; M50.14	K/-4, (15623), does not match with the other data, maybe (15673)	29.10.14; 27.10.19	h/d	m; 6–31 mm		1 (Ac1), 17 (Ac2), 29 (Tam), 55 (Mim), 119 (Fic)	Acacia nilotica-type: 88 pcs, 44.0 ml, 22.1 g (lprl: 31 mm), Acacia sp.: 3 pcs, 1.7 ml, 1.1 g, Ficus syco-morus: 1 pc, 0.1 ml, 0.1 g, Mimusops sp.: 1 pc, 0.1 ml, 0.1 g, Tamarix sp.: 7 pcs, 1.5 ml, 0.5 g, indet.: 3 pcs, 0.2 ml, 0.1 g, total: 103 pcs, 47.6 ml, 24.0 g	Ac1: r: 8, 9 mm; circumfer-ence: r: 10 mm (with small remains of bark)	
I/a / II/a; M50.14	K/-4, (15674)	25.10.14; 26.10.19	h/d	m; 7–23 mm		1 (Ac1), 6 (Tam), 9 (Ced)	Acacia nilotica-type: 17 pcs, 7.5 ml, 3.8 g (lprl: 11 mm), Cedrus libani: 1 pc, 0.2 ml, 0.1 g, Tamarix sp.: 4 pcs, 1.1 ml, 0.4 g, total: 22 pcs, 8.8 ml, 4.3 g		
I/a / II/a; M50.14	K/-4 / L/-4, (15716)	10.11.14; 19./20.10.19	h/d	m, s; 6–29 mm	w	1 (Ac1), 10 (Tam), 25 (Sal), 40 (Mim), 42 (Ced), 51 (Ac2), 61 (Fic)	Acacia nilotica-type: 74 pcs, 25.0 ml, 12.0 g (lprl: 22 mm), Acacia sp.: 1 pc, 0.2 ml, 0.1 g, Cedrus libani: 1 pc, 0.5 ml, 0.1 g, Ficus sycomorus: 1 pc, 0.1 ml, 0.1 g, Mimusops sp.: 2 pcs, 0.4 ml, 0.1 g, Salix sp.: 2 pcs, 0.9 ml, 0.2 g, Tamarix sp.: 18 pcs, 5.4 ml, 2.2 g, bark: 6 pcs, 2.1 ml, 1.0 g, total: 105 pcs, 34.6 ml, 15.8 g / uncharred, slightly charred: Acacia nilotica-type: 1 pc, 0.6 ml, 0.6 g (o) (65 × 6 × 3 mm)		

d) Phase II

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documenta-tion of sample content reduced
II/e; M50.14	G/-5, (17698)	26.10.17; 27.09.22	h/d	m; 20, 23, 24 mm			Acacia nilotica-type: 3 pcs, 3.5 ml, 2.1 g (lprl: 22 mm)		
II/e; M50.14	K/-2, (17582)	10.10.17; 04.10.22	h/d	m; 12–22 mm		1 (Ac1), 3 (Tam)	Acacia nilotica-type: 3 pcs, 1.6 ml, 0.6 g (lprl: 22 mm), Tamarix sp.: 2 pcs, 1.0 ml, 0.4 g, total: 5 pcs, 2.6 ml, 1.0 g	Tam: d: 8 mm	
II/e; M50.14	K/-2, (17582)	12.10.17; 05.10.22	h/d	m, s; 7–28 mm	h	1 (Ac1), 7 (Tam), 11 (Palm)	Acacia nilotica-type: 6 pcs, 14.0 ml, 2.7 g (lprl: 22 mm), Palmae, perf. pls. not obs.: 1 pc, 0.1 ml, 0.1 g, Tamarix sp.: 2 pcs, 0.1 ml, 0.1 g, indet: 1 pc, 0.1 ml, 0.1 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 11 pcs, 14.4 ml, 3.1 g / herbaceous plant: rhizome (fragment, charred): 2 pcs, 0.3 ml, 0.1 g (18 × 4 × 3 mm, 18 × 7 × 4 mm)		
II/e; M50.14	L/-2, (17641)	25.10.17; 02.10.22	h/d	m; 11–25 mm		1 (Ac1), 4 (Ziz)	Acacia nilotica-type: 17 pcs, 11.5 ml, 5.8 g (lprl: 24 mm), Ziziphus spina-christi: 1 pc, 0.9 ml, 0.3 g, total: 18 pcs, 12.4 ml, 6.1 g	Ac1: circumference: r: 10 mm	
II/a; M50.14	G/-2, (17598)	22.10.17; 03.11.22	h/d	m; 12–19 mm		1 (Ac1), 2 (Tam)	Acacia nilotica-type: 3 pcs, 1.6 ml, 1.0 g (lprl: 17 mm), Tamarix sp.: 1 pc, 0.6 ml, 0.2 g, total: 4 pcs, 2.2 ml, 1.2 g		
II/a; M50.14	G/-2 N, (17505)	21.10.17; 03.11.22	h/d	m; 15, 18 mm			Acacia nilotica-type: 2 pcs, 1.6 ml, 0.7 g (lprl: 13 mm)		
II/a; M50.14	G/-3, (15610)	22.10.14; 05.11.19	h/d	m; 7–22 mm	d	1 (Ac1), 21 (Tam), 29 (Fic)	Acacia nilotica-type: 119 pcs, 37.0 ml, 17.9 g (lprl: 18 mm), Ficus sycomorus: 1 pc, 0.4 ml, 0.1 g, Tamarix sp.: 15 pcs, 4.0 ml, 1.6 g, indet.: 2 pcs, 0.6 ml, 0.2 g, bark: 2 pcs, 0.2 ml, 0.1 g, total: 139 pcs, 42.2 ml, 19.9 g / animal dung (fragment, charred): 1 pc, 0.2 ml, 0.1 g (13 × 9 × 4 mm)	Ac1: r: 10 mm (2×)	
II/a; M50.14	G/-3, (15610)	23.10.14; 05.11.19	h/d	m; 7–29 mm	d	1 (Ac1), 2 (Tam), 45 (Ac2), 46 (Fic), 114 (Ziz)	Acacia nilotica-type: 107 pcs, 42.0 ml, 20.1 g (lprl: 25 mm), Acacia sp.: 1 pc, 0.4 ml, 0.2 g, Ficus syco-morus: 1 pc, 0.4 ml, 0.1 g, Tamarix sp.: 14 pcs, 4.0 ml, 1.6 g, Ziziphus spina-christi: 1 pc, 0.1 ml, 0.1 g, bark: 1 pc, 1.0 ml, 0.8 g, total: 125 pcs, 47.9 ml, 22.9 g / animal dung (fragment, charred): 1 pc, 0.5 ml, 0.6 g (22 × 19 × 8 mm)		
II/a; M50.14	G/-3, (15610)	25.10.14; 04.11.19	h/d	m; 9–24 mm	d	1 (Ac1), 21 (Tam)	Acacia nilotica-type: 25 pcs, 13.5 ml, 7.0 g (lprl: 21 mm), Tamarix sp.: 2 pcs, 0.2 ml, 0.1 g, indet.: 2 pcs, 1.0 ml, 0.2 g, total: 29 pcs, 14.7 ml, 7.3 g / animal dung (fragment, charred): 1 pc, 0.7 ml, 0.2 g (17 × 15 × 6 mm)		
II/a; M50.14	G/-3, (17676)	29.10.17; 03.10.22	h/d	m (l); 9–40 mm		1 (Mim), 2 (Ac1), 4 (Tam), 33 (Faid)	Acacia nilotica-type: 21 pcs, 9.0 ml, 5.0 g (lprl: 26 mm), Faidherbia albida: 1 pc, 0.4 ml, 0.1 g, Mimusops sp.: 1 pc, 1.5 ml, 0.7 g, Tamarix sp.: 4 pcs, 1.6 ml, 0.6 g, total: 27 pcs, 12.5 ml, 6.4 g / small fragments with some remains of oxidised copper or copper alloy (crucible): 4 pcs, 0.4 ml, 1.0 g (6 × 6 × 4 mm, 7 × 5 × 4 mm, 7 × 6 × 4 mm, 11 × 8 × 8 mm)	Ac1: r: 5 mm; Tam: r: 5, 7 mm; d: 5 mm	
II/a; M50.14	G/-4, (15609)	26.10.14; 20.10.19	h/d	m; 12–21 mm		1 (Ac1), 8 (Tam)	Acacia nilotica-type: 10 pcs, 6.5 ml, 3.2 g (lprl: 11 mm), Tamarix sp.: 1 pc, 0.9 ml, 0.4 g, total: 11 pcs, 7.4 ml, 3.6 g	Ac1: circumference: r: 20 mm	

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documenta- tion of sample content reduced
II/a; M50.14	G/-4, (15655)	27.10.14; 21.10.19	h/d	m; 10–30 mm	d	1 (Ac1), 2 (Fic), 19 (Mim), 21 (Tam)	<i>Acacia nilotica</i> -type: 38 pcs, 24.7 ml, 11.7 g (lprl: 17 mm), <i>Ficus sycomorus</i> : 3 pcs, 2.2 ml, 0.6 g, <i>Mimusops sp.</i> : 1 pc, 0.4 ml, 0.1 g, <i>Tamarix sp.</i> : 6 pcs, 1.8 ml, 0.7 g, <i>indet.</i> : 4 pcs, 2.6 ml, 1.1 g, bark: 1 pc, 0.4 ml, 0.2 g, total: 53 pcs, 32.1 ml, 14.4 g / animal dung (fragment, charred): 1 pc, 1.1 ml, 0.4 g (18 × 11 × 10 mm)	Tam: d: 9 mm	
II/a; M50.14	G/-4, (15667)	29.10.14; 20./21.10.19	h/d	m; 13–29 mm	f/s	1 (Sal), 2 (Ac1), 16 (Tam)	<i>Acacia nilotica</i> -type: 14 pcs, 19.0 ml, 9.6 g (lprl: 23 mm), <i>Salix sp.</i> : 2 pcs, 4.0 ml, 1.1 g, <i>Tamarix sp.</i> : 1 pc, 0.8 ml, 0.3 g, total: 17 pcs, 23.8 ml, 11.0 g / <i>Phoenix dactylifera</i> -seed (complete, charred): 1 pc, 0.5 ml, 0.3 g (16 × 7 × 6 mm)		
II/a; M50.14	G/-4, (17513)	23.10.17; 03.11.22	h/d	m, s; 10–19 mm			<i>Acacia nilotica</i> -type: 9 pcs, 4.5 ml, 2.4 g (lprl: 18 mm)		
II/a; M50.14	G/-4, (17513)	25.10.17; 28.09.22	h/d	m; 12–19 mm			<i>Acacia nilotica</i> -type: 6 pcs, 2.9 ml, 1.4 g (lprl: 15 mm)		
II/a; M50.14	G/-4, (17513)	29.10.17; 03.11.22	h/d	m; 15–28 mm			<i>Acacia nilotica</i> -type: 4 pcs, 5.5 ml, 2.7 g (lprl: 23 mm)		
II/a; M50.14	H/-2 N, (17506)	21.10.17; 03.11.22	h/d	m; 11–22 mm			<i>Acacia nilotica</i> -type: 5 pcs, 3.3 ml, 1.7 g (lprl: 19 mm)		
II/a; M50.14	H/-5, (15757)	06.11.14; 19.10.19	h/d	m; 7–17 mm		1 (Ac1), 2 (Tam)	<i>Acacia nilotica</i> -type: 6 pcs, 2.0 ml, 1.0 g (lprl: 14 mm), <i>Tamarix sp.</i> : 2 pcs, 0.4 ml, 0.1 g, total: 8 pcs, 2.4 ml, 1.1 g		
II/a; M50.14	I/-2 N, (17507)	22.10.17; 03.11.22	h/d	m, s; 11–34 mm		1 (Ac1), 5 (Tam)	<i>Acacia nilotica</i> -type: 6 pcs, 8.0 ml, 4.0 g (lprl: 27 mm), <i>Tamarix sp.</i> : 1 pc, 0.7 ml, 0.2 g, total: 7 pcs, 8.7 ml, 4.2 g		
II/a; M50.14	I/-2 N, (17507)	23.10.17; 03.11.22	h/d	m, s; 8–17 mm		1 (Ac1), 2 (Tam), 5 (Fic)	<i>Acacia nilotica</i> -type: 5 pcs, 2.1 ml, 0.8 g (lprl: 12 mm), <i>Ficus sycomorus</i> : 1 pc, 0.7 ml, 0.2 g, <i>Tamarix sp.</i> : 1 pc, 0.7 ml, 0.2 g, total: 7 pcs, 3.5 ml, 1.2 g		
II/a; M50.14	I/-4, (15605)	19.10.14; 12./13.10.22	h/d	s, m; 6–28 mm		1 (Ac1), 35 (Tam), 52 (Ac2), 59 (Mim), 60 (Fic), 142 (Ziz)	<i>Acacia nilotica</i> -type: 197 pcs, 69.0 ml, 33.6 g (lprl: 27 mm), <i>Acacia sp.</i> : 6 pcs, 0.8 ml, 0.4 g, <i>Ficus syco-morus</i> : 4 pcs, 0.7 ml, 0.2 g, <i>Mimusops sp.</i> : 2 pcs, 0.1 ml, 0.1 g, <i>Tamarix sp.</i> : 23 pcs, 5.4 ml, 1.9 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.1 ml, 0.1 g, <i>indet.</i> : 4 pcs, 0.8 ml, 0.3 g, bark: 4 pcs, 1.0 ml, 0.3 g, total: 241 pcs, 77.9 ml, 36.9 g / furnace debris: grey material (with enclosed gas bubbles of various sizes): 2 pcs, 0.5 ml, 1.0 g (12 × 8 × 6 mm, 13 × 7 × 7 mm)	Ac1: circumference: r: 10 mm (2×); 15 mm	
II/a; M50.14	I/-4, (15623)	21.10.14; 10.10.22	h/d	s, m; 10–13 mm		1 (Ac1), 2 (Ced), 4 (Sal)	<i>Acacia nilotica</i> -type: 4 pcs, 0.6 ml, 0.2 g (lprl: 13 mm), <i>Cedrus libani</i> : 1 pc, 0.1 ml, 0.1 g, <i>Salix sp.</i> : 1 pc, 0.1 ml, 0.1 g, total: 6 pcs, 0.8 ml, 0.4 g / furnace debris: grey material (with enclosed gas bubbles of vari-ous sizes): 1 pc, 0.5 ml, 0.9 g (12 × 13 × 9 mm)	Sal: d: 10 mm, r: 5, 7 mm	
II/a; M50.14	I/-4, (15641)	29.10.14; 10.10.22	h/d	m, s; 9, 15, 22 mm			<i>Acacia nilotica</i> -type: 3 pcs, 1.7 ml, 0.8 g (lprl: 14 mm)	Ac1: circumference: r: 20 mm	
II/a; M50.14	I/-4, (15705)	02.11.14; 10.10.22	h/d	m; 16 mm			<i>Acacia nilotica</i> -type: 1 pc, 0.8 ml, 0.3 g (lprl: 11 mm)		
II/a; M50.14	I/-5, (15750)	04.11.14; 20.10.19	h/d	m; 13–26 mm			<i>Acacia nilotica</i> -type: 5 pcs, 4.5 ml, 2.8 g (lprl: 16 mm)		
II/a; M50.14	I/-5, (15753)	05.11.14; 20.10.19	h/d	m; 12–35 mm		1 (Ac1), 12 (Tam)	<i>Acacia nilotica</i> -type: 43 pcs, 40.0 ml, 21.2 g (lprl: 30 mm), <i>Tamarix sp.</i> : 8 pcs, 6.5 ml, 2.8 g, <i>indet.</i> : 2 pcs, 0.4 ml, 0.1 g, bark: 2 pcs, 3.7 ml, 2.1 g, total: 55 pcs, 50.6 ml, 26.2 g / furnace debris: grey material (with enclosed gas bubbles of various sizes, with attached baked quartz grains): 1 pc, 2.2 ml, 4.8 g (23 × 17 × 15 mm)	Ac1: r: 10, 12 mm; 13, 15 mm; 17, 18 mm	
II/a; M50.14	J/-4, (15662)	30.10.14; 02.11.19	h/d	m; 9–31 mm		1 (Ac1), 2 (Sal), 10 (Tam), 48 (Ac2), 62 (Chen)	<i>Acacia nilotica</i> -type: 57 pcs, 50.0 ml, 24.7 g (lprl: 25 mm), <i>Acacia sp.</i> : 1 pc, 0.2 ml, 0.1 g, <i>Chenopodiaceae</i> , <i>concentric type</i> : 1 pc, 0.1 ml, 0.1 g, <i>Salix sp.</i> : 1 pc, 1.5 ml, 1.0 g, <i>Tamarix sp.</i> : 7 pcs, 3.7 ml, 1.5 g, <i>indet.</i> : 2 pcs, 0.5 ml, 0.2 g, total: 69 pcs, 56.0 ml, 27.6 g	Ac1: circumference: r: 15 mm; 25 mm; Sal: r: 11, 13 mm; Tam: circumference: r: 25 mm	
II/a; M50.14	J/-4, (15662)	09.11.14; 29.10.19	h/d	m; 7–21 mm		1 (Ac1), 10 (Tam), 21 (Sal)	<i>Acacia nilotica</i> -type: 26 pcs, 5.8 ml, 2.8 g (lprl: 18 mm), <i>Salix sp.</i> : 1 pc, 0.1 ml, 0.1 g, <i>Tamarix sp.</i> : 2 pcs, 0.2 ml, 0.1 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 30 pcs, 6.2 ml, 3.1 g		
II/a; M50.14	J/-4, (15662)	10.11.14; 30.10.19	h/d	m, s; 6–23 mm		1 (Ac1), 7 (Tam), 26 (Ac2)	<i>Acacia nilotica</i> -type: 25 pcs, 5.7 ml, 2.9 g (lprl: 21 mm), <i>Acacia sp.</i> : 1 pc, 0.1 ml, 0.1 g, <i>Tamarix sp.</i> : 3 pcs, 0.3 ml, 0.1 g, bark: 2 pcs, 0.1 ml, 0.1 g, total: 31 pcs, 6.2 ml, 3.2 g		
II/a; M50.14	J/-5, (17515)	14.10.17; 03.11.22	h/d	m; 22 mm			<i>Acacia nilotica</i> -type: 1 pc, 1.2 ml, 0.6 g (lprl: 17 mm)		
II/a; M50.14	K/-2, (17509)	12.10.17; 03.11.22	h/d	s, m; 8–13 mm			<i>Tamarix sp.</i> : 4 pcs, 0.6 ml, 0.2 g	Tam: circumference: r: 10 mm	

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documenta- tion of sample content reduced
II/a; M50.14	K/-3, (17567)	15.10.17; 25.10.22	h/d	m, s; 8–20 mm		1 (Tam), 2 (Ac1), 3 (Fic), 4 (Mim)	<i>Acacia nilotica</i> -type: 10 pcs, 1.7 g (lprl: 20 mm), <i>Ficus sycomorus</i> : 1 pc, 0.2 g, <i>Mimusops</i> sp.: 1 pc, 0.2 g, <i>Tamarix</i> sp.: 4 pcs, 0.2 g, indet.: 1 pc, 0.1 g, total: 17 pcs, 2.4 g		rd
II/a; M50.14	K/-4, (15664)	28.10.14; 26.10.19	h/d	m; 9–35 mm		1 (Ac1), 5 (Fic), 13 (Tam)	<i>Acacia nilotica</i> -type: 23 pcs, 29.0 ml, 15.1 g (lprl: 29 mm), <i>Ficus sycomorus</i> : 1 pc, 0.4 ml, 0.1 g, <i>Tamarix</i> sp.: 1 pc, 0.4 ml, 0.1 g, total: 25 pcs, 29.8 ml, 15.3 g		
II/a; M50.14	K/-4, (15664)	29.10.14; 29./31.10.19	h/d	m; 8–33 mm	h	1 (Ac1), 12 (Tam), 26 (Ac2), 28 (Ziz), 150 (Faid)	<i>Acacia nilotica</i> -type: 115 pcs, 117.0 ml, 57.4 g (lprl: 30 mm), <i>Acacia</i> sp.: 4 pcs, 3.0 ml, 1.6 g, <i>Faidherbia albida</i> : 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 26 pcs, 10.5 ml, 4.0 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.7 ml, 0.3 g, indet.: 6 pcs, 2.9 ml, 1.9 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 154 pcs, 134.3 ml, 65.4 g / herbaceous plant: rhizome (fragment, charred): 1 pc, 0.1 ml, 0.1 g (14 × 5 × 4 mm) / furnace debris: grey material (with enclosed gas bubbles of various sizes, with attached baked quartz grains): 1 pc, 0.6 ml, 0.6 g (14 × 12 × 7 mm)	Ac1: r: 28, 30 mm; Ac2: r: 9, 11 mm	
II/a; M50.14	L/-4, (15684)	01.11.14; 23./24.10.19	h/d	m; 7–32 mm		1 (Ac1), 7 (Tam), 15 (Ac2), 27 (Mim), 36 (Palm)	<i>Acacia nilotica</i> -type: 83 pcs, 33.0 ml, 18.1 g (lprl: 30 mm), <i>Acacia</i> sp.: 6 pcs, 2.6 ml, 0.8 g, <i>Mimusops</i> sp.: 1 pc, 0.8 ml, 0.3 g, <i>Palmae</i> , perf. pls. not obs.: 1 pc, 0.5 ml, 0.3 g, <i>Tamarix</i> sp.: 9 pcs, 2.6 ml, 1.4 g, indet.: 4 pcs, 1.2 ml, 0.6 g, total: 104 pcs, 40.7 ml, 21.5 g / furnace debris: grey material (with enclosed gas bubbles of various sizes): 1 pc, 0.7 ml, 0.9 g (13 × 10 × 9 mm), fragment with baked quartz grains (one side with a thin layer of vitreous material): 1 pc, 0.3 ml, 0.7 g (13 × 10 × 6 mm)	Ac1: r: 12, 13 mm; Tam: r: 6 mm	
II/a; M50.14	L/-4, (15684)	02.11.14; 24./28.10.19	h/d	m (l); 6–39 mm	w	1 (Tam), 2 (Ac1), 10 (Ac2), 29 (Mim), 86 (Fic), 107 (Ziz), 214 (Quer), 269 (Ced), 297 (Prun), 362 (Palm), 372 (Faid)	<i>Acacia nilotica</i> -type: 256 pcs, 108.0 ml, 48.3 g (lprl: 21 mm), <i>Acacia</i> sp.: 5 pcs, 2.0 ml, 1.0 g, <i>Cedrus libani</i> : 1 pc, 0.1 ml, 0.1 g, <i>Faidherbia albida</i> : 1 pc, 0.1 ml, 0.1 g, <i>Ficus sycomorus</i> : 5 pcs, 1.9 ml, 0.5 g, <i>Mimusops</i> sp.: 5 pcs, 1.0 ml, 0.4 g, <i>Palmae</i> , scal. perf. pls.: 2 pcs, 1.5 ml, 1.2 g, <i>Prunus</i> sp. (semi-ring-po-rous): 1 pc, 0.7 ml, 0.3 g (from a branch, without bark, 11 × 14 × 9 mm), <i>Quercus</i> sp., evergreen: 1 pc, 0.3 ml, 0.1 g, <i>Tamarix</i> sp.: 57 pcs, 12.0 ml, 6.4 g, <i>Ziziphus spina-christi</i> : 1 pc, 0.5 ml, 0.2 g, indet.: 15 pcs, 3.4 ml, 1.4 g, bark: 4 pcs, 0.4 ml, 0.2 g, total: 354 pcs, 131.9 ml, 60.2 g / uncharred, slightly charred: indet.: 1 pc, 0.2 ml, 0.2 g (o) (26 × 4 × 4 mm) / furnace debris: grey material (with enclosed gas bubbles of various sizes, largest piece with small remains of oxidised copper or copper alloy): 5 pcs, 2.9 ml, 3.7 g (12 × 9 × 6 mm, 10 × 10 × 7 mm, 13 × 10 × 10 mm, 15 × 13 × 8 mm, 19 × 14 × 10 mm)	Ac1: d: 10, 11 mm; 17, 20 mm; circumference: r: 10 mm (4×); Prun: r: 9 mm; Tam: circumference: r: 5 mm (4×); 10 mm	
II/a; M50.14	L/-4, (17517)	08.10.17; 03.11.22	h/d	m, s; 7–26 mm		1 (Ac1), 13 (Tam)	<i>Acacia nilotica</i> -type: 16 pcs, 11.0 ml, 5.0 g (lprl: 16 mm), <i>Tamarix</i> sp.: 1 pc, 0.2 ml, 0.1 g, total: 17 pcs, 11.2 ml, 5.1 g	Ac1: d: 24 mm, r: 5 mm (with bark); circumference: r: 15 mm (without bark)	
II/a; M50.15	I/-2, (17727)	26.10.17; 27.09.22	h/d	m; 16, 17 mm			<i>Acacia nilotica</i> -type: 2 pcs, 1.3 ml, 0.6 g (lprl: 14 mm)		
II/a; M50.15	I/-2 N, (17704)	25.10.17; 27.09.22	h/d	m; 25 mm			<i>Acacia nilotica</i> -type: 1 pc, 2.0 ml, 1.5 g (lprl: 23 mm)		
II/a; M50.15	I/-3, (15645)	26.10.14; 20.10.19	h/d	m, s; 9–22 mm		1 (Ac1), 6 (Tam)	<i>Acacia nilotica</i> -type: 17 pcs, 5.8 ml, 2.8 g (lprl: 16 mm), <i>Tamarix</i> sp.: 4 pcs, 1.1 ml, 0.4 g, indet.: 2 pcs, 0.1 ml, 0.1 g, bark: 1 pc, 0.4 ml, 0.2 g, total: 24 pcs, 7.4 ml, 3.5 g		
II/a; M50.15	J/-2, (17508)	07.10.17; 03.11.22	h/d	m; 13, 14 mm			<i>Acacia nilotica</i> -type: 2 pcs, 0.9 ml, 0.4 g (lprl: 12 mm)		
II/a; M50.15	J/-3, (17542)	25.10.17; 03.10.22	h/d	s, m; 5–25 mm		1 (Ac1), 14 (Tam), 36 (Ac2)	<i>Acacia nilotica</i> -type: 43 pcs, 16.0 ml, 8.3 g (lprl: 25 mm), <i>Acacia</i> sp.: 1 pc, 0.1 ml, 0.1 g, <i>Tamarix</i> sp.: 15 pcs, 2.8 ml, 1.0 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 60 pcs, 19.0 ml, 9.5 g		
II/a; M50.15	J/-3, (17542)	26.10.17; 03.10.22	h/d	m, s; 6–26 mm	h	1 (Ac1), 15 (Tam)	<i>Acacia nilotica</i> -type: 39 pcs, 14.0 ml, 7.9 g (lprl: 22 mm), <i>Tamarix</i> sp.: 8 pcs, 1.5 ml, 0.5 g, total: 47 pcs, 15.5 ml, 8.4 g / herbaceous plant: rhizome (fragment, charred): 1 pc, 0.1 ml, 0.1 g (14 × 3 × 3 mm)	Ac1: d: 18 mm; Tam: r: 8 mm; d: 8 mm (2×)	
II/a; M50.16	G/-3, (15650)	26.10.14; 04.11.19	h/d	m; 10–32 mm			<i>Acacia nilotica</i> -type: 17 pcs, 12.0 ml, 6.3 g (lprl: 28 mm), indet.: 3 pcs, 1.5 ml, 0.7 g, total: 20 pcs, 13.5 ml, 7.0 g	Ac1: r: 28 mm; circumfer-ence: r: 10 mm (2×); indet.: d: 6–8 mm; 8–10 mm; 9, 10 mm	
II/a; M50.16	G/-3, (15650)	27.10.14; 03.11.19	h/d	m; 13, 17, 29 mm			<i>Acacia nilotica</i> -type: 3 pcs, 4.5 ml, 2.8 g (lprl: 17 mm)		
II/a; M50.16	G/-3, (15650)	09.11.14; 03.11.19	h/d	m; 14–20 mm		1 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 3 pcs, 2.7 ml, 1.2 g (lprl: 19 mm), <i>Tamarix</i> sp.: 1 pc, 0.2 ml, 0.1 g, total: 4 pcs, 2.9 ml, 1.3 g		
II/a; M50.16	G/-3, (15650)	10.11.14; 03.11.19	h/d	m; 10–24 mm	d	1 (Ac1), 10 (Tam), 12 (Fic)	<i>Acacia nilotica</i> -type: 13 pcs, 8.0 ml, 3.5 g (lprl: 17 mm), <i>Ficus sycomorus</i> : 1 pc, 0.4 ml, 0.1 g, <i>Tamarix</i> sp.: 1 pc, 0.2 ml, 0.1 g, total: 15 pcs, 8.6 ml, 3.7 g / animal dung (fragment, charred): 1 pc, 1.6 ml, 1.3 g (21 × 16 × 12 mm)	Tam: d: 8, 9 mm, r: 4, 5 mm	
II/a, M50.16	H/-2, (17585)	18.10.17; 03.11.22	h/d	m; 31 mm			<i>Acacia nilotica</i> -type: 1 pc, 3.2 ml, 2.1 g (lprl: 31 mm)		

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/ non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documenta- tion of sample content reduced
II/a; M50.16	H/-3, (15608)	19.10.14; 02.11.22	h/d	m, s; 10–15 mm			<i>Acacia nilotica</i> -type: 4 pcs, 1.6 ml, 0.4 g (lprl: 12 mm)		
II/a; M50.16	H/-3, (15608)	20.10.14; 21.10.19	h/d	m; 12–24 mm		1 (Ac1), 2 (Tam)	<i>Acacia nilotica</i> -type: 14 pcs, 9.5 ml, 4.1 g (lprl: 19 mm), <i>Tamarix</i> sp.: 7 pcs, 8.0 ml, 3.6 g, <i>indet.</i> : 2 pcs, 0.5 ml, 0.2 g, bark: 1 pc, 0.5 ml, 0.2 g, total: 24 pcs, 18.5 ml, 8.1 g / furnace debris (with enclosed gas bubbles of various sizes): 1 pc, 0.9 ml, 1.4 g (14 × 13 × 12 mm), blue glass (fragment): 1 pc, 0.1 ml, 0.1 g (7 × 5 × 2 mm)	Tam: r: 9 mm; 9, 11 mm	
II/a; M50.16	H/-3, (15608)	21.10.14; 22.10.19	h/d	m; 9–21 mm		1 (Ac1), 9 (Tam)	<i>Acacia nilotica</i> -type: 39 pcs, 23.0 ml, 10.4 g (lprl: 20 mm), <i>Tamarix</i> sp.: 7 pcs, 3.3 ml, 1.4 g, total: 46 pcs, 26.3 ml, 11.8 g / furnace debris: grey material (with enclosed gas bubbles of various sizes, with attached baked quartz grains): 1 pc, 0.8 ml, 1.3 g (17 × 11 × 11 mm)	Tam: r: 5 mm; 8, 10 mm	
II/a; M50.16	H/-3, (15639)	23.10.14; 21.10.19	h/d	m, s; 6–22 mm		1 (Ac1), 2 (Ac2), 5 (Tam)	<i>Acacia nilotica</i> -type: 42 pcs, 10.5 ml, 5.5 g (lprl: 11 mm), <i>Acacia</i> sp.: 1 pc, 0.9 ml, 0.5 g, <i>Tamarix</i> sp.: 18 pcs, 3.3 ml, 1.1 g, <i>indet.</i> : 5 pcs, 1.0 ml, 0.4 g, total: 66 pcs, 15.7 ml, 7.5 g	Tam: r: 5 mm (2×, with bark); 5, 6 mm (2×, without bark); 6 mm (with bark)	
II/a; M50.16	H/-3, (15639)	25.10.14; 21.10.19	h/d	m; 11–26 mm		1 (Ac2), 2 (Ac1), 4 (Tam)	<i>Acacia nilotica</i> -type: 7 pcs, 4.5 ml, 2.3 g (lprl: 11 mm), <i>Acacia</i> sp.: 1 pc, 0.9 ml, 0.5 g, <i>Tamarix</i> sp.: 2 pcs, 1.2 ml, 0.3 g, total: 10 pcs, 6.6 ml, 3.1 g	Ac2: r: 7, 9 mm	
II/a; M50.16	H/-3, (15649)	25.10.14; 21./22.10.19	h/d	m; 10–23 mm		1 (Ac1), 12 (Fic), 15 (Tam), 21 (Ac2)	<i>Acacia nilotica</i> -type: 36 pcs, 17.5 ml, 8.4 g (lprl: 17 mm), <i>Acacia</i> sp.: 1 pc, 0.6 ml, 0.2 g, <i>Ficus sycomorus</i> : 3 pcs, 1.2 ml, 0.3 g, <i>Tamarix</i> sp.: 2 pcs, 1.7 ml, 0.5 g, total: 42 pcs, 21.0 ml, 9.4 g		
II/a; M50.16	I/-2, (17633)	16.10.17; 03.11.22	h/d	m, s; 11–19 mm		1 (Tam), 2 (Ac1), 5 (Fic)	<i>Acacia nilotica</i> -type: 3 pcs, 2.0 ml, 0.8 g (lprl: 15 mm), <i>Ficus sycomorus</i> : 1 pc, 1.2 ml, 0.3 g, <i>Tamarix</i> sp.: 1 pc, 1.0 ml, 0.3 g, total: 5 pcs, 4.2 ml, 1.4 g	Tam: circumference: r: 10 mm	
II/a; M50.16	I/-3, (15617)	02.11.14; 17.10.22	h/d	m; 11, 19, 26 mm		1 (Fic), 2 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 1 pc, 0.4 ml, 0.2 g (lprl: 26 mm), <i>Ficus sycomorus</i> : 1 pc, 0.7 ml, 0.1 g, <i>Tamarix</i> sp.: 1 pc, 0.2 ml, 0.1 g, total: 3 pcs, 1.3 ml, 0.4 g		
II/a; M50.16	I/-3, (17633)	15.10.17; 03.11.22	h/d	m; 16 mm			<i>Acacia nilotica</i> -type: 1 pc, 0.6 ml, 0.2 g (lprl: 14 mm)		
II/a; M50.16	I/-3 / J/-3, (17633)	25.10.17; 28.09.22	h/d	m, s: 9–22 mm		1 (Ac1), 2 (Tam)	<i>Acacia nilotica</i> -type: 3 pc, 1.5 ml, 1.2 g (lprl: 22 mm), <i>Tamarix</i> sp.: 1 pc, 0.3 ml, 0.1 g, total: 4 pcs, 1.8 ml, 1.3 g		
II/a; M50.16	J/-3 / I/-3, (17636)	25.10.17; 04.10.22	h/d	m, s; 6–26 mm		1 (Ac1), 12 (Tam), 26 (Fic), 62 (Sal), 65 (Ac2), 101 (Faid)	<i>Acacia nilotica</i> -type: 124 pcs, 28.0 ml, 13.3 g (lprl: 16 mm), <i>Acacia</i> sp.: 1 pc, 0.3 ml, 0.1 g, <i>Faidherbia albida</i> : 1 pc, 0.1 ml, 0.1 g, <i>Ficus sycomorus</i> : 1 pc, 0.4 ml, 0.1 g, <i>Salix</i> sp.: 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 21 pcs, 3.7 ml, 1.4 g, bark: 1 pc, 0.1 ml, 0.1 g, total: 150 pcs, 32.8 ml, 15.2 g	Ac1: r: 16, 17 mm; circum- ference: r: 15 mm; Tam: r: 6 mm; 7 mm	
II/a / 0/n; M50.14	K/-2, (17708)	26.10.17; 29.09, 01.10.22	h/d	m; 10–22 mm		1 (Ac1), 5 (Tam)	<i>Acacia nilotica</i> -type: 6 pcs, 5.0 ml, 2.6 g (lprl: 17 mm), <i>Tamarix</i> sp.: 3 pcs, 1.6 ml, 0.6 g, total: 9 pcs, 6.6 ml, 3.2 g		
II/b; M50.14	I/-4, (15778)	08.11.14; 11.10.22	h/d	m; 11–29 mm		1 (Ac1), 6 (Tam)	<i>Acacia nilotica</i> -type: 8 pcs, 11.0 ml, 6.9 g (lprl: 27 mm), <i>Tamarix</i> sp.: 2 pcs, 0.5 ml, 0.2 g, total: 10 pcs, 11.5 ml, 7.1 g	Tam: r: 7 mm	
II/b; M50.14	I/-4, (15795)	10.11.14; 30./31.10.19	h/d	m; 11–25 mm		1 (Ac1), 2 (Faid), 18 (Tam)	<i>Acacia nilotica</i> -type: 23 pcs, 14.5 ml, 6.7 g (lprl: 15 mm), <i>Faidherbia albida</i> : 1 pc, 0.9 ml, 0.1 g, <i>Tamarix</i> sp.: 2 pcs, 0.7 ml, 0.2 g, bark: 2 pcs, 0.6 ml, 0.3 g, total: 28 pcs, 16.7 ml, 7.3 g		
II/b; M50.14	I/-5, (15778)	08.11.14; 20.10.19	h/d	m; 16–24 mm		1 (Fic), 2 (Ac1), 4 (Mim), 6 (Tam)	<i>Acacia nilotica</i> -type: 2 pcs, 2.1 ml, 1.5 g (lprl: 19 mm), <i>Ficus sycomorus</i> : 1 pc, 0.6 ml, 0.2 g, <i>Mimusops</i> sp.: 2 pcs, 1.8 ml, 0.8 g, <i>Tamarix</i> sp.: 1 pc, 0.8 ml, 0.3 g, total: 6 pcs, 5.3 ml, 2.8 g		
II/b; M50.14	J/-4, (15905)	11.11.14; 29.10.19	h/d	m; 22, 27 mm			<i>Acacia nilotica</i> -type: 2 pcs, 3.5 ml, 1.8 g (lprl: 24 mm)		
II/b; M50.14	J/-4, (15905)	12.11.14; 30.10.19	h/d	m (l); 9–40 mm			<i>Acacia nilotica</i> -type: 16 pcs, 21.0 ml, 11.2 g (lprl: 37 mm)	Ac1: circumference: r: 20 mm (2×); 30 mm	
II/b; M50.14	K/-4, (15906)	11.11.14; 26.10.19	h/d	m; 7–23 mm	d	1 (Ac1), 8 (Fic), 9 (Tam)	<i>Acacia nilotica</i> -type: 19 pcs, 8.0 ml, 3.3 g (lprl: 14 mm), <i>Ficus sycomorus</i> : 1 pc, 0.5 ml, 0.2 g, <i>Tamarix</i> sp.: 5 pcs, 1.5 ml, 0.6 g, <i>indet.</i> : 3 pcs, 0.2 ml, 0.1 g, total: 28 pcs, 10.2 ml, 4.2 g / animal dung (fragment, charred): 1 pc, 0.3 ml, 0.1 g (12 × 9 × 5 mm)		
II/b; M50.14	K/-4 / L/-4, (15768)	06.11.14; 19.10.19	h/d	m; 8–33 mm		1 (Ac1), 2 (Palm), 6 (Mim), 27 (Tam)	<i>Acacia nilotica</i> -type: 51 pcs, 44.0 ml, 20.9 g (lprl: 19 mm), <i>Mimusops</i> sp.: 2 pcs, 1.1 ml, 0.5 g, <i>Palmae</i> , <i>scal. perf. pls.</i> : 1 pc, 1.3 ml, 1.2 g, <i>Tamarix</i> sp.: 3 pcs, 0.9 ml, 0.3 g, <i>indet.</i> : 1 pc, 0.2 ml, 0.1 g, total: 58 pcs, 47.5 ml, 23.0 g	Ac1: r: 15 mm	
II/b; M50.14	L/-3, (17686)	21.10.14; 06.10.22	h/d	m; 8–26 mm		1 (Ac1), 10 (Tam), 16 (Chen)	<i>Acacia nilotica</i> -type: 40 pcs, 18.0 ml, 8.3 g (lprl: 25 mm), <i>Chenopodiaceae</i> , concentric type: 1 pc, 0.2 ml, 0.1 g, <i>Tamarix</i> sp.: 2 pcs, 1.5 ml, 0.5 g, <i>indet.</i> : 1 pc, 0.4 ml, 0.1 g, total: 44 pcs, 20.1 ml, 9.0 g	Ac1: d: 8, 10 mm; Chen: d: 4, 6 mm	
II/b; M50.14	L/-4, (15915)	12.11.14; 22.10.19	h/d	m; 12–22 mm		1 (Ac1), 2 (Fic)	<i>Acacia nilotica</i> -type: 7 pcs, 5.1 ml, 2.3 g (lprl: 12 mm), <i>Ficus sycomorus</i> : 2 pcs, 0.9 ml, 0.2 g, total: 9 pcs, 6.0 ml, 2.5 g		

Phase; building number(s)	Provenance	Date of sampling; Date(s) of study	Type of sampling	Size of fragments*	Other organic finds	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documenta- tion of sample content reduced
II/b; M50.16	H/-3, (15791)	10.11.14; 21.10.19	h/d	m; 14–23 mm		1 (Fic), 3 (Ac1)	<i>Acacia nilotica</i> -type: 1 pc, 1.9 ml, 1.0 g (lprl: 14 mm), <i>Ficus sycomorus</i> : 2 pcs, 1.0 ml, 0.4 g, total: 3 pcs, 2.9 ml, 1.4 g		
II/b; M50.16	H/-3, (15791)	12.11.14; 21.10.19	h/d	m; 11–24 mm	d	1 (Ac1), 2 (Tam)	<i>Acacia nilotica</i> -type: 8 pcs, 3.6 ml, 1.7 g (lprl: 13 mm), <i>Tamarix sp.</i> : 1 pc, 0.2 ml, 0.1 g, total: 9 pcs, 3.8 ml, 1.8 g / <i>animal dung (fragment, charred)</i> : 1 pc, 0.2 ml, 0.1 g (12 × 8 × 4 mm)		

e) From soil samples

Phase; building number(s)	Provenance	Date of sampling; date(s) of study	Type of sampling	Other organic finds	Samples from soil samples**	Taxa distribution***	Content of sample (wood and bark charcoal/uncharred wood remains/other botanical remains/other organic remains/non-organic finds)	Pieces with preserved radius, diameter or segment of the circumference****	Documenta- tion of sample content reduced
o/o; M50.15	I/-2 / J/-2, (17732)	Sample date: 28.10.17, flot date: 27.10.19; 24.10.22	fl	d	Flot No.: 3, LF, Reg. No.: n/a, Vol.: 600 ml / 24.1 g / up to 33 mm; examined: 5–8 mm (in part) – 33 mm	1 (Ac1), 5 (Tam), 44 (Fic), 124 (Mim)	<i>Acacia nilotica</i> -type: 52 pcs, 4.9 g (lprl: 32 mm), <i>Ficus sycomorus</i> : 1 pc, < 0.1 g, <i>Mimusops sp.</i> : 1 pc, < 0.1 g, <i>Tamarix sp.</i> : 51 pcs, 2.6 g, <i>indet.</i> : 8 pcs, < 0.1 g, bark: 14 pcs, 0.2 g, total: 127 pcs, 7.7 g / <i>animal dung (fragment, charred)</i> : 1 pc, < 0.1 g (8 × 5 × 1 mm)		rd
o/o; M50.15	I/-2 / J/-2, (17732)	See above; 20.10.22	fl		Flot No.: 3, HR, see above / 0.3 g / 1–5 mm; examined: 3–4 mm (in part), 5 mm, one fragment of wood charcoal: 3 mm		<i>Acacia sp.</i> : 1 pc, < 0.1 g		
I/o; M50.14	L/-4, 15785	Sample date: 09.11.14, flot date: 26.10.19; 19./20.10.22	d		Flot No.: 1, DS, Sample No.: 1412, Reg. No.: 40715, Vol.: 300 ml / 1.1 g / 1–9 mm; examined 3–4 mm (in part) – 9 mm	1 (Ac1), 7 (Tam), 18 (Fic), 24 (Mim), 36 (con)	<i>Acacia nilotica</i> -type: 33 pcs, 0.3 g, <i>Ficus sycomorus</i> : 1 pc, < 0.1 g, <i>Mimusops sp.</i> : 1 pc, < 0.1 g, <i>Tamarix sp.</i> : 7 pcs, < 0.1 g, <i>coniferous charcoal</i> : 1 pc, < 0.1 g, <i>indet.</i> : 6 pcs, < 0.1 g, total: 49 pcs, 0.4 g		
I/o; M50.14	L/-4, 15785	See above; 19.10.22	fl		Flot No.: 1, HR, see above / 0.2 g / darker fragments: 2–3 mm		No wood charcoal		
I/o; M50.16	I/-3, (15797)	Sample date: 10.11.14, flot date: 26.10.19; 20.10.22	d		Flot No.: 2, DS, Sample No.: 14-15, Reg. No.: n/a, Vol.: 650 ml / 9 g / 2–26 mm; examined: 7 mm (in part) – 26 mm	1 (Tam), 3 (Ac1), 84 (Ac2)	<i>Acacia nilotica</i> -type: 57 pcs, 3.3 g (lprl: 22 mm), <i>Acacia sp.</i> : 2 pcs, < 0.1 g, <i>Tamarix sp.</i> : 29 pcs, 2.2 g, bark: 6 pcs, < 0.1 g, total: 94 pcs, 5.5 g	Ac1: r: 7 mm; Tam: circumference: r: 10 mm (2×)	
I/o; M50.16	I/-3, (15797)	See above; 19.10.22	fl	h	Flot No.: 2, LF, see above / 0.7 g / < 1 – 8 mm; examined: 5–8 mm	1 (Tam), 2 (Ac2)	<i>Acacia nilotica</i> -type: 1 pc, < 0.1 g, <i>Tamarix sp.</i> : 1 pc, < 0.1 g, <i>indet.</i> : 1 pc, < 0.1 g, total: 3 pcs, < 0.1 g / <i>herbaceous plant: stem (wall fragment, charred)</i> : 1 pc, < 0.1 g (8 × 2 × 1 mm)		
I/o; M50.16	I/-3, (15797)	See above; 19.10.22	fl		Flot No.: 2, HR, see above / 0.2 g / 1–5 mm; examined: 2–5 mm, one fragment of wood charcoal: 3 mm		<i>Acacia sp.</i> : 1 pc, < 0.1 g		
I/o / I/a; M50.15	I/-2 / J/-2, (17757)	Sample date: 31.10.17, flot date: 27.10.19; 20.10.22	fl		Flot No.: 7, LF, Sample No.: 17-5, Reg. No.: n/a, Vol.: 100 ml / 1.6 g / 1–13 mm; examined: 4–13 mm	1 (Ac1), 6 (Tam)	<i>Acacia nilotica</i> -type: 10 pcs, 0.1 g (lprl: 12 mm), <i>Tamarix sp.</i> : 3 pcs, < 0.1 g, <i>indet.</i> : 3 pcs, < 0.1 g, bark: 1 pc, < 0.1 g, total: 17 pcs, 0.2 g		
I/o / I/a; M50.16	I/-2, (17669)	Sample date: 30.10.17, flot date: 27.10.19; 20.10.22	fl		Flot No.: 4, LF, Sample No.: 17-3, Reg. No.: n/a, Vol.: 800 ml / 3.8 g / < 1 – 23 mm; examined: 2 (the small sizes in part) – 12 mm	1 (Ac1), 3 (Tam)	<i>Acacia nilotica</i> -type: 8 pcs, 0.2 g, <i>Tamarix sp.</i> : 6 pcs, < 0.1 g, <i>indet.</i> : 1 pc, < 0.1 g, total: 15 pcs, 0.3 g		
I/o / I/a; M50.16	I/-2, (17669)	See above; 20.10.22	fl		Flot No.: 6, LF, Bowl 2, see above / 4.7 g / one fragment of wood charcoal: 31 mm		<i>Acacia nilotica</i> -type: 1 pc, 2.1 g (lprl: 22 mm)		
I/o / I/a; M50.16	I/-2, (17669)	See above; 20.10.22	fl		Flot No.: 6, HR, Bowl 2, see above / < 0.1 g / two fragments: 3 mm		No wood charcoal		
I/a; M50.14	L/-3, (17744)	Sample date: 30.10.17, flot date: 27.10.19; 20.10.22	fl		Flot No.: 5, LF, Sample No.: 17-2, Reg. No.: n/a, Vol.: 300 ml / 6.5 g / 1–22 mm, examined: 3–5 mm (in part) – 22 mm	1 (Ac1), 14 (Tam), 15 (con), 16 (Mim), 19 (Fic)	<i>Acacia nilotica</i> -type: 16 pcs, 0.9 g (lprl: 19 mm), <i>Ficus sycomorus</i> : 1 pc, < 0.1 g, <i>Mimusops sp.</i> : 1 pc, < 0.1 g, <i>Tamarix sp.</i> : 2 pcs, < 0.1 g, <i>coniferous charcoal</i> : 1 pc, < 0.1 g, <i>indet.</i> : 4 pcs, < 0.1 g, total: 25 pcs, 1.0 g		
I/a; M50.14	L/-3, (17744)	See above; 20.10.22	fl		Flot No.: 5, HR, see above / < 0.1 g / 1–4 mm; examined: 2, 3 mm (in part), 4 mm		No wood charcoal		

CHAPTER 7: THE PLANT REMAINS FROM SITE M50.14–16

Table 7.1 Plant and other remains from the bulk samples collected from M50.14 – all phases.

Square	L/-4	G/-3	L/-3
Unit	15785	15798	(17744)
Year/sample number	2014/12 (flot 2)	2014	2017/2
Area	6	4	3
Feature type	Organic deposit	Surface	Fill
Description	Dark ashy deposit, floor	Floor surface	Lowermost fill of blue-painted jar
Volume (ml)	300	130	300
Phase	I/o	I/o	I/a
Charred			
Cereals			
<i>Triticum turgidum</i> spp <i>dicoccum</i>			
• grain	6		7
• grain fragments	21		75
• sprouted grain	1		
• spikelet forks	18		93
• glume bases	21		233
• glume fragments	23		123
• rachis fragments	15		90
• awn fragments	1		6
• silicified awn fragments			3
<i>Hordeum vulgare</i> (6-row)			
• grain	1		1
• sprouted grain	1		
• sprouted grain fragments	2		
• grain fragments	5		8
• tail grain			1
• rachis fragments	18		11
• palea/lemma			1
• awn fragments	9		
<i>Indeterminate cereals</i>			
• grain fragments	96		
• embryos	13		15
• culm nodes	1		5
• culm internodes			14

Square	L/-4	G/-3	L/-3
Unit	15785	15798	(17744)
Other crops			
<i>Linum usitatissimum</i>			
• capsule fragments	1		3
• capsule attachments			1
Non-cultivated			
Weeds of cultivation			
<i>Rumex dentatus</i>			
• nutlets	1		1
• nutlet fragments	1		
<i>Portulaca oleracea</i>			
• seeds	1		
<i>Chenopodium murale</i>			
• seeds			1
<i>Raphanus raphanistrum</i>			
• pod fragment			1
<i>Lepidium sativum</i>			
• seeds			1
<i>Capsella</i> sp			
• seeds	1		
<i>Trifolium</i> sp			
• seeds			5
<i>Anthemis pseudocotula</i>			
• achenes			1
<i>Lolium temulentum</i>			
• grain	15		30
• grain fragments	1		16
• rachilla fragments	2		7
• palea/lemma			1
<i>Phalaris</i> sp			
• caryopses	2		4
<i>Desmostachya bipinnata</i>			
• culm			1

Square	L/-4	G/-3	L/-3
Unit	15785	15798	(17744)
<i>Poaceae</i>			
• small caryopses	8		
• culm nodes	6		
• culm internodes	1		
• culm bases	1		
• root fragments	1		
<i>Cyperus</i> sp			
• nutlets			1
Wood/shrubs			
<i>Cedrus</i> sp			
• fragment	1		5
<i>Tamarix nilotica</i>			
• shoots			6
Miscellaneous			
• charcoal fragments		3	
• woody stems			3
Dung			
• misc dung fragments			39
Desiccated			
Cereals			
<i>Triticum turgidum</i> spp dicoccum			
• spikelets			9
• grain			1
• glume bases	3		61
• rachis fragments			14
<i>Hordeum vulgare</i> (6-row)			
• rachis fragments	4		1
• grain fragments	1		
• embryos			1
Other crops			
<i>Linum usitatissimum</i>			
• capsule fragments			54
• capsule attachments			2
Fruits			
<i>Ficus sycomorus</i>			
• seeds	3		
<i>Ficus carica</i>			
• seeds			10
cf <i>Morus alba</i>			
• seeds			1

Square	L/-4	G/-3	L/-3
Unit	15785	15798	(17744)
<i>Cucumis sativa</i>			
• seed fragments			2
<i>Citrullus lanatus</i>			
• seed fragments			1
Non-cultivated			
Weeds of cultivation			
<i>Glinis lotoides</i>			
• capsule fragments	1		
<i>Portulaca oleracea</i>			
• capsule fragments			3
<i>Atriplex</i> sp			
• seeds			1
<i>Ambrosia maritima</i>			
• achene fragments			1
<i>Poaceae</i>			
• culm nodes	1		
<i>Cyperus</i> sp			
• nutlets			1
Miscellaneous			
• insects	occasional		common
• fish bone	occasional		6
• ? caprid hoof			1
Dung			
• rodent dung pellets			7
• misc dung fragments			1
Non-biological			
• resin fragments			48
• glass fragments			1

Table 7.2a Plant remains from hand-picked samples from M50.14 – phase I/o (HP = hand-picked).

Square	L/-4	L/-4	K/-3	L/-3	L/-3	L/-4	J/-5
Unit	15785	(17522)	17552	(17591)	[17601]	(17605)	(17621)
Year	2014	2017	2017	2017	2017	2017	2017
Area	6	6	3	3	3	6	5
Feature type	Deposit	Fill	Deposit	Fill	Cut	Deposit	Fill
Description	Organic dark ashy deposit	Dark grey fill of fireplace	Windblown fine greyish silt	Fill of oven pit [15908]/ [17601]	Cut of oven pit ashy grey sand	Fill of fireplace with charcoal and pottery	Fill of fireplace
Phase	I/o	I/o	I/o	I/o	I/o	I/o	I/o
Object number	40714						
Volume (ml)	HP	HP	HP	HP	HP	HP	
Charred							
Cereals							
<i>Triticum turgidum</i> spp <i>dicoccum</i>							
• grain	6						
• grain fragments	5						
<i>Hordeum vulgare</i> (6-row)							
• grain	15						
• tail grain	2						
Non-cultivated plants							
Stony ground/sandy plains							
<i>Zilla spinosa</i>							
• fruits					9		
Desiccated							
Fruits							
<i>Phoenix dactylifera</i>							
• rodent-gnawed stones			1				
• leaf fragment				1	1		2
Non-cultivated plants							
Weeds of cultivation							
<i>Desmostachya bipinnata</i>							
• culm internodes							3
Sandy plains/desert wadis							
<i>Zilla spinosa</i>							
• fruits					3		
Wood/shrubs							
<i>Ziziphus spina-christi</i>							
• seeds				2			
Miscellaneous							
• misc twigs		1					
• insects						(cocoon fragments)	3+1 (cocoon)
• feather shaft				1			

Square	L/-4	L/-4	K/-3	L/-3	L/-3	L/-4	J/-5
Unit	15785	(17522)	17552	(17591)	[17601]	(17605)	(17621)
Dung							
• misc dung fragments		8					

Table 7.2b Plant remains from hand-picked samples from M50.14 – phase I/a (HP = hand-picked samples).

Square	J/-4	L/-5	J/-5	J/-5	G/-2	L/-3	H/-5
Unit	(15679)	(17544)	(17622)	(17707)	(17737)	(17744)	(17749)
Year	2014	2017	2017	2017	2017	2017	2017
Area	5	6	5	5	4	3	5
Feature type	Deposit	Deposit	Collapse	Fill	Collapse	Fill	Fill
Description	Windblown sand with many frag-ments of glass	Grey rough sand: floor surface	Collapse of southern boundary wall	Lowest fill of oven pit [17709]	Mud-brick collapse	Lowest fill of blue-painted jar	Fill of fire pit
Phase	I/a	I/a	I/a	I/a	I/a	I/a	I/a
Object number	40510						
Volume (ml)	HP	HP	HP	HP	HP	HP	HP
Charred							
Cereals							
<i>Triticum turgidum</i> spp <i>dicoccum</i>							
• grain fragments							5
• spikelet forks						1	
• glume bases						1	
Fruits							
<i>Phoenix dactylifera</i>							
• stones						1	
Desiccated							
Cereals							
• culm internodes						30	
Fruits							
<i>Phoenix dactylifera</i>							
• leaf fragment							1
• wood fragments				1			
Non-cultivated plants							
Weeds of cultivation							
<i>Desmostachya bipinnata</i>							
• leaf fragments							30
• Poaceae							
• culm internodes							
Sandy plains/desert wadis							
<i>Zilla spinosa</i>							
• fruits		2					

Square	J/-4	L/-5	J/-5	J/-5	G/-2	L/-3	H/-5
Unit	(15679)	(17544)	(17622)	(17707)	(17737)	(17744)	(17749)
<i>Echinops spinosus</i>							
• florets							2
cf <i>Pulicaria undulata</i>							
• stems					35		
Wood/shrubs							
<i>Acacia</i> sp							
• wood fragments	3						
<i>Tamarix</i> sp							
• wood fragments						2	
Miscellaneous							
• misc leaf fragments							7
• misc twigs							1
• insects		1 (cocoon)		4		1 (carapace)	
• mammal bone fragments			1				
• resin fragments						1	
Dung							
• misc dung fragments							8

Table 7.2c Plant remains from hand-picked samples from M50.14 – phase IIa (HP = hand-picked sample).

Square	I/-4	I/-4	I/-4	K/-3	L/-3	L/-4	L/-5
Unit	(15628)	(15641)	(15693)	(17510)	(17512)	(17517)	(17518)
Year	2014	2014	2014	2017	2017	2017	2017
Area	5	5	5	3	3	6	6
Feature type	Collapse	Deposit	Deposit	Deposit	Deposit	Deposit	Deposit
Description	Collapse from walls <15624>/<15625>	Vitrified material	Vitrified mud bricks	Windblown sand	Windblown sand	Windblown sand	Windblown sand
Phase	II/a	II/a	II/a	II/a	II/a	II/a	II/a
Object number	41031	41030					
Volume (ml)	HP	HP	HP	HP	HP	HP	HP
Charred							
Non-cultivated plants							
Rocky ridges Med region/Sinai							
<i>Juniperus phoenicea</i>							
• berry/cone		1					
Miscellaneous							
• textile fragment	1						
Desiccated							
Fruits							
<i>Hyphaene thebaica</i>							

Square	I/-4	I/-4	I/-4	K/-3	L/-3	L/-4	L/-5
Unit	(15628)	(15641)	(15693)	(17510)	(17512)	(17517)	(17518)
• mesocarp fragments							1
Miscellaneous							
• insects					1 (carapace)		
• leather fragment			1				
Dung							
• ovicaprid dung pellet				1		1	

Table 7.2d Plant remains from hand-picked samples from M50.14 – phase II/e (HP = hand-picked sample).

Year	2017	2017
Square	K/-2	K/-2
Courtyard Area	3	3
Building unit	M50.14	M50.14
Unit	(17577)	(17582)
Feature type	Deposit	Fill
Description	Spoil heap	Fill of pit [17584]
Phase	II/e	II/e
Volume (ml)/HP	HP	HP
Desiccated		
Fruits		
<i>Hyphaene thebaica</i>		
• endocarp fragments	6	
<i>Phoenix dactylifera</i>		
• stones		100
• no embryo		41

Table 7.3 Plant remains from bulk samples from house M50.15 – all phases.

Year/sample number	2017/1	2017/5
Square	I/-2, J/-2	I/-2, J/-2
Room	1	1
Unit	(17732)	(17757)
Feature type	Deposit	Fire pit
Description	Charcoal-rich waste deposit	Fill of fire pit
Volume (ml)	600	100
Phase	O/o	I/o, I/a
Charred		
Cereals		
<i>Triticum turgidum</i> spp <i>dicoccum</i>		
• grain	43	8

Year/sample number	2017/1	2017/5
• grain fragments	412	2
• tail grain	40	
• spikelet forks	605	44
• glume bases	1410	116
• glume fragments	673	55
• rachis fragments	574	43
• awn fragments	85	11
• silicified awn fragments	100s	
<i>Hordeum vulgare</i> (6-row)		
• grain	20	2
• grain fragments	10	1
• rachis fragments	111	3
• palea/lemma	18	1
• awn fragments	3	1
<i>Indeterminate cereals</i>		
• grain fragments	218	65
• embryos	187	14
• culm nodes	20	
Other crops		
<i>Vicia ervilia</i>		
• seeds	2	
• cotyledons	1	
<i>Pisum sativum</i>		
• cotyledons		1
• cotyledon fragments		2
<i>Linum usitatissimum</i>		
• immature capsule	1	
• capsule fragments	19	1
• capsule attachments	3	3
• stems		1
• seed fragments	1	
• yarn fragments	1	
Fruits		
<i>Ficus sycomorus</i>		
• seeds	10	
<i>Punica granatum</i>		
• seed fragments	3	
<i>Phoenix dactylifera</i>		
• stone fragments	1	
Non-cultivated		
Weeds of cultivation		

Year/sample number	2017/1	2017/5
<i>Rumex dentatus</i>		
• nutlets	1	1
• nutlet fragments		
<i>Portulaca oleracea</i>		
• seeds	2	
<i>Silene conoidea</i>		
• seeds	4	
<i>Chenopodium murale</i>		
• seeds	5	
<i>Brassica nigra</i>		
• seeds		2
<i>Medicago</i> sp		
• seeds		3
<i>Vicia/Lathyrus</i> sp		
• seeds	5	
<i>Echium rauwolfii</i>		
• nutlets	2	
• nutlet fragments	7	
<i>Centaurea</i> sp		
• cypsela	1	
<i>Ambrosia maritima</i>		
• achene fragments		1
<i>Anthemis pseudocotula</i>		
• capitulum fragment with achenes	2	
• capitulum stem attachments	7	
• achenes	40	1
<i>Lolium temulentum</i>		
• grain	314	20
• grain fragments	215	11
• rachis fragments	1	
• rachilla fragments	42	2
• palea/lemma	3	
<i>Avena</i> sp		
• floret attachment	1	
<i>Phalaris paradoxa</i>		
• rachilla	2	
<i>Phalaris</i> sp		
• caryopses	29	2
<i>Sorghum arundinaceum</i>		
caryopses	2	
<i>Poaceae</i>		

Year/sample number	2017/1	2017/5
• small caryopses	32	
• culm nodes		2
• culm internodes		12
<i>Cyperus</i> sp		
• nutlets	2	
Trees/shrubs		
<i>Acacia</i> sp		
• bean	1	
<i>Tamarix nilotica</i>		
• shoots	18	3
Miscellaneous		
• dicotyledon stem fragments	114	
• fish vertebrae	9	
• small mammal bone	5	
Dung		
• misc dung fragments	167	
Desiccated		
Cereals		
<i>Triticum turgidum</i> spp dicoccum		
• glume bases	2	
<i>Hordeum vulgare</i> (6-row)		
• grain fragments	2	
Other crops		
<i>Vicia ervilia</i>		
• seeds	2	
Fruits		
<i>Ficus sycomorus</i>		
• seeds		1
Herbs/spices/condiments		
<i>Nigella sativa</i>		
• seeds	2	
<i>Foeniculum vulgare</i>		
• mericarps	1	
Non-cultivated		
Weeds of cultivation		
<i>Silene conoidea</i>		
• seeds	1	
<i>Chenopodium murale</i>		
• seeds	1	
<i>Lolium temulentum</i>		
• caryopses	6	

Year/sample number	2017/1	2017/5
<i>Phalaris</i> sp		
• caryopses	1	
Miscellaneous		
• insects	rare	
• aquatic snail	1	
• fish bone	21	7
• fish vertebrae	6	1
• fish scale		7
Dung		
• misc dung fragments	192	15
• termite frass mass		1

Table 7.4a Plant remains from hand-picked samples from house M50.15 – phase O/o (HP = hand-picked sample).

Year	2017	2017	2017
Square	J/-2	I/-2	J/-3
Room	1	1	2
Unit	(17634)	(17635)	(17701)
Feature type	Surface	Deposit	Deposit
Description	Weathered mud surface	Charcoal deposit part of (17732)	Silty deposit with potsherds
Phase	O/o	O/o	O/o
Volume (ml)	HP	HP	HP
Charred			
Cereals			
<i>Triticum turgidum</i> spp dicoccum			
• grain			2
<i>Hordeum vulgare</i> (6-row)			
• grain			1
Miscellaneous			
• leaf fragments		10	
Desiccated			
Cereals			
<i>Zea mays</i>			
• cob bract		1 (?modern)	
Non-cultivated plants			
Weeds of cultivation			
<i>Poaceae</i>			
• root fragments	50 (?modern)		
Sandy plains/desert wadis			
<i>Fagonia arabica</i>			
• fruit		1 (?modern)	

Table 7.4b Plant remains from hand-picked samples from house M50.15 – phase O/n (HP= hand-picked sample).

Square	J/-2, J/-3		J/-2
Unit	17628		17629
Year	2017		2017
Room	4		3
Feature type	Weathered natural		Desert floor
Description	Soft, orange sand and remains of weathered surface		Weathered natural mixed with collapse
Phase	O/n		O/n
Volume (ml)	HP		HP
Desiccated			
Fruits			
Citrullus lanatus			
• seeds	1		
Other cultivated plants			
Allium cepa			
• epidermis fragment	5	5	
Non-cultivated plants			
Weeds of cultivation			
Phalaris minor			
• spikelet		1	
Desmostachya bipinnata			
• leaf fragments	1	25	
• culm		1	
Wood/shrubs			
Ziziphus spina-christi			
• leaf	1		
Miscellaneous			
• misc leaf fragments		1	
• insects	occasional	(cocoon frags)	
• feather		1	
Dung			
• donkey dung			
• whole		1	
• misc dung fragments		1	

Table 7.4c Plant remains from hand-picked samples from house M50.15 – phases I/o and I/a (HP = hand-picked sample).

Year	2017	2017	2017	2017
Square	I/-3	I/-2, I/-2	I/-2, J/-2	I/2, I/-3, J/-3
Room	2	1	1	10
Unit	17541	(17683)	17644	(17713)
Feature type	Deposit	Fill	Surface	Fill
Description	Windblown sand	Small shallow fireplace on floor 17733	Weathered dark grey surface	Fill of room
Phase	I/o	I/o, I/a	I/a	I/a
Volume (ml)	HP	HP	HP	HP
Desiccated				
Cereals				
• culm internodes				10
Sandy plains/desert wadis				
<i>Fagonia arabica</i>				
• fruit segments			2	
<i>Echinops spinosus</i>				
• achenes				2
Miscellaneous				
• misc root fragments	1 (?modern)	2 (?modern)		
• fish bone				1
Dung				
• donkey dung				
• fragments		1		

Table 7.4d Plant remains from hand-picked samples from house M50.15 – phase II/a (HP = hand-picked sample).

Square	I/-2, J/-2	I/-2, J/-2	J/-3	J/-3	J/-2
Unit	(17534)	(17535)	(17542)	(17672)	(17508)
Year	2017	2017	2017	2017	2017
Room	1; 3	1	2; 3; 4	2	N/A
Feature type	Deposit	Collapse	Collapse	Collapse	Deposit
Description	Loose sandy fill	Layer of fine dark brown silt	Collapse of wall <17520>	Looser part of collapse of (17542)	Windblown sand
Phase	II/a	II/a	II/a	II/a	II/a
Volume (ml)	HP	HP	HP	HP	HP
Desiccated					
Cereals					
<i>Triticum aestivum</i>					
• spikelets				4 (?modern)	
• glumes				2 (?modern)	
• palea/lemma				10 (?modern)	

Square	I/-2, J/-2	I/-2, J/-2	J/-3	J/-3	J/-2
Unit	(17534)	(17535)	(17542)	(17672)	(17508)
Indeterminate cereals					
• culm internodes				3	
Fruits					
<i>Phoenix dactylifera</i>					
• rodent-gnawed stones					1
• stone fragments					1
Non-cultivated plants					
Weeds of cultivation					
<i>Poaceae</i>					
• root fragments	10 (?modern)				
Trees/shrubs					
<i>Ziziphus spina-christi</i>					
• twigs				2	
Miscellaneous					
• insects	3 + 2 (cocoon)	1 (cocoon)	1 (elytron)		

Table 7.5 Plant remains from bulk samples from house M50.16 – phase I/o.

Year/sample no	2014/15		2017/3	2017/4
Square	I/-3		I/-2	I/-2
Room	10		9	9
Unit	(15797)		(17669)	(17669)
Feature type	Oven fill		Waste deposit	Waste deposit
Description	Fill of oven [15622]	Between walls <17571> and <17761>	Between walls <17571> and <17761>	
Volume (ml)	650		800	250
Phase	I/o		I/o, I/a	I/o, I/a
Charred				
Cereals				
Triticum turgidum spp dicoccum				
• grain	37	2		
• grain fragments	310	18		
• tail grain	8			
• spikelet forks	59	14	3	
• glume bases	54	57	16	
• glume fragments	2			
• rachis fragments	35	17	3	
• awn fragments	4	2		
• silicified awn fragments	100s			
Hordeum vulgare (6-row)				
• grain	1			

Year/sample no	2014/15	2017/3	2017/4
• grain fragments		1	
• rachis fragments	13	1	1
• palea/lemma		1	
Indeterminate cereals			
• grain fragments			5
• embryos	178	1	
• culm nodes		1	
• culm internodes	12		
Other crops			
<i>Linum usitatissimum</i>			
• capsule fragments		2	
Non-cultivated			
Weeds of cultivation			
<i>Rumex dentatus</i>			
• nutlets	4		
<i>Melilotus</i> sp			
• seeds	1		
<i>Vicia</i> sp			
• cotyledons	6		
<i>Echium rauwolfii</i>			
• nutlets	3		
<i>Anthemis pseudocotula</i>			
• capitulum	1		
<i>Lolium temulentum</i>			
• grain	47	5	
• grain fragments	31	2	
• rachilla fragments	2		
<i>Avena</i> sp			
• grain	1		
<i>Phalaris paradoxa</i>			
• floret	1		
<i>Phalaris</i> sp			
• caryopses	12	3	
<i>Bromus</i> sp			
• caryopses	1		
<i>Poaceae</i>			
• culm nodes	3		
<i>Tamarix nilotica</i>			
• shoots			1
Miscellaneous			
• small mammal bone	1		

Year/sample no	2014/15	2017/3	2017/4
Dung			
• rat pellets	1		
Desiccated			
Cereals			
<i>Triticum turgidum</i> spp <i>dicoccum</i>			
• spikelet forks		1	
• glume bases		1	
• awn fragments		100s	2
<i>Indeterminate cereals</i>			
• embryos			1
Other crops			
<i>Linum usitatissimum</i>			
• capsule fragments		1	2
Fruits			
<i>Ficus carica</i>			
• seeds		5	1
<i>Citrullus lanatus</i>			
• seed fragments		1	2
<i>Olea europaea</i>			
• leaf fragment			1
Herbs/spices/condiments			
<i>Cucuminum cynacium</i>			
• mericarps		1	
Non-cultivated			
Weeds of cultivation			
<i>Rumex dentatus</i>			
• nutlets		2	1
<i>Portulaca oleracea</i>			
• seeds		1	
capsule fragments		1	
<i>Trifolium</i> sp			
• seed		1	
<i>Buglossoides</i> cf <i>tenuifolia</i>			
• nutlets			1
<i>Anthemis pseudocotula</i>			
• achene		1	
<i>Phalaris paradoxa</i>			
• rachilla		1	
<i>Phalaris</i> sp			
• caryopses		2	
<i>Sorghum arundinaceum</i>			

Year/sample no	2014/15	2017/3	2017/4
• spikelet		1	
<i>Poaceae</i>			
• leaf fragments			3
Desert wadis/sandy plains			
<i>Fagonia</i> sp			
• seeds			1
<i>Heliotropium bacciferum</i>			
• nutlet		1	
Miscellaneous			
• misc leaf fragments			100s
• misc thorn			1
• insects	occasional	abundant	occasional
• fish vertebrae		1	
• fish scale		8	13
• small mammal vertebra	1		
• mammal bone fragments		1	1
Dung			
• misc dung pellets		7	

Table 7.6 Plant remains from bulk samples from house M50.16 – phase I/a.

Year/sample no	2014/7	2014/8
Square	I/-3	I/-3
Room	9	9
Unit	(15908)	(15918)
Feature type	Deposit	Deposit
Description	Sandy deposit between walls <15613> and <15909>	Charcoal and bone rich fill related to (15908)
Volume (ml)	140	400
Phase	I/a	I/a
‘Box oven’ east		‘Box oven’ west
Charred		
Cereals		
<i>Triticum turgidum</i> spp <i>dicoccum</i>		
• glume bases	1	4
• rachis fragments		1
<i>Indeterminate cereals</i>		
• embryos		1
Fruits		
<i>Ficus sycomorus</i>		
• seeds		1

Year/sample no		2014/7	2014/8
Non-cultivated			
Weeds of cultivation			
<i>Lolium temulentum</i>			
• grain			1
Miscellaneous			
• charcoal fragments			2
Dung			
• misc dung fragments			5

Table 7.7 Plant remains from hand-picked samples from house M50.16 – all phases (HP = hand-picked sample).

Year	2017	2017	2017	2017
Square	I/-2	I/-2	H/-2, I/-2	I/-2, I/-3
Room	9	9	2; 9	9
Unit	(17669)	(17603)	(17565)	(17636)
Feature type	Deposit	Surface	Deposit	Collapse
Description	Waste deposit between walls <17571> and <17761>	Weathered surface with pottery and small stones	Loose overblown yellow sand	Mud-brick collapse
Phase	I/o, I/a	I/a	I/a, II/a	II/a
Sample type	HP	HP	HP	HP
Desiccated				
Cereals				
<i>Triticum aestivum</i>				
• empty spikelet			1 ?modern	
• empty tail spikelet			4 ?modern	
<i>Indeterminate cereals</i>				
• culm internodes			3	
Fruits				
<i>Phoenix dactylifera</i>				
• leaf fragment	2			
Non-cultivated plants				
Weeds of cultivation				
<i>Poaceae</i>				
• leaf fragments				2
Miscellaneous				
• insects	cast of cocoon			1 (elytron)
Dung				
• ovicaprid dung pellet		1		
• misc dung pellets				1

Table 7.8 Scientific, English and vernacular names of the plants identified from M50.14–16 and their preservation.

Taxa	English	Vernacular (after Boulos 1983, 2005; Boulos and el-Hadidi 1994; Manniche 2006)	Charred	Desiccated
Cereals				
<i>Triticum turgidum spp dicoccum</i>	Emmer wheat	Qamh	x	x
<i>Triticum aestivum</i>	Bread wheat	Qamh Hindi		x
<i>Hordeum vulgare</i> (6-row)	Barley	Sha'eer	x	x
<i>Zea mays</i>	Maize	Dura Shami		x
Indeterminate cereals			x	x
Other crops				
<i>Vicia ervilia</i>	Bitter vetch	Kirsanna	x	x
<i>Pisum sativum</i>	Peas	Gilbaan	x	
<i>Linum usitatissimum</i>	Flax/linseed	Kettan	x	x
<i>Allium cepa</i>	Onion	Basal		x
Fruits				
<i>Ficus sycomorus</i>	Sycamore fig	Gemmeiz	x	x
<i>Ficus carica</i>	Fig	Teen		x
<i>Cf Morus alba</i>	White mulberry	Tout Abyad		x
<i>Cucumis sativa</i>	Cucumber, chate melon	Hiar, Abd el-Lawy, Hiar Qassa		x
<i>Citrullus lanatus</i>	Watermelon	Battyh, Libb		x
<i>Olea europaea</i>	Olive	Zaitoun		x
<i>Punica granatum</i>	Pomegranate	Romman	x	
<i>Hyphaene thebaica</i>	Doum palm	Doum		x
<i>Phoenix dactylifera</i>	Date palm	Nakla	x	x
Herbs/spices/condiments				
<i>Nigella sativa</i>	Black cumin	Kammun Aswad		x
<i>Foeniculum vulgare</i>	Fennel	Besbas, Nafa		x
<i>Cuminum cyminum</i>	Cumin	Kemmoun		x
Non-cultivated				
Weeds of cultivation				
<i>Rumex dentatus</i>	Dentated dock	Khillala	x	x
<i>Glinis lotoides</i>	Hairy glinis	Ghobbeira, Damsees		x
<i>Portulaca oleracea</i>	Purslane	Regla, Makhamakh, Lul'aneeb	x	x
<i>Silene conoidea</i>	Conoid catchfly	Za'afar	x	x
<i>Atriplex sp</i>	Orache	Roghl, Hawwa, Qataf, Hatab Abiad		x
<i>Chenopodium murale</i>	Nettle-leaved goosefoot	Lesan El-Teir, Abu 'Effein	x	x
<i>Brassica nigra</i>	Black mustard	Kabar, Khardal	x	
<i>Raphanus raphanistrum</i>	Wild radish	Figgeil	x	
<i>Lepidium sativum</i>	Cress	Rashad	x	
<i>Capsella sp</i>	Shepherd's-purse	Kies El-Ra'aie	x	
<i>Medicago sp</i>	Medick	Dreis, Nafal	x	
<i>Melilotus sp</i>	Melilot	Handaqouq	x	

Taxa	English	Vernacular (after Boulos 1983, 2005; Boulos and el-Hadidi 1994; Manniche 2006)	Charred	Desiccated
<i>Trifolium</i> sp	Clovers	Barseem, Qort	x	x
<i>Vicia</i> sp	Vetches	Nefel, Djelban, Douhreig	x	
<i>Vicia/Lathyrus</i> sp	Vetches/tares		x	
<i>Buglossoides cf tenuifolia</i>				x
<i>Echium rauwolfii</i>		Hinnet El-Ghoul, Lisan El-Thor	x	
<i>Centaurea</i> sp	Knapweeds	Morrar	x	
<i>Ambrosia maritima</i>	Sea ambrosia	Damseisa	x	x
<i>Anthemis pseudocotula</i>		Basoum, Erbeiyan	x	x
<i>Lolium temulentum</i>	Darnel	Zawaan	x	x
<i>Avena</i> sp	Wild oat	Khafour, Zommeir	x	
<i>Phalaris paradoxa</i>	Awned canary grass	Sha’eer El-Faar	x	x
<i>Phalaris minor</i>	Lesser canary grass	Sha’eer El-Faar		x
<i>Phalaris</i> sp	Canary grass	Sha’eer El-Faar	x	x
<i>Bromus</i> sp	Brome grass		x	
<i>Desmostachya bipinnata</i>	Halfa grass	Halfa	x	x
<i>Sorghum arundinaceum</i>		Hashish El-Faras, Garawa	x	x
<i>Poaceae</i>	Grasses		x	x
<i>Cyperus</i> sp	Nutgrass, Purple nutsedge	Se’ed	x	x
Desert wadis/sandy plains				
<i>Fagonica arabica</i>		Waraqa, Shobrog, Helwat El-Gamal		x
<i>Fagonia</i> sp		Shawka, Halawi		x
<i>Zilla spinosa</i>		Silla, Bseilla	x	x
<i>Heliotropium bacciferum</i>		Libbeid		x
<i>Echinops spinosus</i>		Qatad, Gorreih		x
cf <i>Pulicaria undulata</i>		Githgath, Dithdath, Sabad		x
Rocky ridges/Med region/Sinai				
<i>Juniperus phoenicea</i>		Ar’ar	x	
Trees/shrubs				
<i>Cedrus</i> sp	Cedar	Meddad, Erz, Lerz	x	
<i>Acacia</i> sp	Acacias	Sant, Qarad	x	x
<i>Ziziphus spina-christi</i>		Nabq, Sidr		x
<i>Tamarix nilotica</i>	Nile tamarisk	Abal, Tarfa	x	x
Number of taxa			40	46

Table 7.10 Number of plant remains per preservation type for each bulk sample and each phase.

Building/unit Phase	M50.15 (17732) O/o		M50.14 15785 I/o		M50.16 (15797) I/o		M50.14 (17744) I/a		M50.15 (17757) I/o, I/a		M50.16 (17669) I/o, I/a		M50.16 (17699) I/o, I/a	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D
Emmer grain	289	0	17	0	200	0	45	0	9	0	11	0	0	0
Emmer chaff	3347	2	78	3	154	0	548	85	269	0	90	102	22	2
Barley grain	25	1	3	0	1	0	6	0	3	0	1	0	0	0
Barley chaff	132	0	27	4	13	0	12	1	5	0	2	0	1	0
Other crops	40	5	1	1	0	0	4	69	7	1	2	8	0	5
Arable weeds	554	9	30	2	93	9	54	6	41	0	9	11	0	2
Trees/shrubs	19	0	1	0	0	0	11	0	3	0	0	0	1	0
Desert	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	4406	17	157	10	461	9	680	161	337	1	115	122	24	10
Items/litre	7314	27.2	522.8	33.3	709.9	13.86	2264.4	536.1	3370	10	143.75	152.5	96	40
Percentage	99.6	0.4	94	6	98.1	1.9	80.9	19.1	99.7	0.3	48.5	51.5	70.6	29.4

Table 7.11 Percentage of chaff present in each bulk sample.

Building/unit Phase	M50.15 (17732) O/o		M50.14 15785 I/o		M50.16 (15797) I/o		M50.14 (17744) I/a		M50.15 (17757) I/o, I/a		M50.16 (17669) I/o, I/a		M50.16 (17669) I/o, I/a	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D
% emmer chaff	75.7	0.04	46.7	1.8	32.8	0	65.2	10.1	79.6	0	38	43	64.7	6
% barley chaff	3	0	16.16	2.4	2.8	0	0.1	0.1	0.3	0	0.8	0	3	0
Total % chaff/sample	78.7	0.04	62.86	4.2	35.6	0	65.3	10.2	79.9	0	38.8	43	67.7	6

Table 7.12 Average items per litre, percentage charred and desiccated for each of the major published sites at Amarna. Ranges in brackets.

Site	M50.14–16 (n=7)	Ranefer (n=5)	Stone Village (n=14)
Average items/litre	2176.25 (136–7341.2)	3241.7 (2.87–15,805.8)	2426.43 (427.6–6651.25)
Average % charred	84.5 (48.5–99.7)	50.04 (7.4–85.7)	40 (2.1–90.6)
Average % desiccated	15.5 (0.3–51.5)	49.94 (14.3–92.6)	60 (9.4–97.9)

Table 7.13 Presence of each taxon identified for all phases of the site (* identified from hand-picked samples only).

Phase	O/n	O/o	I/o	I/a	I/o, I/a	II/a	II/e
Cereals							
<i>Triticum turgidum</i> spp <i>dicoccum</i>		x	x	x	x		
<i>Hordeum vulgare</i> (6-row)		x	x	x	x		
Other crops							
<i>Vicia ervilia</i>		x					
<i>Pisum sativum</i>					x		
<i>Linum usitatissimum</i>		x	x	x	x		
<i>Allium cepa</i>	x*						
Fruits							
<i>Ficus sycomorus</i>		x	x		x		
<i>Ficus carica</i>				x	x		
cf <i>Morus alba</i>				x			

Phase	O/n	O/o	I/o	I/a	I/o, I/a	II/a	II/e
<i>Cucumis sativa</i>				x			
<i>Citrullus lanatus</i>	x*			x	x		
<i>Olea europaea</i>					x		
<i>Punica granatum</i>		x					
<i>Hyphaene thebaica</i>						x*	x*
<i>Phoenix dactylifera</i>		x				x*	x*
Herbs/spices/condiments							
<i>Nigella sativa</i>		x					
<i>Foeniculum vulgare</i>		x					
<i>Cuminum cyminum</i>					x		
Non-cultivated							
Weeds of cultivation							
<i>Rumex dentatus</i>		x	x	x	x		
<i>Glinis lotoides</i>			x				
<i>Portulaca oleracea</i>		x	x	x	x		
<i>Silene conoidea</i>		x					
<i>Atriplex</i> sp				x			
<i>Chenopodium murale</i>		x		x			
<i>Brassica nigra</i>					x		
<i>Raphanus raphanistrum</i>							
<i>Lepidium sativum</i>				x			
<i>Capsella</i> sp			x				
<i>Medicago</i> sp					x		
<i>Melilotus</i> sp							
<i>Trifolium</i> sp				x	x		
<i>Vicia</i> sp							
<i>Vicia/Lathyrus</i> sp		x					
<i>Buglossoides</i> cf <i>tenuifolia</i>					x		
<i>Echium rauwolfii</i>		x					
<i>Centaurea</i> sp		x					
<i>Ambrosia maritima</i>				x	x		
<i>Anthemis pseudocotula</i>		x		x	x		
<i>Lolium temulentum</i>		x	x	x	x		
<i>Avena</i> sp		x					
<i>Phalaris paradoxa</i>		x			x		
<i>Phalaris minor</i>	x*						
<i>Phalaris</i> sp		x	x	x	x		
<i>Bromus</i> sp							
<i>Desmostachya bipinnata</i>	x*		x*	x			
<i>Sorghum arundinaceum</i>		x			x		
<i>Poaceae</i>		x	x		x		

Phase	O/n	O/o	I/o	I/a	I/o, I/a	II/a	II/e
<i>Cyperus</i> sp		x		x			
Desert wadis/sandy plains							
<i>Fagonica arabica</i>		x*			x		
<i>Fagonia</i> sp				x*			
<i>Zilla spinosa</i>			x*	x*			
<i>Heliotropium bacciferum</i>					x		
<i>Echinops spinosus</i>				x*			
cf <i>Pulicaria undulata</i>				x*			
Rocky ridges/Med region/Sinai							
<i>Juniperus phoenicea</i>						x*	
Trees/shrubs							
<i>Cedrus</i> sp			x	x			
<i>Acacia</i> sp		x		x*			
<i>Ziziphus spina-christi</i>	x*		x*				
<i>Tamarix nilotica</i>		x		x	x		

Table 7.14 Comparison of plant remains found at different areas of Amarna (¹ Clapham and Stevens 2012; ² Stevens and Clapham 2014; ³ Stevens and Clapham; ⁴ Clapham, this volume).

Latin name/common name	Stone Village¹	Workmen's Village²	Grid 12/N50.23³	Ranefer³	M50.14–16⁴
<i>Allium cepa</i> (onion)					
<i>Allium sativum</i> (garlic)					
<i>Amygdalus communis</i> (almond)					
<i>Anetheum graveolens</i> (dill)					
<i>Apium graveolens</i> (celery)					
<i>Carthamus tinctoria</i> (safflower)					
<i>Citrullus lanatus</i> (watermelon)					
<i>Coriandrum sativum</i> (coriander)					
<i>Cucumis melo/sativus</i> (melon/cucumber)					
<i>Cuminum cyminum</i> (cumin)					
<i>Cyperus esculentus</i> (chufa)					
<i>Ficus sycomorus</i> (sycamore fig)					
<i>Ficus</i> sp (fig)					
<i>Foeniculum vulgare</i> (fennel)					
<i>Hordeum vulgare</i> (hulled) (barley)					
<i>Hyphaene thebaica</i> (doum palm)					
<i>Lactuca sativa</i> (lettuce)					
<i>Lathyrus sativus</i> (grass pea)					
<i>Lens culinaris</i> (lentil)					
<i>Lepidium sativum</i> (cress)					
<i>Linum usitatissimum</i> (flax/linseed)					
<i>Lupinus albus</i> (white lupin)					

Latin name/common name	Stone Village ¹	Workmen’s Village ²	Grid 12/N50.23 ³	Ranefer ³	M50.14–16 ⁴
<i>Mimusops laurifolia</i>					
<i>Nigella sativa</i> (black cumin)					
<i>Ocimum</i> cf <i>basilicum</i> (basil)					
<i>Olea europaea</i> (olive)					
<i>Phoenix dactylifera</i> (dates)					
<i>Pisum sativum</i> ssp <i>elatus</i> (peas)					
<i>Pisum sativum</i> ssp <i>sativum</i> (peas)					
<i>Punica granatum</i> (pomegranate)					
<i>Ricinus communis</i> (castor oil)					
cf <i>Spinacea oleracea</i> (spinach)					
<i>Trigonella foenum-graecum</i> (fenugreek)					
<i>Triticum dicoccum</i> (emmer wheat)					
<i>Vicia ervilia</i> (bitter vetch)					
<i>Vitis vinifera</i> (grape)					
Total of taxa	21	26	12	14	18

Table 7.15 Comparison of non-cultivated plant remains found at different areas of Amarna (¹Clapham and Stevens 2012; ²Stevens and Clapham 2014; ³Stevens and Clapham 2010; ⁴Clapham, this volume).

Latin name/common name	Stone Village ¹	Workmen’s Village ²	Grid 12/N50.23 ³	Ranefer ³	Grid 12/M50.14–16 ⁴
Non-cultivated					
Weeds of cultivation					
<i>Atriplex</i> sp (orache)					
<i>Ambrosia maritima</i> (sea ambrosia)					
<i>Anthemis pseudocotula</i> (mayweed)					
<i>Avena</i> sp (wild oat)					
<i>Beta vulgaris</i> (wild beet)					
<i>Brassica nigra</i> (black mustard)					
<i>Bromus</i> sp (brome grass)					
<i>Buglossoides</i> cf <i>tenuifolia</i>					
<i>Capsella</i> sp (shepherd’s-purse)					
<i>Centaurea</i> sp (knapweeds)					
<i>Chenopodium ficifolium</i> (fig-leaved goosefoot)					
<i>Chenopodium murale</i> (nettle-leaved goosefoot)					
<i>Coronopus niloticus</i> (rashad)					
<i>Cyperus</i> sp (nutgrass)					
<i>Crypsis</i> sp					
<i>Desmostachya bipinnata</i> (halfa grass)					
<i>Digitaria sanguinalis</i> (crab grass)					
<i>Enarthrocarpus lyratus</i> (sheltam)					
<i>Echium rauwolfii</i> (hinnat al-ghul)					
<i>Emex spinosa</i> (prickly dock)					
<i>Fimbristylis bisumbellata</i> (shara)					

Latin name/common name	Stone Village ¹	Workmen’s Village ²	Grid 12/N50.23 ³	Ranefer ³	Grid 12/M50.14–16 ⁴
<i>Glinus lotoides</i> (hairy glinus)					
<i>Lamium amplexicaule</i> (henbit)					
<i>Lepidium sativum</i> (cress)					
<i>Lolium temulentum</i> (darnel)					
<i>Malva parviflora</i> (small-flowered mallow)					
<i>Medicago</i> sp (medick)					
<i>Melilotus</i> sp (melilot)					
<i>Picris</i> sp					
<i>Phalaris paradoxa</i> (awned canary grass)					
<i>Phalaris minor</i> (lesser canary grass)					
<i>Phalaris</i> sp (canary grass)					
<i>Poaceae</i> (grasses)					
<i>Portulaca oleracea</i> (purslane)					
<i>Raphanus raphanistrum</i> (wild radish)					
<i>Rumex dentatus</i> (dentated dock)					
<i>Silene conoidea</i> (conoid catchfly)					
<i>Sinapsis alba/arvensis</i> (white mustard/charlock)					
<i>Solanum nigrum</i> (black nightshade)					
<i>Sonchus asper</i>) (prickly sowthistle)					
<i>Sonchus oleraceus</i> (smooth sowthistle)					
<i>Sorghum arundinaceum</i> (Tunis grass)					
<i>Schoenoplectus</i> sp					
<i>Trifolium</i> sp (clovers)					
<i>Vaccaria hispanica</i> (cow herb)					
<i>Vicia</i> sp (vetches)					
<i>Withania somnifera</i> (clustered withania)					
Desert wadis/sandy plains					
<i>Artemesia judaica</i>					
<i>Asphodelus</i> sp (asphodel)					
<i>Bassia muricata</i> (ghobbeira)					
<i>Carduus</i> sp (musk thistles)					
<i>Citrullus colocynthis</i> (colocynth)					
<i>Cornulaca</i> sp (haad)					
<i>Echinops spinosus</i> (globe thistle)					
<i>Fagonica arabica</i>					
<i>Fagonia</i> sp					
<i>Heliotropium bacciferum</i> (heliotrope)					
<i>Panicum turgidum</i>					
cf <i>Pulicaria undulata</i>					
<i>Reseda</i> sp					
<i>Schouwia purpurea</i>					

Latin name/common name	Stone Village ¹	Workmen’s Village ²	Grid 12/N50.23 ³	Ranefer ³	Grid 12/M50.14–16 ⁴
<i>Senna</i> sp					
<i>Tamarix aphylla</i> (tamarisk)					
<i>Tribulus</i> sp					
<i>Trichodessma ehrenbergii</i>					
<i>Zilla spinosa</i>					
<i>Zygophyllum</i> sp					
Rocky ridges/Med region/Sinai					
<i>Juniperus phoenicea</i>					
Trees/shrubs					
<i>Acacia</i> sp (acacia)					
<i>Balanites aegyptiaca</i> (sugar date)					
<i>Cedrus</i> sp (cedar)					
<i>Tamarix nilotica</i> (Nile tamarisk)					
<i>Ziziphus spina-christi</i> (sidr)					
Total of taxa	47	31	16	30	39

CHAPTER 8: THE ZOOARCHAEOLOGICAL EVIDENCE

Table 8.1 The species found within each excavation unit.

Unit/species	Number of Identified Specimens	Unit/species	Number of Identified Specimens	Unit/species	Number of Identified Specimens	Unit/species	Number of Identified Specimens
(15605)	3	• <i>Mus musculus</i>	1	(15639)	1	• <i>Aspatharia</i>	1
• <i>Aspatharia</i>	2	(15623)	3	• Mammal, medium	1	• Bivalve	1
• <i>Corbicula</i>	1	• <i>Corbicula</i>	3	(15641)	7	• Catfish	1
(15606)	1	(15628)	5	• <i>Corbicula</i>	6	• <i>Canis familiaris</i>	1
• Mammal, large	1	• <i>Bos taurus</i>	2	• Fish	1	• <i>Corbicula</i>	3
(15608)	1	• <i>Capra hircus</i>	1	(15645)	2	• <i>Etheria elliptica</i>	1
• <i>Aspatharia</i>	1	• Mammal, large	1	• Mammal, medium	2	• Mammal, medium	4
(15609)	2	• Mammal, medium	1	(15646)	60	• Rallidae	1
• <i>Aspatharia</i>	1	(15629)	13	• <i>Anas</i> sp.	2	• <i>Synodontis</i> sp.	3
• <i>Corbicula</i>	1	• <i>Bos taurus</i>	4	• Animal	1	(15657)	17
(15610)	9	• <i>Corbicula</i>	1	• <i>Aspatharia</i>	2	• <i>Bos taurus</i>	1
• <i>Aspatharia</i>	1	• <i>Lates niloticus</i>	1	• Bivalve	1	• Catfish	2
• Bivalve	1	• Mammal, large	2	• Bird	2	• <i>Corbicula</i>	13
• <i>Bos taurus</i>	1	• Mammal, medium	2	• <i>Bos taurus</i>	4	• <i>Synodontis</i> sp.	1
• <i>Canis familiaris</i>	1	• <i>Ovis aries</i>	1	• Catfish	4	(15658)	24
• Mammal, large	1	• <i>Ovis/Capra</i>	2	• <i>Corbicula</i>	26	• <i>Anas</i> sp.	2
• Mammal, medium	4	(15630a and b)	8	• Fish	1	• <i>Aspatharia</i>	1
(15612)	11	• Bird	1	• Mammal, large	3	• Bird	1
• <i>Bos taurus</i>	3	• <i>Bos taurus</i>	1	• Mammal, medium	5	• Carnivore	1
• <i>Corbicula</i>	1	• Mammal, large	2	• Mammal, medium–small	2	• Fish	1
• Mammal, large	3	• Mammal, medium	3	• <i>Ovis/Capra</i>	2	• Mammal, large	3
• Mammal, medium	2	• <i>Sus scrofa domesticus</i>	1	• <i>Sus scrofa domesticus</i>	2	• Mammal, medium	8
• Mammal, medium–large	1	(15637)	22	• <i>Synodontis</i> sp.	3	• Mammal, medium–large	1
• <i>Synodontis</i> sp.	1	• <i>Bagrus bayad</i>	1	(15649)	5	• <i>Ovis/Capra</i>	6
(15990) from [15618]	1	• <i>Bos taurus</i>	2	• Mammal, medium	5	(15662)	6
• <i>Anas crecca</i>	1	• <i>Corbicula</i>	1	(15650)	4	• Catfish	1
(15620)	11	• Fish	5	• Mammal, medium	4	• <i>Capra hircus</i>	1
• <i>Aspatharia</i>	1	• Lizard	1	(15655)	6	• Mammal, medium	3
• Bivalve	1	• Mammal, large	6	• Fish	1	• <i>Ovis/Capra</i>	1
• <i>Corbicula</i>	8	• Mammal, medium	4	• Mammal, medium	3	(15664)	3
• <i>Etheia elliptica</i>	1	• <i>Ovis/Capra</i>	1	• <i>Ovis/Capra</i>	2	• <i>Homo sapiens sapiens</i>	1
(15621)	2	• <i>Tilapia</i>	1	(15656)	18	• Mammal, medium	1
• Mammal, medium–small	1			• <i>Arvicanthis niloticus</i>	2	• <i>Ovis/Capra</i>	1

Unit/species	Number of Identified Specimens
(15665)	1
• <i>Corbicula</i>	1
(15667)	8
• <i>Corbicula</i>	4
• Fish	1
• Mammal, medium	1
• <i>Ovis/Capra</i>	2
(15669)	1
• Bird	1
(15673)	2
• Fish	1
• Mammal, medium	1
(15674)	2
• Mammal, medium	1
• <i>Tilapia</i>	1
(15678)	1
• <i>Sus scrofa domesticus</i>	1
(15679)	3
• Mammal, medium	2
• <i>Sus scrofa domesticus</i>	1
(15683)	2
• Mammal, medium	1
• <i>Ovis/Capra</i>	1
(15684)	10
• Bird	2
• Mammal, medium	6
• <i>Ovis/Capra</i>	2
(15686)	2
• <i>Aspatharia</i>	1
• Mammal, medium	1
15687	5
• Catfish	1
• Mammal, medium	2
• <i>Ovis/Capra</i>	2
(15694)	43
• <i>Aspatharia</i>	3
• Bird	5
• <i>Bos taurus</i>	6
• Fish	2
• Mammal, medium	17
• Mammal, medium–large	1

Unit/species	Number of Identified Specimens
• Mammal, medium–small	1
• <i>Ovis/Capra</i>	2
• <i>Sus scrofa domesticus</i>	3
• <i>Synodontis</i> sp.	1
• <i>Tilapia</i>	2
15704	5
• <i>Corbicula</i>	2
• Fish	1
• Mammal, medium	1
• <i>Ovis/Capra</i>	1
(15705)	3
• <i>Corbicula</i>	2
• Mammal, medium	1
15708	20
• <i>Corbicula</i>	20
[15709] from (15751)	2
• <i>Corbicula</i>	1
• <i>Streptopelia</i> sp.	1
(15710)	2
• <i>Corbicula</i>	1
• Mammal, large	1
(15716)	1
• <i>Synodontis</i> sp.	1
(15727)	3
• <i>Bagrus bayad</i>	1
• Mammal, medium	1
• Mammal, medium–large	1
(15728)	3
• Bivalve	1
• <i>Lates niloticus</i>	1
• Mammal, medium	1
(15729)	1
• Mammal, medium	1
(15732)	18
• <i>Aspatharia</i>	1
• Catfish	1
• <i>Capra hircus</i>	2
• <i>Corbicula</i>	1
• Fish	6
• Lizard	1
• Mammal, medium	3

Unit/species	Number of Identified Specimens
• <i>Ovis/Capra</i>	1
• <i>Sus scrofa domesticus</i>	1
• <i>Tilapia</i>	1
(15749)	3
• Mammal, medium	3
(15753)	6
• <i>Bos taurus</i>	1
• Mammal, medium	1
• <i>Ovis/Capra</i>	4
(15755)	3
• <i>Aspatharia</i>	1
• <i>Lates niloticus</i>	1
• Mammal, medium	1
(15757)	1
• Mammal, large	1
(15758)	3
• Mammal, medium	3
(15759)	2
• <i>Bos taurus</i>	1
• Mammal, large	1
(15762)	43
• <i>Corbicula</i>	39
• Mammal, large	1
• Mammal, medium	3
(15763)	5
• Bird	1
• Fish	1
• Mammal, large	1
• Mammal, medium	1
• <i>Ovis/Capra</i>	1
(15772)	1
• <i>Corbicula</i>	1
(15775)	1
• <i>Corbicula</i>	1
(15778)	4
• <i>Corbicula</i>	1
• Mammal, large	1
• Mammal, medium–large	1
• <i>Ovis/Capra</i>	1
(15779)	1
• Mammal, medium	1

Unit/species	Number of Identified Specimens
15780	1
• Mammal, medium	1
(15782)	19
• Catfish	1
• <i>Corbicula</i>	14
• Fish	1
• Mammal, large	1
• Mammal, medium	2
(15783)	11
• Bird	1
• <i>Bos taurus</i>	2
• <i>Corbicula</i>	4
• Mammal, large	2
• Mammal, medium	2
15785	4
• Mammal, medium	3
• Mammal, medium–small	1
(15790)	3
• <i>Arvicanthis niloticus</i>	1
• Bird	1
• Mammal, medium–small	1
(15791)	1
• <i>Ovis aries</i>	1
(15792)	1
• Shell	1
(15794)	4
• Rodent	2
• <i>Soricidae</i>	1
• <i>Sylviid</i> warbler	1
15796	1
• Bird	1
(15797)	15
• <i>Lates niloticus</i>	1
• Mammal, medium	3
• Mammal, small	8
• <i>Ovis/Capra</i>	1
• Rodent	2
(15799)	1
• <i>Ovis/Capra</i>	1
15800	1
• Mammal, large	1

Unit/species	Number of Identified Specimens
(17503)	3
• <i>Corbicula</i>	2
• Mammal, medium	1
(17504)	2
• Mammal, medium	2
(17506)	5
• Mammal, large	1
• Mammal, medium	2
• <i>Ovis aries</i>	1
• <i>Ovis/Capra</i>	1
(17507)	5
• <i>Aspatharia</i>	1
• <i>Corbicula</i>	1
• Mammal, medium	2
• <i>Unio</i> sp.	1
(17508)	5
• Catfish	1
• Mammal, large	1
• Mammal, medium	1
• <i>Ovis/Capra</i>	2
(17509)	1
• <i>Aspatharia</i>	1
(17511)	1
• <i>Ovis/Capra</i>	1
(17513)	9
• Bird	1
• Catfish	1
• <i>Corbicula</i>	1
• Fish	1
• Mammal, large	1
• Mammal, medium	2
• Mammal, medium–large	1
• <i>Ovis/Capra</i>	1
(17514)	1
• Mammal, large	1
(17516)	1
• <i>Ovis/Capra</i>	1
(17517)	8
• Fish	1
• <i>Ovis/Capra</i>	1
• <i>Tilapia</i>	6

Unit/species	Number of Identified Specimens
(17518)	3
• Mammal, medium	2
• <i>Synodontis</i> sp.	1
(17522)	10
• Bird	1
• Catfish	8
• Mammal, large	1
(17525)	1
• Mammal, medium	1
(17530)/(17531)	5
• <i>Bos taurus</i>	1
• Fish	2
• <i>Lates niloticus</i>	1
• Mammal, medium	1
(17534)	14
• <i>Bos taurus</i>	2
• Mammal, large	4
• Mammal, medium	5
• Mammal, medium–large	1
• <i>Ovis/Capra</i>	2
(17535)	1
• <i>Bos taurus</i>	1
17541	1
• <i>Corbicula</i>	1
(17542)	5
• Fish	1
• Mammal, medium	4
(17544)	3
• Mammal, large	1
• <i>Ovis/Capra</i>	2
(17550)	5
• <i>Bos taurus</i>	1
• Mammal, medium	4
17554	1
• Mammal, large	1
(17555)	2
• Mammal, medium	1
• Rodent	1
(17563)	1
• Bivalve	1

Unit/species	Number of Identified Specimens
(17565)	10
• <i>Aspatharia</i>	1
• <i>Lates niloticus</i>	1
• Mammal, large	3
• Mammal, medium	3
• <i>Ovis/Capra</i>	1
• <i>Sus scrofa domesticus</i>	1
(17567)	1
• <i>Sus scrofa domesticus</i>	1
(17568)	3
• Bird	1
• Mammal, medium	2
<17573>	3
• <i>Aspatharia</i>	2
• Catfish	1
(17577)	1
• <i>Unio</i> sp.	1
(17582)	2
• <i>Anser</i> sp.	1
• Mammal, medium	1
(17583)	1
• Mammal, medium	1
(17585)	4
• Mammal, large	2
• Mammal, medium	1
• <i>Ovis/Capra</i>	1
17595	8
• <i>Aspatharia</i>	4
• Mammal, medium	3
• <i>Tilapia</i>	1
(17603)	10
• Bivalve	2
• Mammal, large	2
• Mammal, medium	3
• <i>Ovis/Capra</i>	1
• <i>Tilapia</i>	2
(17605)	3
• Catfish	1
• Fish	1
• Mammal, medium	1

Unit/species	Number of Identified Specimens
(17610)	2
• Mammal, medium	1
• <i>Sus scrofa domesticus</i>	1
(17611)	40
• Bird	1
• <i>Bos taurus</i>	2
• <i>Capra hircus</i>	2
• Fish	3
• Mammal, large	18
• Mammal, medium	10
• <i>Ovis/Capra</i>	4
(17613)	2
• <i>Corbicula</i>	1
• <i>Ovis / Capra</i>	1
17614	3
• Fish	1
• Mammal, medium	1
• <i>Ovis/Capra</i>	1
(17621)	2
• Mammal, medium	1
• <i>Unio</i> sp.	1
(17622)	2
• <i>Lates niloticus</i>	1
• Mammal, medium	1
(17624)	1
• Fish	1
17626	1
• <i>Aspatharia</i>	1
<17627> (cf. <17579>)	1
• Fish	1
17628	2
• Bird	1
• <i>Corbicula</i>	1
17629	1
• Mammal, large	1
17631	1
• <i>Corbicula</i>	1
(17634)	4
• <i>Aspatharia</i>	1
• Fish	1
• Mammal, medium	1

Unit/species	Number of Identified Specimens
• <i>Ovis/Capra</i>	1
(17636)	1
• Mammal Medium	1
(17655)	1
• Mammal, medium	1
17657	2
• Catfish	1
• Mammal, medium	1
(17658)	3
• <i>Bos taurus</i>	1
• <i>Ovis/Capra</i>	2
(17659)	9
• Mammal, large	3
• Mammal, medium	2
• Mammal, medium–large	2
• <i>Sus scrofa domesticus</i>	1
• <i>Synodontis</i> sp.	1
(17669)	66
• <i>Bos taurus</i>	1
• Catfish	2
• Fish	52
• Mammal, large	1
• Mammal, medium	2
• <i>Tilapia</i>	8
(17670)	2
• <i>Aspatharia</i>	1
• Mammal, large	1
(17672)	3
• <i>Lates niloticus</i>	1
• Mammal, medium	1
• Mammal, medium–small	1
(17682)	1
• Mammal, medium–large	1
(17691)	2
• Mammal, medium	2
(17693)	1
• <i>Bos taurus</i>	1
(17698)	2
• <i>Sus scrofa domesticus</i>	1
• <i>Tilapia</i>	1

Unit/species	Number of Identified Specimens
(17701)	2
• Mammal, medium	1
• Mammal, large	1
(17706)	2
• <i>Equus asinus</i>	1
• Mammal, large	1
(17707)	4
• Fish	2
• Mammal, medium	2
(17721)	4
• Bivalve	1
• Bird	1
• <i>Corbicula</i>	1
• Mammal, medium	1
(17725)	1
• Mammal, medium	1
(17732)	41
• Bird	1
• <i>Bos taurus</i>	2
• Fish	7
• <i>Lates niloticus</i>	3
• Mammal, large	2
• Mammal, medium	21
• Mammal, medium–large	4
• Mammal, medium–small	1
(17734)	2
• Mammal, large	1
• Mammal, medium	1
(17740)	5
• Mammal, medium	2
• <i>Sus scrofa domesticus</i>	3
(17744)	7
• Fish	6
• Mammal, large	1
(17749)	4
• <i>Corbicula</i>	2
• Mammal, medium	1
• Mammal, small	1
(17757)	4
• Mammal, medium	4

Unit/species	Number of Identified Specimens
(17757) from [17683]	3
• Fish	1
• Mammal, large	2
Total	893

CHAPTER 9: THE ARCHAEOLOGICAL EVIDENCE AND THE *CHAÎNE OPÉRATOIRE* OF GLASS MANUFACTURE AND -WORKING AT M50.14–16

Table 9.1 So-called ‘fritting pans’. The layering terminology refers to that defined by Smirniou and Rehren (2016). The layering information for entries marked with an * in the description has been supplied by M. Smirniou (pers. comm. 2022).

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Diameter (cm)
40597	K/-4, 15685	Fragment from the rim of ceramic bowl (type SD 1.5). Nile silt, fired hard. The inside of the sherd is coated in grainy and slightly bubbly, opaque, dark blue glass with a small number (discernible) of rounded quartz grains (max. diameter <0.1 cm). Below this, the yellow parting layer is visible. The glass area is 2.14 cm (L) × 2.13 cm (W) × 0.3 cm (max. T). Cf. object no. 40607. A dark strip on top of the ceramic material (from lowermost break to highest point of parting layer) may be the ‘bottle-green interface’ (although no further diagnostics).* <i>pXRF (glass on interior): equal Co and Cu. Elevated Sb.</i>	Glass: dark blue, 647 M	3.57 × 3.26 × 0.79	18
40607	J/-4, 15727	Rim fragment from a red Nile clay ceramic bowl (type SD 1.5). The inner surface is coated in parting layer. Onto this, a layer of bubbly, mid to dark blue glass adheres (max. 0.5 cm thick), which contains some unfused quartz grains. Under the parting layer, a thin layer of vitrification can be observed (possibly the ‘bottle-green interface’ or vitrified ceramic?). The inner surface of the sherd, above the yellow parting layer, is blackened. Cf. object no. 40597. Approximately 3–4% of diameter preserved. Multi-layered: blue glass; parting layer; discoloration.* <i>pXRF (glass on interior): both Co and Cu present, elevated Sb.</i>	Glass: dark blue, 2746 M	4.23 × 3.12 × 0.9	18

Table 9.2 Glass ingots.

Object no.	Provenance	Description	Colour description and Pantone	Dimensions (cm)	Diameter (cm)
40344	H/-4, 15646	Fragment. Roughly triangular in shape with angular edges that are rounded towards the base. The intact, rounded edge and the base match the shape and size of a large number of the cylindrical vessels found at the site. The outer edge and base are covered in a parting layer, of which some small patches are missing. The upper surface and other edges are chipped; the rounded and rippled portions of removed glass indicating that the glass was chipped from the edges of the ingot towards its centre. The glass fabric is opaque and slightly iridescent. About 25% of the diameter is preserved. <i>pXRF: Co coloured, Sb present, some Cu, little Pb.</i>	Violet-blue, opaque, 2726 M / 7455 M?	L=8.22 × W=6.27 × T=2.25 Weight: 110 g	11 (base), 12 (upper edge)
40384	Surface, just south-east outside K/-4	Almost intact with original upper surface, rounded edges, straight sides and a rounded base. A chip has broken off on one side, showing the inner matrix, from the top of the ingot and almost to the base. A chip of c.2.73 cm width and 2.79 cm length has been removed from the thickest part of the ingot, revealing a spongy, light blue glass matrix with bubbles. The upper surface is weathered with bubbles of various sizes (c.0.05–0.69 cm) across the face and around most of the edge. The larger bubbles appear to be more common towards the upper surface of the object. The outer sides and base are coated in a parting layer that has darkened to brown across 25% of the base. The colour of the weathering is pale blue on top but darkens towards the bottom, as visible in the lateral break. Further, smaller breaks are discernible around the edges of the ingot, although these do not affect the overall shape of the object. However, the glass in the break is still patinated and, therefore, the original colour of the object is uncertain. The upper surface is at a c.12-degree angle to the lower surface, indicating that the vessel in which the glass annealed rested at an angle, thus allowing the glass to harden in this way. <i>pXRF: very little Sb, elevated Cu, very little Co. Slightly elevated Mn.</i>	Blue, translucent, 2707 M (top: weathering), 646 M–651 M (break: slightly weathered core glass)	T=0.9–2.58 Weight: 90 g	6.07 (top), 5.06 (base)

Table 9.3 Cylindrical vessels and possible fragments of the same vessel type. All made from Nile silt (dark red, sometimes purple, with many lime inclusions and frequently with a yellow slip on the outside). The layering terminology refers to that defined by Smirniou and Rehren (2016). The layering information for entries marked with an * in the description has been supplied by M. Smirniou (pers. comm. 2022).

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Diameter (cm)	Height (cm)
37978	Surface (German grid square M49, SE corner; most likely N49.38/39)	Rim fragment. Inside: remains of a cream-coloured parting layer and heavily weathered and devitrified (light) blue/turquoise glass. Preserved in patches until about 1.5 cm below the rim; a rim of turquoise glass runs horizontally c.2.5 cm above the lower break, where the ingot has been removed. The wall of the vessel tapers towards the rim and has a possible ‘bottle-green glass interface’. The outer surface of the vessel is slightly darker in colour, probably from weathering.	N/A, Glass: 639 M	8.3 × 7.3 × 1–1.2 (wall)	c.18 (upper diam.)	N/A
40061	Surface (German grid square M49, SE corner; most likely N49.38/39)	Base fragment. Inside coated in parting layer, below which a possible ‘bottle-green glass interface’ can be seen (although weathered). No remains of glass discernible inside the vessel. The walls at the base have a thickness of >1 cm. The base and part of the outer wall near the base are vitrified and coated in a thin layer of greenish glaze with a few bubbles, which follows a semi-circle, possibly where this vessel had been stacked on top of another cylindrical vessel. Cf. pottery catalogue (section 5.6: cat. 18).	N/A	9.2 × 5.8 × 2–2.3 (base); 1.35 (wall)	c.16	3.4
40339	Surface, south of I/-4	Base fragment. Walls are completely broken away. Patch (c.1 cm diam.) of possible vitrification at base of fragment. No layering discernible.	N/A	8 × 5.72 × 2.09	N/A	N/A
40340	Old spoil heap south-east of site	From the centre of the vessel to the outer edge. Only a very small portion of the vessel wall is still attached – about 0.7 cm high and less than 2 cm long. A small area of red discoloration on the inside of the base. At its centre, there is a slightly raised area to which small patches of pale blue glass adhere. Traces of dark blue-green vitrification along the outer edge of the vessel, 0.65 cm wide, adhering to a larger vitrified area. Approximately 25% of the diameter preserved. Multi-layered: parting layer and ‘bottle-green glass interface’ between parting layer and ceramic; no buff zone, no pink discoloration.* <i>pXRF (glass below parting layer): no Sb detected. Very low Co and Cu.</i>	Glass: pale blue, 652 M (weathered)	11.6 × 7.19 × 1.66	15	N/A

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Diameter (cm)	Height (cm)
40341	I/-4, 15604	Edge, including a small portion of the base and wall. The inside is covered in parting layer. The wall is considerably thinner than the base of the vessel. Approximately 15% of the diameter preserved. Fits with object nos 40625, 40354, 40357 and 40358. Probably not multi-layered, although possible thin ‘bottle-green glass interface’ layer discernible below parting layer (uncertain).	N/A	8.49 × 5.08 × 2.47 (base), 1.20 (wall)	total: 17	N/A
40342	I/-4, 15605	Small, non-diagnostic wall fragment of a possible cylindrical vessel (or another vessel with an industrial purpose). Small patches of parting layer preserved on the inside. No layering discernible.	N/A	6.87 × 5.17 × 1.77	N/A	N/A
40343	I/-4, 15605	Very small base fragment. Interior is coated in parting layer. No layering discernible.	N/A	4.67 × 3.72 × 2.54	N/A	N/A
40345	H/-4, 15646	Base and walls (up to 3.7 cm high, measured from the base) preserved. The bottom of the base is slightly concave and has semi-circular lines along the bottom, with a rough outer edge that is a slight ridge. An area of the outside wall has a thin layer of blue-green material (not glaze) adhering to it. The inside of the vessel is slightly charred and has a small patch of pale blue-green glass adhering to the edge where the inner base meets the wall. Thirty-five per cent of base preserved. No layering discernible.	Glass: pale blue, N/A	14.7 × 6.76 × 2.15 (base), 1.10 (wall)	16	N/A
40347	I/-4, 15605	Base and wall fragment. Red silt ceramic fabric. Inside is covered in parting layer. Wall is broken off and only 3.04 cm high, from the base. The base is very flat and has a small patch of greyish/pale blue, translucent glass adhering to it. Patches of lime are also on the base. Seventeen per cent of the diameter is preserved. No layering discernible.	Glass: colourless / pale blue, transparent, 651 M	7.53 × 3.36 × 1.33 (base), 1.53 (wall)	14	N/A
40348	Surface, south-east of site	Base fragment. Includes approximately 30–40% of the base, but only a small portion of the outer edge and remains of walls. The wall is covered in a pale yellow slip. On the outer wall surface and only very partially on the base, is a spot of vitrification, possibly related to extreme heat from the outside. The inner surface of the base is covered in parting layer that is bubbled and slightly vitrified near the centre of the base, with a possible ‘bottle-green glass interface’ visible in section, which is less discernible in the upper/wall section.	N/A	13.6 × 8.51 × 2.26	18 (based on a very small edge)	N/A
40349	Surface, north-west of site	Base, outer edge and a small amount of wall (3.35 cm high, measured from the base). Red silt ceramic fabric. Inner surface is covered in parting layer. Outer base is flat on bottom with a vertical outer wall. Twenty per cent of the diameter is preserved. No layering discernible.	N/A	8.55 × 8.75 × 1.9 (base), 1.35 (wall)	16	N/A
40350	H/-3, 15608	Small, non-diagnostic wall fragment. Parting layer adhered to the inside. Ten per cent of diameter preserved. No layering discernible.	N/A	4.83 × 2.63 × 1.44	16	N/A
40353	I/-4, 15605	Base. No walls or outer edge preserved. One surface (lower) is covered in parting layer with a small patch of pale greyish green (colourless) glass adhering to it. The other surface, inside the vessel, also has a layer of yellowish slip and two patches of copper vitrified material adhering to it. No layering discernible.	Glass: colourless, N/A	5.71 × 4.76 × 2.09	N/A	N/A
40354	I/-4, 15628	Base. No walls preserved or any outer edges. Parting layer on the inside, yellow slip on the outside. Fits with object nos 40625, 40341, 40357 and 40358. Probably not multi-layered, although possible thin ‘bottle-green glass interface’ discernible below parting layer (uncertain).	N/A	4.28 × 3.6 × 2.6	total: 17	N/A
40355	I/-4, 15628	Base and wall. Rim is not preserved. Wall is 5.95 cm high. Inner surface is covered in parting layer. A small lump of additional parting layer adheres to the inner surface. Two very small glass chips (>0.1 cm) adhere to the inner surface. One section is heavily vitrified. A patch of dark blue glass adheres to the outer base where it meets the vessel wall (the glass is 1.7 × 1.4 cm). Twenty per cent of the diameter is preserved. Multi-layered. Might fit with object nos 40625, 40341, 40354, 40357 and 40358, but unclear. Ancient break is vitrified, clay of this piece is redder than the rest: maybe displaced and re-fired (as fragment) after breaking? Has same shape and may fit remaining gap in reconstructed vessel. Multi-layered reaction pattern: parting layer, ‘bottle-green glass interface’, pink discoloration; buff area not discernible (the pink discoloration is not certain.* <i>pXRF (glass below parting layer): hardly any Sb detected. More Co than Cu.</i>	Glass: dark blue, 653 M? (uncertain)	11.4 × 5.68 × 1.85 (base), 1.64 (wall)	18	N/A
40356	I/-4, 15628	Base and wall (preserved to a height of 4.4 cm from the outer base). Red silt ceramic fabric. Small patch (2.2 × 1.5 cm) of pale greyish blue glass (weathered) adhering to the outer base. Twenty-seven per cent of the diameter preserved. No layering discernible.	Glass: pale blue-grey, 656 M (weathered and mottled)	12.71 × 5.78 × 2.23 (base), 1.30 (wall)	16	N/A
40357	I/-4, 15628	Base and wall (preserved to a height of 7.76 cm from the outer base). Red silt ceramic fabric with lime inclusions. Inner surface is covered in parting layer. Outer edge of wall has a 5.6 cm long drip of pale blue-grey glass. Ten per cent of diameter preserved. Fits with object nos 40625, 40341, 40354 and 40358, altogether c.75% of the diameter is preserved. Probably not multi-layered, although possible thin ‘bottle-green glass interface’ discernible below parting layer discernible.	Glass: pale blue-grey, 7450 M?	8.46 × 5.92 × 2.24 (base), 1.14 (wall)	total: 17	N/A
40358	I/-4, 15628	Base. Walls have not been preserved. Ceramic fabric is very blackened. Parting layer on the inside. Twelve per cent of diameter preserved. Fits with object nos 40625, 40341, 40354 and 40357. Probably not multi-layered, although possible thin ‘bottle-green glass interface’ discernible below parting layer (uncertain).	N/A	7.09 × 6.78 × 2.62	total: 17	N/A
40361	H/-4, 15620	Rim and wall fragment of a ceramic cylindrical vessel. The outer surface, which was originally coated in a pale yellow slip, is partly eroded. The inner surface is covered in parting layer, the top (3.2 cm from the rim) is eroded due to it being bubbly and the top layer of ceramic material having vitrified and collapsed. A dark layer, possibly a vitrified former ‘bottle-green glass interface’, is discernible between the parting layer and the ceramic. Fifteen per cent of the rim diameter is preserved.	N/A	8.75 × 8.18 × 1.4	16 (on the rim)	N/A
40362	H/-4, 15607	Rim. The outer surface, the rim and a small part of the upper inside of the vessel are coated in a heavily weathered coat of blueish vitrification, which has eroded in part just below the rim. The vitrification continues over the rim and slightly into the vessel. Remains of parting layer adhering to the inside. No further layering discernible.	N/A	3.65 × 3.81 × 1.22	20	N/A
40383	H/-4, 15646	Very small fragment with a patch of mid blue glass on one surface. Non-diagnostic. Possibly from a cylindrical vessel (?). <i>pXRF (glass): no Co, elevated Cu, no Sn, no Sb detected.</i>	Glass: mid blue, 285 M	0.71 × 0.7 × 0.27	N/A	N/A
40449	K/-4, 15664	Small, non-diagnostic fragment of a cylindrical vessel. A patch of turquoise blue glass is visible on the outer surface. Parting layer on the inside. No layering discernible. <i>pXRF (glass): elevated Cu, Sn present, no Co, elevated Pb.</i>	Glass: turquoise, 313 M (drop)	2.73 × 1.65 × 1.2	N/A	N/A
40450	K/-4, 15664	Small rim fragment. A drop of dark turquoise glass (0.73 × 0.8 cm) adheres on the outer edge of the rim, on top of the remains of a parting layer on the outside, which extends over the rim and onto the inner surface of the sherd. No layering discernible.	Glass: dark turquoise, 3015 M (drip)	2.23 × 1.49 × 1.03	20–21	N/A

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Diameter (cm)	Height (cm)
40451	J/-4, 15662	Rim and wall fragment. With the exception of the rim, the inner surface is coated in parting layer. About 1.5 cm below the top of the rim, on top of the parting layer, a thick band of dark blue glass covers the inner surface (c.2.6 cm wide). This is broken away below, where an ingot may have been removed from the vessel. The rim of the fragment is slightly vitrified. The ‘bottle-green glass interface’ is visible below the parting layer along all edges of the inner surface, while a pink discoloration is discernible in the ceramic material.* <i>pXRF (glass, inside vessel): sometimes elevated Co, some Cu, slightly elevated Sb.</i>	Glass: dark blue, 2756 M fading to 2726 M	9.2 × 6.22 × 1.17	16	N/A
40452	K/-4, 15664	Probably a base fragment. The lower surface has patches of vitrified material, heavily weathered. The upper surface and broken-off edges are coated in a parting layer. No layering discernible.	N/A	3.11 × 2.88 × 1.35	N/A	N/A
40453	J/-4, 15662	Rim fragment. The rim and outer surface are blackened. The inner surface is slightly vitrified with a tiny area of pale green (0.65 × 0.14 cm). The sherd thins out towards the rim. Similar to object no. 40454, but the two fragments do not fit together. Probably no layering present.	N/A	6.25 × 6.5 × 1.23	14	N/A
40454	J/-4, 15662	Small rim fragment of a ceramic cylindrical vessel. Similar to object no. 40453, but no fit. The inner surface is coated in parting layer. The rim is coated in a thin strip of dark green glass or vitrification. Yellow slip on the outer surface. No layering discernible. <i>pXRF (glassy area on rim): no Co, elevated Cu. No Sb detected.</i>	Glass: dark green, 449 M (vitrification)	2.02 × 3.45 × 1.01	18–19	N/A
40455	J/-4, 15662	Non-diagnostic wall fragment. Dark red-purple on the inside; outside and outer 0.35 cm of break are vitrified with tiny bubbles. Inside of vessel is coated in parting layer, and a faint ‘bottle-green glass interface’ may be discernible.	N/A	4.77 × 1.85 × 1.37	N/A	N/A
40456	K/-4, 15664	Rim fragment. Patches of dark blue vitrification overlap the rim (broken apart since rim is broken): one on each surface (1.44 × 0.8 cm on the inner surface and 0.9 × 0.27 cm on the outer surface). Possible thin ‘bottle-green glass interface’ discernible. Approximately 4% of diameter preserved. <i>pXRF (glass near rim – uncertain whether inside or outside): elevated Co and Cu (ratio 1:2), some Sb, elevated Pb.</i>	Glass: dark blue, 296 M	2.8 × 2.64 × 1.05	18? (damaged)	N/A
40457i	K/-4, 15664	Rim fragment. The outer surface is concave just below the rim. Drip of medium blue glass extends across the rim and slightly down the inner and outer surfaces. No layering discernible. <i>pXRF (glass): elevated Cu, some Sn. No Co and no Sb detected. Elevated Pb.</i>	Glass: light blue, 284 M	5 × 7.4 × 1.5	20	N/A
40457ii	K/-4, 15664	Rim fragment. Fragment is vitrified along the rim (1.13 cm) below the outer rim edge. No layering discernible.	Dark blue (vitrification), 282 M (vitrification)	5.5 × 2.79 × 1.09	20	N/A
40578	J/-4, 15678	Small wall fragment. The outer surface has almost completely eroded. About 33% of the inner surface is covered by an area of dark blue glass (2 × 0.9 cm) where ingot has been chipped off, and it appears as though a parting layer has been reapplied onto this patch of glass. Possible very thin ‘bottle-green glass interface’ discernible.	Glass: dark blue, 2746 M (in break)	3.08 × 2 × 1.45	N/A	N/A
40593	Surface, c.10 m south of central site	Base and outer edge. The wall has entirely broken away, but inner diameter is still discernible. The inner base is coated in parting layer. A small patch of blue glass (0.7 × 0.9 cm) adheres to the inner surface, near the centre of the base. The outer edge and most of the fragment bottom is also covered in a layer of blue, opaque glass (0.1 to 0.7 cm thick) and a layer of lime – possibly remains of oven furniture from ‘Schamotte’(?) (see Aston et al. 2007: 543–548). Possible faint ‘bottle-green glass inter-face’ discernible in break between base and wall, although very uncertain. <i>pXRF: 1) glass below parting layer, under base: elevated Co, some Cu, slightly elevated Sb; 2) bubbly spot of glass inside, on base: slightly elevated Co and Cu, Sb present.</i>	Glass: dark blue, 647 M (weathered)	7.13 × 6.85 × 1.82–2.85	14	N/A
40594	I/-3, 15732	Rim and wall fragment. The inside, rim and part of the exterior (up to 1.75 cm from the rim) of the fragment are covered in a thin layer of dark turquoise glass (approx. 0.1 cm thick), which is weathered on the upper part on the interior of the vessel and forms a lip/rim of glass on the lower portion of the interior wall, where a possible ingot (?) may have been removed. The glass is somewhat bubbly in this area. The glassy matrix contains several rounded quartz grains, which appear smaller and more angular towards the lower part of the interior wall, and which are also discernible across the rim of the fragment (largest: 0.2 × 0.1 cm; smallest: <0.1 cm). A cream-coloured parting layer is discernible below the glass, below which a thin and glassy ‘bottle-green glass interface’ can be discerned, above the ceramic fabric, which appears to have a pink discoloration. About 5% of diameter preserved. <i>pXRF (glassy phase): no Co, elevated Cu, some Sb present.</i>	Glass: dark turquoise, 315 M	4.34 × 4.74 × 1.34–1.57	17	N/A
40595	I/-4, 15693	Non-diagnostic wall fragment. Inside is covered in parting layer with some smaller (max. 0.5 cm), more prominent patches of lime. The outer surface is coated in a thin layer of heavily weathered blue glass/glaze. No layering discernible. Fits with object no. 40610.	Glass: pale blue, 283 M–284 M	4.2 × 2.44 × 1.1	N/A	N/A
40596	K/-4, 15685	Rim and wall fragment. Exterior yellow slip has blackened in parts. A strip of parting layer is visible in a band across the inner surface (1.1 cm wide). The ceramic fabric is blackened along the broken edges. The top of the rim is vitrified. The outer wall curves outward slightly. The parting layer appears bubbly and bulging, below which a possible ‘bottle-green glass interface’ can be found (although this is vitrified and black). The ceramic appears to have an area of pink discoloration.	N/A	5.03 × 4.6 × 1.10–1.24	21–22	N/A
40599i	K/-4, 15664	Non-diagnostic fragment. The ceramic fabric is heavily vitrified along one surface. No layering discernible.	N/A	4.02 × 4.4 × 1.64	N/A	N/A
40599ii	K/-4, 15664	Non-diagnostic fragment. The ceramic fabric is heavily vitrified along one surface. No layering discernible.	N/A	2.79 × 2.68 × 1.6	N/A	N/A
40600	I/-5, 15750	Wall and base fragment. The walls are preserved to a maximum height of 6 cm, measured from the base, very little of which remains. The outer surface is coated in a yellowish slip, which has worn away at the bottom edge. The inner surface is almost entirely coated in a lumpy and uneven parting layer (approx. 0.1 cm thick), preserved in larger patches. Under the parting material, a layer of opaque blue vitrification is visible along the inner edge of the base. A black vitrified layer, possibly a ‘bottle-green glass interface’, is discernible below the parting layer, while a buff discoloration is discernible in the ceramic with no further discoloration.* <i>pXRF (glassy phase below parting layer, base): some Co and Cu present. Sb low or not detected.</i>	Glass: dark blue, 653 M	14.9 × 4.3 × 1.6 (base), 1.33 (wall)	16.5	N/A
40601	I/-5, 15753	Base and wall fragment, heavily eroded. The base is flat, and the outer wall is vertical. The inside (bottom) has entirely broken away. The wall is very thin – perhaps part of the inner wall has broken away. No layering discernible.	N/A	9.02 × 3.8 × 1.68 (base), 0.2–1.3 (wall)	16–18	N/A
40602	H/-4, 15762	Base and wall fragment. Flat base with the remains of the wall. The inner surface is coated in a thin layer (max 0.45 cm thick) of colourless (pale grey to light green) glass, with the original surface intact, although cracked, which is on top of the parting layer. The glass slopes towards the interior base of the vessel. A portion of the glass towards the centre has broken off and weathered. A thin layer of vitrification, possibly a ‘bottle-green glass interface’ runs below the glass and the parting layer and above a highly vitrified ceramic area.*	Glass: colourless, transparent with darker green tint, 450 M–451 M	5.64 × 6.71 × 1.82–2.97 (outer edge)	15	N/A

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Diameter (cm)	Height (cm)
40603	I/-5, 15753	Base and wall. Faint remains of parting layer discernible on the inside. Base appears to be eroded. A triangular section laps up from the base to the wall (from manufacture). One side of the broken base and wall have vitrified, indicating that this sherd entered the fire in a fragmentary state. No layering discernible.	N/A	5.61 × 2.56 × 0.5 (upper wall), 1.74 (base)	c.15	N/A
40604	H/-5, 15757	Very small fragment, probably the rim of a cylindrical vessel. The inner surface is coated with a thin layer (0.024 cm thick) of weathered blue glass, which bulges towards one long side. No layering discernible. <i>pXRF (glass on interior): no Co, elevated Cu, no Sb, elevated Pb.</i>	Glass: pale blue, 292 M–542 M	1.12 × 0.89 × 0.8	N/A	N/A
40606	I/-5, 15753	Base and wall. The remaining wall has a maximum height of 3.65 cm, measured from the base. The underside of the base is slightly concave with a few small lumps of clay stuck to it. The original slip has eroded here and on the outside of the wall. The inner surface is partly covered with a yellow parting layer, with a few small patches of vitrification and a small fragment of pale blue, heavily weathered glass (1.1 × 0.3 cm). The edge of an ancient break is also vitrified, making it possible that the sherd entered a fire when already fragmentary. No layering discernible.	Glass: pale blue, N/A	8.4 × 4.75 × 1.75 (base)	c.14	N/A
40608	K/-4, 15686	Small fragment: wall and base. Somewhat eroded, in particular on the outer face and the base. The inner surface is coated in parting layer. Where the latter is broken away, a layer of vitrification, possibly a light olive-green ‘bottle-green glass interface’, is visible, possibly followed by a buff area in the ceramic.*	N/A	5.03 × 4 × 2.08	14	N/A
40609	K/-4, 15686	Small, non-diagnostic fragment: either a wall fragment of a cylindrical vessel or a reused sherd. Possible layering discernible. The rim is not preserved. A small area of blue glass adheres to the inner surface, indicating that it may have been used as a tool (scraper or marver); alternatively, these are the remains of a blue glass ingot.	N/A	3.71 × 2.21 × 0.9	N/A	N/A
40610	J/-4, 15727	Non-diagnostic fragment. The rim is not preserved. The outer surface is partially coated in a thin layer of weathered blue glass drips. No layering discernible. Fragment fits with object no. 40595. <i>pXRF (thin layer of glass on outer side of vessel): no Co, elevated Cu, Sb present.</i>	Glass: pale blue, 283 M–284 M	4.36 × 2.82 × 1.07	N/A	N/A
40611	I/-4, 15604	Base fragment. The inner surface is coated in parting layer. The outer surface is eroded. Possibly multi-layered.	N/A	6.12 × 4.16 × 2.43	N/A	N/A
40619	K/-4, 15685	Base and part of wall fragment. Heavily fired. Possibly a cylindrical vessel, to the interior of which other ceramic (Nile silt) has fused, protruding slightly beyond the broken edges of the vessel. The fragment as a whole is trapezoid in plan with angular, irregular edges. It is coated in fine gypsum powder, which also partially covers the breaks of the object, making an identification of the fused object impossible. The piece tapers (in width and thickness) towards the broken base, forming a convex downward slope from what appears to be the upper edge of the broken wall of the vessel. What appears to be the base is flat and dark, while the area believed to be the wall bends outwards slightly. Possibly a cylindrical vessel that has broken and been used as a furnace filler or furniture. No layering discernible.	N/A	6.02 × 3.57 × 3.89	13–14?	N/A
40625	I/-4, 15605	Base fragment. The inner surface is coated in parting layer. Fits with object nos 40341, 40354, 40357 and 40358. Probably not multi-layered, although possible thin ‘bottle-green glass interface’ discernible below parting layer (uncertain).	N/A	4.66 × 3.67 × 2.31	total: 17	N/A
40628	L/-4, 15781	Wall fragment. The rim has not been preserved. About 33% of the inner surface is covered in a green-blue, heavily weathered glassy layer that has broken off in parts. No layering discernible.	Glass: dark blue-green, N/A	9.11 × 5.32 × 1.38	N/A	N/A
40629	J/-4, 15679	Part of base and outer edge of a possible cylindrical vessel. The inner surface and walls have entirely broken away. A cream-coloured slip has been applied to the outside of the piece. No layering discernible. Possibly a different type of object, e.g. a stand, since what is considered to be the base is very thick.	N/A	4.3 × 3 × 2.64	16?	N/A
40630	I/-5, 15761	Wall and rim fragment. On the inner surface, the top half of the fragment is covered in a thin layer of weathered (dark) turquoise-green glaze(?), which has broken off on the rim. A drip continues on the outer surface with a few more patches visible on the outside. No layering discernible.	Glass or pigment: dark turquoise-green, N/A	6.8 × 4.97 × 1.61	18	N/A
40631	I/-5, 15753	Base fragment. The walls and outer edge have broken away. Yellow slip on the outer surface, patch of parting layer (0.4 cm thick) on the inner surface. Inner surface heavily vitrified below parting layer. No layering discernible in the fabric.	N/A	8.03 × 5.11 × 2.14	15?	N/A
40632	I/-5, 15750	Rim fragment. A layer (0.4 cm thick) of dark blue glass is visible below the parting layer, which covers the inside of the sherd. Possibly multi-layered. <i>pXRF (blue glass below parting layer): Co present, but elevated Cu and elevated Sb.</i>	Glass: dark blue, 280 M	2.72 × 4 × 1	16–17	N/A
40634	I/-5, 15777	Non-diagnostic, small fragment from an industrial vessel, probably the base of a cylindrical vessel. The flat surface is coated in parting layer with two small drops of turquoise glass. Possible, very thin ‘bottle-green glass interface’ discernible. <i>pXRF (glass drop on base): no Co, elevated Cu, little Sb.</i>	Glass: turquoise, translucent, 313 M	2.18 × 1.32 × 1.2	N/A	N/A
40635	I/-5, 15777	Base, outer edge and wall fragment. The wall is only preserved to a height of 4.3 cm (outer edge). The outer edge is slightly vitrified, one patch being blueish in colour (weathered). Probably no layering discernible.	N/A	5.74 × 4.9 × 1.87	13–14	N/A
40636i–iii	H/-5, 15757	Three matching fragments from the base and outer edge of a vessel: (i) Edge and base fragment – a bubble of pale blue (colourless) glass (heavily weathered) adheres to the base bottom, near the edge. The glass measures 2.45 × 1.77 cm. (ii) Edge and base fragment. (iii) Centre of the vessel base (non-diagnostic). Inner surface covered in parting layer. No layering discernible.	Glass: colourless, 649 M (weathered)	7.75 × 7.15 × 0.95–1.1 (base), 1.6 max.	14 (total)?	N/A
40637	H/-5, 15757	Wall fragment. Thinner at the top than at base. The inner surface is coated with parting layer. No layering discernible.	N/A	7.02 × 6.22 × 1.04–1.45	N/A	N/A
40638	I/-5, 15750	Non-diagnostic wall fragment. Parting layer on the inside. No layering discernible.	N/A	4.24 × 2.87 × 1.54	N/A	N/A
40639	I/-5, 15750	Outer edge of a cylindrical vessel. Only a small part of the base preserved. The wall is 3.25 cm high, measured from the outer edge. Possible very thin ‘bottle-green glass interface’ discernible.	N/A	4.23 × 3.66 × 1.4 (base), 1.5 (wall)	12–13	N/A
40644	I/-5, 15750	Non-diagnostic wall fragment. Fired black. Only the inner surface and two edges are intact; the outer surface has vitrified and turned into a black and white (swirls) glassy mass (possibly slag, max. 1.65 cm thick). The outer surface of the glassy slag appears to be coated in parting layer, which appears to be convex, so possibly indicating the position of another sherd(?). Remains of parting layer (partially eroded) on inner side of the vessel. No further layering discernible. <i>pXRF (black and white glassy mass): some Co, very little Cu, elevated Mn (one reading), slightly elevated Sb.</i>	Glass: black and white, slag, N/A	4.94 × 5.27 × 1.16 (sherd), 2.55 (sherd + glass)	N/A	N/A

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Diameter (cm)	Height (cm)
41670	I/-3, 17503	Base fragment. Flat, slightly rounded on the outside, but irregular – no rim preserved, but inner outline of wall can be discerned. Semi-circle of parting layer is preserved on the inside of the base, which has become foamy in parts, and the parting layer towards the centre of the vessel has broken off. No remains of glass, but ‘bottle-green glass interface’ beneath inside parting layer may be discernible. No impressions or traces of vitrification on base.	Glass: dark blue, possibly opaque, 653 M? (weathered)	7.75 × 4.45 × 2–2.5	N/A	N/A
41671	K/-2, 17577	Base and wall fragment. Diameter can be reconstructed. No traces of parting layer inside, possible faint traces of a ‘bottle-green glass interface’. Possible imprint of other vessel of shelf on base and impression of thumb.	N/A	N/A × 5.1 × 2.1–2.4 (base), 1.4–1.9 (wall)	15	4.4
41672	H/-2, 17506	Base and wall fragment. Heavily vitrified, diameter no longer discernible. Possible remains of parting layer on the inside, but not certain. No glass visible. No further layering discernible. Wall section appears to be blackened. Outside vitrification has caused the outer layer of ceramic material to flake off the walls to the top of the base.	N/A	3.3 × N/A × 1.6 (base), 1.2–1.6 (wall)	14–15	4.1
41673	J/-5, 17515	Wall fragment with beginning of base. Possible remains of parting layer discernible on the inside. No further layering. Outside is heavily vitrified, black and molten. No remains of glass discernible.	N/A	N/A × 4.6 × 1–1.7 (wall)	c.15	5.7
41674	Old spoil heap south of site	Base and wall fragment. Dark red to purple-black. Small flecks of red glass in interface (max. 0.2 cm), also one small patch of copper (0.15 cm) visible on inner surface of vessel. Outer side of wall covered in yellow slip. Base and wall (outside) partially vitrified (hot spot, c.5.5 × 2.5 cm) where the vessel was exposed to the fire or stood against another cylindrical vessel. Approximately 25% of diameter preserved at base. Parting layer inside, has reacted with ceramic layer to form a ‘bottle-green glass interface’: multi-layered reaction pattern present.	Glass: red, N/A	N/A × 10.6 × 1.1–1.3 (base), 1.3–2.2 (wall)	13	2.4–5.5
41675	Old spoil heap south of site	Base fragment. Flat and thick; a large proportion of the bottom is eroded. One part of inner side laps up, indicating the beginning of the vessel wall. Outer and inner diameter cannot be discerned. Possible remains of parting layer visible inside, no glass. No further layering discernible.	N/A	N/A × 10.2 × 3.2 (base, max.)	16–18 (wall abraded)	N/A
41676	L/-2, 17610	Thin fragment, outer side is eroded due to heavy vitrification: original thickness and shape cannot be reconstructed. Only small portion of buff ceramic material left, rest is black and foamy. Small rim of glass remains attached to the ceramic material – this appears to be where the ingot was removed from the vessel. The glass is convex and appears similar to longer sections of glass remains on cylindrical vessels. It is partially red, opaque, partially violet and colourless, translucent. No layering discernible. <i>pXRF (glass): elevated Fe and Cu, no Co, little Sb. Elevated Pb.</i>	Glass: partially red, opaque, partially violet and colourless, translucent, 7435 M / 7485 M	4.4 × 3.4 × 0.35–0.9. glass 0.25 max.	N/A	N/A
41677	J/-5, 17572	Fragment of possible interface between two ceramic (possibly cylindrical) vessels: thick layer of bubbly glass with an opaque appearance and with many inclusions (quartz grains), sandwiched between a layer of ceramic material (probably a potsherd) to which it is clearly fused and another, very thin layer of ceramic material. Both layers of ceramic material are irregular in shape, and the surface is also irregular. The nature of this object is uncertain, but it is likely to be a by-product of glass production. See also object nos 30550 and 30591 from site O45.1 (Nicholson 2007: 199, 200, fig. II.3). No layering discernible. <i>pXRF (layer beneath parting layer, very frothy appearance): low Co, elevated Cu, elevated Sb and Pb.</i>	Glass: turquoise-blue, opaque, 299 M–2995 M–288 M	3.9 max. × 3.6 max. × Total object: 1.6–1.9, thicker ceramic layer: 0.5, thinner ceramic layer: 0.1, glass: 0.3–0.6	N/A	N/A
41682	K/-5, 17516	Rim fragment. Inside is heavily vitrified, partially flaked off. A patch of weathered, pale (possibly originally dark) blue glass is visible towards the rim, on the inside of the vessel. Outside is not vitrified. Possible layering discernible.	Glass: possibly blue, N/A	N/A × 3.6 × 0.5–0.9	Outer: 18–19	3.15
41759	Central City, ‘palace waste heaps’	Large, non-diagnostic wall fragment. Only beginning of base preserved, heavily vitrified in profile. Inside is coated with thick remains of multiple layers of glass (dark blue, possibly translucent) and parting layer. Possibly several usages of the same vessel? Rim of glass ingot visible at top, just below broken rim: this appears to be the top edge of the ingot, which has been chipped out. Base is vitrified on the outside. Possibly multi-layered.	Glass: dark blue, translucent, 654 M (inside, below parting layer)	N/A × 8.5 × 1.7–1.95 (wall), 1.3 (base), glass: 0.1–0.4	c.19	6.7
41764	Old spoil heap south-east of site	Base fragment. Inside surface is eroded, but base preserved, although only c.20% of diameter is preserved. Bases of walls visible. No layering discernible.	N/A	5.7 × 5.85 × 1.6	Outer: 14–15	N/A
41765	Old spoil heap south-east of site	Base fragment. Flat and thick. A large proportion of the bottom is eroded. Possible remains of parting layer visible inside, no glass. One part inside laps up, indicating the beginning of the vessel wall. Outer and inner diameter cannot be discerned. Two small pieces broken off and re-attached without glue. Possibly ‘bottle-green glass interface’ discernible.	N/A	8.2 × 4.4 × 2.5 (base), 2.9 (wall)	18–19	N/A
41766	Old spoil heap south-east of site	Base fragment. Flat and thick (>2.8 cm), and partially eroded. Remains of parting layer (patch: 1.9 × 1.5 cm) and glass (0.7 × 0.15 cm) visible inside. Inner edge laps up, indicating the beginning of the vessel wall. No layering discernible.	Glass: turquoise?, N/A	5.5 × 3.7 × 2.85 (base), 2.7 (wall)	19	N/A
41914	G/-4, 17721	Wall fragment with possible very small portion of base (0.9 × 1.1 cm) where the fragment bulges out. Dark red to purple, with many lime inclusions. Outside is covered in pale yellow slip, partially eroded. Drips of weathered light blue glass visible on the outside, which appear to gather to form a channel near the base. Inner side of sherd has a thick coating of parting layer, to which small droplets of white glass (max. 0.85 × 0.4 cm) adhere. Possible ‘bottle-green glass interface’ is discernible, although very faint. <i>pXRF (drippings on side of vessel): almost no Co, slightly elevated Cu, no Sb.</i>	Glass: white (inside) and light blue? (outside), N/A	N/A × 5.1 × 2	N/A	4.5
41915	G/-5, 17514	Non-diagnostic wall fragment. Thick parting layer on the inside. No glass present. Layering discernible.	N/A	N/A × 4.25 × 2.05	N/A	4.85
41916	H/-5, 17519	Probably a base fragment. Patches of parting layer on the inside, on top of a layer of dark blue, opaque glass (weathered), which is foamy. No layering discernible. <i>pXRF (glass at base, exposed below parting layer): elevated Co and Cu, some Sb present, elevated Pb.</i>	Glass: dark blue, N/A	4.25 × 3.9 × 1.9	N/A	
41919	G/-5, 17698	Very small rim fragment. Coated in green, translucent glass (weathered towards rim). No layering discernible.	Glass: green, translucent, 5773 M–5777 M	N/A × 0.9 × 0.75	N/A	1.15
41920	I/-3 / J/-3, 17715	Wall and base fragment. Finger mark visible on the outside. No vitrification. Vessel interior is coated with a parting layer. A possible ‘bottle-green glass interface’ is discernible. Glass appears bubbly. <i>pXRF (layer beneath parting layer): slightly elevated Co and Cu, Sb present.</i>	Glass: mid to dark blue, opaque, 7455 M	N/A × 7.5 × 1.8–2.4 (base), 1.3–1.6 (wall)	14–15	4.4
41922	G/-5, 17728	Wall fragment with a very short section of rim still intact. Thicker towards the base (not intact). Strip of blue (opaque) glass remaining towards the top where ingot has broken away. Below this is a calcareous layer; above this, the inner surface is vitrified and olive green in colour, above which further remains of blue glass (possible spill-age) was observed. Pale yellow slip on the outside. Possible ‘bottle-green glass interface’ is visible. <i>pXRF (rim of blue glass on interior): elevated Co and Cu, Sb present.</i>	Glass: blue, 647 M; 653 M–654 M	N/A × 3.4 × 1.1	19?	4.7

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Diameter (cm)	Height (cm)
41923	G/-5, 17728	Wall and rim fragment. Inside: possible heavily eroded remains of parting layer. No layering discernible. Remains of pale yellow slip on the outside (otherwise blackened).	N/A	N/A × 3.6 × 1.1	18	4
41997	J/-3 / K/-3, 17668	Large fragment, base and wall. Heavy coating of parting layer on the inside (0.4 cm max. thickness), ‘bottle-green glass interface’ below parting layer is very clear. At 3.3 cm from base: small patch of frothy blue glass (1.6 × 1 cm, weathered) attached, possibly rim from where glass ingot was broken away. Rim of vessel not preserved. The base is heavily eroded except for a patch (1.9 × 2.5 cm) where the original surface is still intact. Outer side of vessel was coated in yellow slip, which is somewhat eroded, but still mostly intact. <i>pXRF (dot of blue glass on interior wall): elevated Co and Cu (Co>Cu), no Sb detected.</i>	Glass: blue, N/A	N/A × 14 × 1.9–2.4 (base), 1.4–2 (wall)	Base: 16–17	7.4
41998	H/-5, 17702	Base fragment. Beginning of walls visible. Neither glass nor parting layer preserved. No layering discernible. Base somewhat eroded.	N/A	8.3 × 6.35 × 2 (base), 1.7 (wall)	Base: 15–16	N/A
42022	H/-5, 17702	Fragment of an industrial vessel (probably not cylindrical). Body sherd, probably towards base. Not overfired or vitrified, ceramic colour retained. Semi-circular patch (0.1–0.15 cm thick) of blue, opaque and heavily weathered glass or pigment (with its original surface) attached to base, which has reacted with calcareous slip (still visible in one corner on the inside). Patch is bubbly and flat and appears to follow a rim that has since disappeared. Outside not coated in slip. <i>pXRF (frit-like layer on base): elevated Co and Cu (1:2), Sb present, slightly elevated Pb. Elevated Mn.</i>	Glass: turquoise-blue, 652 M? (heavily weathered)	3.2 × 2.5 × 1.3	N/A	N/A
42029	G/-5, 17728	Wall and rim fragment. Rectangular shape. Outer wall is coated in weathered, mid to dark turquoise glaze, on top of which one large, light blue (weathered?) drop forms a secondary rim (1.15 cm) and runs down the outer side of the vessel (1 cm long). Above this (along the rim of the vessel), the darker blue-green glaze reoccurs. This continues into the inside of the vessel, where it breaks off after 0.8 cm (again, lighter blue), revealing the calcareous parting layer below. The lower break on the inside has faint remains of the same(?) blue glaze. No layering discernible. <i>pXRF (layer of dark blue on side, also lighter-coloured drippings): elevated Cu, very little Co, some Sn, some Sb present.</i>	Glass: dark turquoise and pale blue, 643 M (pale blue, but weathered), 309 M (dark turquoise, heavily weathered)	N/A × 3.3 × 1.25	19	4.05
42941	Old spoil heap south of site	Non-diagnostic wall fragment. Thicker towards the base. Strip of light-coloured (weathered) glass remaining where ingot has broken away. Thin ‘bottle-green glass interface’ discernible below the parting layer.	Glass: light coloured, N/A	5.5 × 6 × 1.1–1.2	N/A	N/A
43210	Old spoil heap south-east of site	Base and wall fragment. Wall has broken off, but interface between wall and base discernible. Inside is coated in parting layer and dark blue glass (original surface preserved, thickness 0.2–0.3 cm). Glass in area of wall follows the curvature of wall. Thick ‘bottle-green glass interface’ visible. The base appears to be vitrified from c.the centre of the rim towards the centre of the vessel (black and bubbly: 0.1–1.3 cm thickness with a clear interface). The base appears to rest on a layer of lime (with burnt-out chaff), which may have supported the vessel. This may be the fabric ‘Schamotte VIII.o4.o1’ (see Aston et al. 2007: 543–548). <i>pXRF (2019): Bottom, lime-looking part: high Ca and Fe. Black, vitrified phase intermediate to lime and crucible: high Fe and elevated Ca. Crucible fabric: high Fe and elevated Ca. Glass: medium Mn, Fe, low Ni, high Cu, low Zn, medium Pb, trace Sn (very low) and trace Sb. No Co.</i>	Glass: dark blue, 655 M–2767 M (darker)	5.6 × 5.2 × 3.2 max.	N/A	N/A
43211	Surface, area of N49.1	Base and wall fragment. Wall has broken off, but interface between wall and base discernible. Inside is coated in parting layer, no traces of glass remain. Fabric is dark red/purple. Base has diagonal line between red fabric and dark green fabric, which stretches out over the side and which is foamy because it has been affected by heat. Part of the side has finger imprints. ‘Bottle-green glass interface’ is discernible.	N/A	13.2 × 10.2 × 1.7–2.9 (base), 1.7–2.3 (wall)	15–16	Walls: 4.4
43212	Old spoil heap south-east of site	Base and wall fragment. Rim is broken off. Inside is coated in parting layer. No ‘bottle-green glass interface’ visible. Fabric is dark red. No glass discernible. No layering discernible.	N/A	N/A × 7.2 × 1.85–2.4 (base), 1.1–2 (wall)	15	7.1
43213	Old spoil heap south-east of site	Base and wall fragment. Rim is broken off. Inside is coated in parting layer, no traces of glass remain. Fabric is dark red/purple. Base has vitrified slightly (only surface); vitrification has eroded in parts. ‘Bottle-green glass interface’ is discernible.	N/A	N/A × 8.6 × 2.2–2.4 (base), 1.5–2.1 (wall)	15	5.95
43216	J/-4, 15704	Rim and wall fragment. Parting layer on the inside, pale yellow slip on the outside. Remains of a white/grey glass drop on top of the rim. A thin ‘bottle-green glass interface’ discernible. Corner broken off by ceramicist.	N/A	N/A × 2.4–6.7 × 1.1–1.3	19.5	5.7
43217	K/-4, 15686	Rim and wall fragment. Parting layer on the inside, pale yellow slip on the outside. No layering discernible.	N/A	N/A × 5.5 × 1.1–1.3	19.5–20	6
43218	Old spoil heap south-east of site	Base and wall fragment. Rim is broken off. Inside is coated in parting layer, no traces of glass remain. Fabric is dark red/purple. Base and sides have vitrified slightly (only surface, bubbly), vitrification has eroded in parts. Possible ‘bottle-green glass interface’ discernible.	N/A	N/A × 8.5 × 1.4–1.7 (wall)	15	5.9
43219	I/-4, 15799	Rim and wall fragment. Parting layer on the inside, pale yellow slip on the outside. No layering discernible.	N/A	N/A × 6.2 × 1.1–2.6 (wall)	19	7.7
43220	K/-4, 15685	Rim and wall fragment. Only small section of rim (1.6 cm) remains. Parting layer on the inside, pale yellow slip on the outside. No remains of glass and no layering discernible.	N/A	N/A × 4 × 0.9–1.2 (wall)	N/A	4.6
43222	J/-5, 17519	Rim and wall fragment. Blackened on all breaks. Parting layer on the inside, discernible as a bloated, irregular pattern over the original clay surface. No further layering discernible. Both original sides are blackened, and the fragment appears very hard/dense. Therefore, most likely primary use as cylindrical vessel and secondary deposition in the furnace after fracture occurred. No remains of glass discernible.	N/A	N/A × 5.6 × 1–1.2	18.5	4.3
43223	H/-2, 17564	Rim and wall fragment. Remains of parting layer on the inside (lower 1.7 cm), pale yellow slip on the outside. No ‘bottle-green glass interface’ or remains of glass discernible.	N/A	N/A × 3.7 × 0.7–1	15–16	3.7
43225	L/-3, 17512	Rim and wall fragment. Faint remains of parting layer on the inside. Pale yellow slip and flecks of parting layer on the outside. No layering discernible and no glass attached to vessel.	N/A	N/A × 2.7 × 1.1–1.4	17	3.55
43226	I/-2, 17550	Rim and wall fragment. Parting layer on the inside is not discernible, since this part is blackened. Yellow slip on the outside. No layering discernible. Possibly too small to be a cylindrical vessel of standard size/shape?	N/A	N/A × 3.4 × 0.8–1.1	13	2.6

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Diameter (cm)	Height (cm)
43243	Surface, probably from vitrified material in I/-4	Base fragment. Wall has broken away but is discernible. Underside of base is coated in pale yellow slip (parting layer). The break and the inside of the base are heavily vitrified: black, dark green and red (copper presence). The surface inside the vessel is uneven, and the vitrification appears to have run around small, circular objects, forming shallow depressions in the surface. Some of the vitrification runs over the break, making it uncertain whether the entire base has vitrified or only the surface.	N/A	14.8 × 9.2 × base: 2.4 incl. vitrification), 2 w/o vitrification, 2.05 (walls near base)	16	N/A
43250	J/-2 N, 17659	Base and wall fragment. Only lower side of base remains, small section, upper side broken off. Inside of wall is coated in calcareous layer (parting layer) and a faint ‘bottle-green glass interface’ is discernible.	N/A	4.05 × N/A × 1.75–1.4, 1.65 (base); (reconstructable)	18	3.8
43257	J/-2, 17508	Rim fragment, somewhat abraded. Faint remains of parting layer visible on the inside, no remains of slip on the outside. Inside surface near the rim is coated in a strip of pale blue glass (0.6–0.8 cm width), which appears slightly bubbly. Possible thicker remains of parting layer below this glass. Line of glass appears to be broken off. No layering discernible.	Glass: pale blue, 422 M? (weathered)	N/A × 4.5 × 1.1 (wall)	18	2.2
43313	I/-4, 15630	Non-diagnostic wall fragment. Wall thickness tapers to one side, indicating the approach towards the rim. Thick parting layer on the inside. Flecks of mid blue glass spillage on the outside. Possible very thin ‘bottle-green glass interface’ discernible. Fragment is similar (but without a match) to object nos 40595 and 40610.	Glass: pale blue, 283 M–284 M	N/A × 2.55 × 1.1–1.3	N/A	2.55
43314	I/-3, 15694	Non-diagnostic base fragment. Wall has fully broken away but is discernible inside. Underside of base is coated in pale yellow slip. Remains of parting layer discernible on the inside. No layering discernible.	N/A	3.7 × 2.2 × 1–1.5	N/A	N/A
43751	Old spoil heap north of site	Base and wall fragment. Heavily fired. Wheel-made, string marks discernible on base. Thick parting layer on the interior, which has broken away towards the centre. The area of parting layer surrounding its break appears frothy. No glass is preserved on the interior, and no ‘bottle-green glass interface’ is discernible between the ceramic material and the parting layer. Approximately 16% of diameter preserved.	N/A	8.7 × 7.4 × 1.2–1.4 (wall), 1.2–1.9 (base)	14	4

Table 9.4 Vitrified furnace debris, mainly from grid square I/-4. Abbreviations: v.m.=vitrified material; m.b.=mud brick; f.m.b.=fired mud brick; v.s.=vitrified sandstone.

Sample no.	Provenance	Interpretative type	Description	Length/Height × Width × Thickness (cm)
V.1	I/-4, 15604	Lower(?) furnace wall	Large fragment of v.m. with remains of f.m.b. on one side and remains of (eroded) sandstone fragments (angular) on the other side. Irregular oval shape. Orientation is not certain, since most drops of v.m. have weathered and eroded. However, it appears as though the thicker vitrification (where no brick is attached) is towards the base. Occasional inclusions of lime and some green, glassy patches.	H=13.85 × 9.2 × v.m. 2.25–6.4
V.2	I/-4, 15604	Upper furnace wall / dome(?)	Large fragment of v.m. with remains of two f.m.b.s on one side, one larger than the other, mainly eroded, but separation clearly visible. Irregular shape. Heavily vitrified on other side, with direction of vitrification visible through drops (some broken away). Patches of green glassy material, also sand encrustations. Possible varied direction of dripping (v.m.), therefore possibly towards a superstructure or the base?	H=7.7 × 11.2 × v.m. 0.7–1.9
V.3	I/-4, 15604	Base of furnace (?)	Remains of two large and two small angular fragments of sandstone (largest has a length of 6 cm) embedded in turquoise and light blue, shiny glassy material. Almost circular in shape, almost flat base. Some bubbles visible on one side, also some quartz grains. Underside of object has thick encrustation of what is probably sand (T=0.8 cm max.), so possibly the bed of the fire pit, which has been thoroughly heated and turned to glass(?). Some lime inclusions visible on this side.	L=8.5 × 7.7 × Total 0.9–3.6
V.4	I/-4, 15604	Lower(?) furnace wall	Fragment of v.m. with possible remains of f.m.b. (very faint, non-diagnostic, T=1.5 cm) on one side, and smooth vitrification with embedded fragments of angular sandstone on the other side. Probable direction of vitrification discernible through drops (broken off). Vitrification is dark olive green but light green around the surface sandstone inclusion. Bubbles and lime inclusions discernible.	H=10.5 × 7.5 × v.m. between brick and sandstone: 1.4, beyond sandstone: 1.8 total 6.7
V.5	I/-4, 15604	Base of furnace (?)	Remains of one large and two small/medium angular fragments of sandstone (max. length=6.15 cm) embedded in v.m. with light blue/turquoise patches. Underside of object has thick encrustation of what is probably sand (max. T=0.4 cm) so possibly from the bed of the furnace, which has been thoroughly heated and turned to glass. Some lime inclusions visible on top. Also, no direction of vitrification discernible, except where large sandstone fragments visible in v.m.	L=12.2 × 9.5 × Total 1.8–5.7
V.6	I/-4, 15604	Pit lining	Remains of a f.m.b. or clay lining with heavy vitrification in two phases on one side. Original base of brick is preserved. The inner face of the brick was initially coated in one phase of dark red v.m. (reaction with brick). An area of two large drops, which unify towards the centre, can be made out on the upper half of the brick. One side contains the remains of an angular sandstone fragment. Many small bubbles visible throughout matrix.	H=9.7 × 11.9 × brick remains 3.3 max., vitrification below: 1.6, second phase: 1.9–4
V.7	I/-4, 15604	Furnace filling (?)	Remains of two angular fragments of sandstone, embedded in v.m. Both pieces are banded, about half of the larger one (original W=4.5 cm) has broken off, but the impression remains in the vitrification. Direction of flow almost not discernible, although one straight edge with indication preserved (bottom broken off). Top is covered in a thick and friable layer (0.5 cm) of heat-affected sand(?), with a large content of lime and some possible copper inclusions(?), which appear greenish in the matrix.	L=12.9 × 6.4 × 5.5 max.
V.8	I/-4, 15604	Furnace wall / mortar (?)	Remains of what appear to have been a heavily fired and vitrified m.b. (dark purple but heavily weathered, so structure no longer clearly discernible). One end is heavily vitrified and not as thick as a standard m.b., thus possibly mortar? Vitrification appears to have moved away from brick material but not dripped.	L=10.9 × total = 8, brick = 4, v.m. = 4 × 2.6–4
V.9	I/-4, 15604	Dome (?) / shelf (?)	Large, heavy drop of vitrification with remains of a f.m.b. Vitrification extends away from preserved corner of mud brick, drips at a slight angle, although mostly horizontally: perhaps the lower courses of the dome(?) or the beginning of a shelf(?). Top of brick is vitrified, so perhaps window/stoke hole? Some lime inclusions.	L=13.1 × 5.8 × 5.3 (max., including brick)
V.10	I/-4, 15604	Pit lining (?)	Large fragment of v.m. with very little indication of the presence of clay/mud towards the top. Piece is vitrified throughout with a small drop on one side and many small bubbles on the other. Lower surface is almost intact, top broken off (where clay is visible). Both short sides broken off, clay (sacrificial lining?) visible between layers of vitrification. Some lime inclusions.	H=7.7 × 8 max. × 5.3 max., v.m. thin, with drop: 1.2 max., clay: 1.5 max., v.m. back: 3.5 max.
V.11	I/-4, 15604	Pit lining (?) / shelf (?)	Remains of two vitrified m.b.s, the uppermost surface of the top one being preserved as well as the seam between the bricks. Both are fired – the lower one is deep purple, therefore possibly sandstone? The fragment is curved along the upper rim. Vitrification slopes smoothly and gradually, without major drops downwards, towards the concave base. Weathered light grey.	H=5.2 × 8.5 max. × walls: 2.5 max., base: 3 max. v.m. 1.4 max. est. diam.= 55

Sample no.	Provenance	Interpretative type	Description	Length/Height × Width × Thickness (cm)
V.12	I/-4, 15604	Dome (?) / shelf (?)	Large fragment of vitrification with remains of a f.m.b. Vitrification on top of brick surface, corner visible, then drips at a slight angle, although mostly horizontally, perhaps the lower courses of the dome(?) or the beginning of a shelf(?). Perhaps window/stoke hole? Some lime inclusions. Two fragments of angular sandstones on top of vitrification.	L=12.45 × 8.7 × 5.3 (max., including brick), v.m.: 0.5–1.7
V.13	I/-4, 15604	Pit lining, upper furnace wall	Large fragment of vitrified m.b. or clay with the remains of two pieces of clay(?) adhering to the back; seam and some mortar are visible. The upper edge is intact, and it is uncertain whether another brick would have been on top of the uppermost part of this fragment, creating a slight lip. The vitrification slopes gently downwards in at least two phases: one dark purple phase, which is directly on the m.b. (probably the first sacrificial lining), and a darker one, which lies on top of the former and which has broken off in parts. Fragment is weathered. Bubbles and lime inclusions are visible. The striations on the back of the object appear to be at an angle and it is not clear whether the fragment is eroded or more or less intact. Therefore, it is likely that the uppermost ‘brick’ is in fact a lump of clay packing used to line the pit. The remains of a few angular fragments of sandstone adhere to the inner surface and one appears to have become embedded in the base of the uppermost layer of v.m., causing a light green frit or glass to develop. The uppermost fragment of sandstone is 2.1 cm from the lip. Fits with V.61.	H=15.3 × 14.7 × 6.7 (max., including brick). v.m. (lower): 2.1, v.m. (upper): 0.9. diam.=c.50–55
V.14	I/-4, 15604	Pit lining, upper furnace wall	Large fragment of m.b. with a vitrified clay lining. Probably (near) the upper rim of a furnace or fire pit. A heavily fired, irregular portion of clay (or m.b. rubble) adheres to one face. The other face is coated in a thick layer of black vitrification, which slopes gently downwards with many bubbles. A drop has broken off the bottom, where another brick or lump of clay would have been placed. The original top surface of the brick is preserved: flat, with the vitrification extending only about half of the top surface. No traces of further clay lining are visible.	H=10.1 × 13.2 × clay: 4.7 max., v.m.: 2.9 max. estimated diam.= 40
V.15	I/-4, 15604	Pit lining	Two large fragments (f1, f2; originally from two different bags) that fit together. Upper rim of a clay-lined fire pit. Clay lining (or mud rubble) with a thick layer of vitrification. Upper rim is slightly irregular and about 33% is vitrified (c.2.5 cm). Vitrification is very bubbly and slopes downwards into the gap (probably onto a second brick or another layer of clay lining. No lime inclusions discernible. The vitrification appears to go around the corners of the fragment (without a break), making it possible that these are the original sides of this patch of clay lining.	H=f1: 8.2, f2: 8.7 × 20.2 (f1: 12.3, f2: 8.5) × clay: c.6, v.m.: 3.4
V.16	I/-4, 15604	Pit lining	Large fragment of vitrified clay with embedded angular sandstone fragments. Very thick fragment with several phases of vitrification. Fragment of fired (not vitrified) clay adheres to the back, surrounded by small drops of vitrification. One thick layer of vitrification forms the lowermost course (1.7 cm), which is then overlapped by another layer (1.1 cm), which is heavily weathered. A third, thick layer runs down from the top of the slope (2.5 cm max.); contains remains of angular sandstone fragments around which the vitrification appears light green and glassy. Small inclusions of lime. Patch of dark copper-green vitrification on one side.	H=14.2 × 15.3 × 7.4 max.
V.17	I/-4, 15604	Pit lining / shelf (?) / Base (?)	Thick fragment of v.m. with remains of m.b. or clay attached to the back. A small amount of vitrification slopes down the vertical section, towards a larger horizontal part, which has drops of v.m. dripping off it below. The probable top of the horizontal portion is flat and smooth with one raised and bubbly portion to one side (drop). The flat surface appears to be coated in lime, possibly for standing crucibles on(?). Remains of two angular sandstone fragments visible in the tip but not on the flat surface. Some patches of lighter-coloured vitrification visible. Lime inclusion visible in the section.	L=10.2 × 6.5 × side: 4.2, base: 1–5.6
V.18	I/-4, 15604	Pit lining / towards base	Large fragment of v.m. without any remains of clay or m.b. Broken off at the top, but smooth and rounded edge of vitrification/drops towards and on the bottom. Large fragment of sandstone adhering to the back. No sandstone fragments remaining in front part of the object, but some patches of green glassy material visible. Some lime inclusions in the matrix.	H=8.2 × 15.2 × 1.3 (v.m. drop)–8.2 (sandstone)
V.19	I/-4, 15604	Pit lining	Fragment of v.m. with possible remains of f.m.b. (two layers, lower: H=4.5 cm, separated by gap/seam, without remains of mortar) on one side, and smooth vitrification on the other side. Probable direction of vitrification discernible through a large drop on the inside and a series of small drops on the underside. Encrustation of sand towards the top and remains of angular sandstone fragments. Large, inside drop is olive green and a separate phase from the one or two layers of vitrification below. It slopes outwards, away from the possible vertical wall, possibly indicating the base of the furnace/fire pit.	H=12.2 × 8.65 × clay: 1.6–2, lower v.m.: 1.4–2.2, upper v.m.: 1.1–2.2
V.20	I/-4, 15604	Upper furnace wall / shelf (?)	Fragment of v.m. with remains of clay lining or m.b. attached to one side. Possible upper rim of oven pit: flat upper surface with vitrification reaching about half of the visible clay lining. Vitrification slopes gently and gradually downwards but forms a diagonal shelf, which drips downward and ends in rounded edges that also drop down. Large inclusion of lime embedded in the upper surface of the vitrification.	L=7.35 × 6.35 × v.m.: 2–4.1, clay: 2.7
V.21	I/-4, 15604	Sandstone with vitrification	Cluster of the remains of at least six angular fragments of sandstone (largest 3.1 × 4.4 cm), embedded in a light green–turquoise frit and glass matrix. No apparent arrangement. Probable upper side has remains of black v.m., which is very bubbly. Fill of the fire pit.	L=8.2 × 7.5 × 5.4
V.22	I/-4, 15604	Pit lining	Large drop of v.m. hanging off the clay lining of a fire pit. Horizontal orientation of clay object permits a vertical reconstruction of drop movement. Most of the inner surface of the clay lining is clear of heavy vitrification; only a thin, dark red layer (1.1 cm) is discernible. The drop is almost black in colour.	L=drop: 5.9 × drop: 4.6, clay: 6.6 × drop: 2, clay: 4.5
V.23	I/-4, 15604	Pit lining / dome (?)	Large, irregular fragment of v.m. without any remains of clay or m.b. Broken off at the top, partially intact at bottom. Large, broad drops, many bubbles, heavily weathered. Possible slow flow of material, probably also flowed freely – area of vitrification on back without break. One piece of clay probably dropped off onto another – part of the base of object has a flat surface.	H=8.6 max. × 14 × 1.8–4.1
V.24	I/-4, 15604	Sandstone with vitrification	Piece of vitrified clay with the remains of at least six fragments of angular sandstone embedded in vitrification. Most of the sandstone is visible only on one side where something has broken off. The other side is intact with drops of vitrification and one original edge, possibly where the vitrification has sloped off a pile of sandstone fragments inside the furnace. A small area of turquoise, opaque glass adheres to a drop of vitrification. Inclusions of lime present.	H=9.15 × 10.9 × 5.1 max.
V.25	I/-4, 15605	v.s. / furnace filling	Large, angular fragment of v.s. Banded, dark purple. One part broken off but reattached. Vitrification is black and only visible on two sides – one surface and the one short end down which it ran. Some drops visible on a long side. Opposite short side possibly broken off and non-vitrified surface possibly broken off from vitrification (uncertain).	L=9.7 × 7.2 × 2.55–4.2
V.26	I/-4, 15605	Pit lining towards base	Vitrified furnace wall with remains of clay lining on one side. Heavily vitrified on the other side, with remains of at least nine angular fragments of sandstone embedded in the matrix. Vitrification is multi-layered: the first phase is dark purple and directly associated with the clay, and the second phase contains the sandstone fragments and is dark grey. The vitrification forms a large drop towards the top, sloping down, which has in part broken off. This is bubbly and slightly light green in colour. Fits with V.73.	H=11.4 × 8.9 × 9.4 max, clay: 2.75, v.m. 1: 2.3–3.1, v.m. 2: 1–4.6
V.27	I/-4, 15605	Pit lining	Drop of v.m. hanging from an irregularly shaped fragment of clay lining. Drop is slim and more or less vertical, therefore probably from wall of pit. Vitrification is dark purple in colour and directly associated with the clay, which has been fired. One lime inclusion visible.	L=9.1 × clay: 4.7, v.m.: 4.3 × clay: 2.6, v.m.: 1,5
V.28	I/-4, 15605	Pit lining towards base – v.s.	Cluster of the remains of at least six angular fragments of sandstone (largest c.4.2 × 3.5 cm), embedded in a black matrix of v.m. No apparent arrangement. Probably from base of pit: sand encrustations next to this cluster around a thin (0.7 cm) layer of v.m., which spreads out on one side of the sandstone cluster. Vague indication of direction of movement of vitrification, possibly a shallow slope. Sandstone fragments are mostly grey/purple and faintly banded. Underside has convex lump adhering to it (possibly an inclusion in the sand) and some very small bone fragments.	L=10.9 × 9.8 × 5.3 incl. stones. Total H=6.2
V.29	I/-4, 15605	v.s. / furnace filling	Angular fragment of v.s., fairly large. Some portions broken off. Banded and dark purple in colour but weathered on most sides. Glazed white on one surface.	L=6.5 × 6.7 × 1.6–4.6

Sample no.	Provenance	Interpretative type	Description	Length/Height × Width × Thickness (cm)
V.30	I/-4, 15605	v.s. / furnace filling	Angular (almost triangular) fragment of v.s., fairly large. Some portions broken off. Banded and dark red in colour but weathered on most sides. Glazed turquoise (light and dark) on one short side and part of a break. One flat side, not glazed.	L=6.5 × 4.7 × 1.7–3.6
V.31	I/-4, 15605	Base of furnace (?) / wall (?)	Flat, irregularly shaped fragment of v.m. with a thick (c.o.2 cm) encrustation of sand on one flat side and around parts of a short side. Some drops but no clear indication of direction, so maybe also a wall fragment? No associated clay attached to fragment. Top surface is slightly yellow, but this may be weathering.	L=8.9 × 7 × 1.4–2.8
V.32	I/-4, 15605	Pit lining	Fragment of clay lining of furnace/fire pit with some vitrification attached on the inside. Vitrification is dark purple and directly associated with clay. Bubbly but has not dripped greatly. Both original surfaces of clay survive, indicating that this may have been a (fired) m.b. fragment used to line this pit. Lower vitrification has slight lip or rim, showing where the next layer of bricks/clay below would have been located.	L=9 × total = 6.4, clay: 4.8 × 3.4 max.
V.33	I/-4, 15605	Pit lining	Large fragment of v.m. with remains of f.m.b. or clay lining on one side. Seam visible. Vitrification is thick (c.3.3 cm) and contains embedded remains of at least four angular sandstone fragments. Vitrification around these has turned partially turquoise and glassy. Direction of vitrification not obvious.	H=12.9 × 8.1 × 6.7 max.
V.34	I/-4, 15605	v.s. / furnace filling	Cluster of angular and banded sandstone fragments (mainly remains and impressions of these) encased on one side in a layer (0.5–2 cm thick) of v.m. Vitrification is mainly dark olive green and grey and very shiny with one rounded portion on one side, possibly indicating the direction of movement and dripping. This was therefore possibly a vertical, rather than a horizontal, cluster. Vitrification is in light grey patches.	L=11.3 × 6.2 × 4.6 max.
V.35	I/-4, 15605	v.s. / furnace filling	Banded fragment of v.m. with the remains of four angular sandstone fragments: one is in the central portion of vitrification, which is a dark red–black band (1.15 cm max. thickness). The other sandstone fragments adhere to one side (the base?) of the fragment. These are encased in a layer of turquoise glass (0.9 cm max. thickness). The other surface is covered in a light turquoise-grey layer of weathered and bubbly glassy material (0.5–1.25 cm thick). Does not fit with, but very similar to V.42.	L=8.5 × 4.7 × 4.6 max.
V.36	I/-4, 15605	v.s. / furnace filling	Remains of two angular fragments of sandstone, embedded in v.m. The stone fragments are stacked, the remains of the larger one (6.5 × 4.6 cm) are almost fully abraded. The smaller fragment (4.3 × 5.6 cm) is separated from the larger one by a thin layer of black and shiny vitrification. The vitrification around the smaller stone fragment and the layer covering the top of the large fragment are light turquoise to dark green (in the seam area) and glassy.	L=8.1 max. × 5.3 max. × 3.45 max.
V.37	I/-4, 15623	v.s. / furnace filling	Large fragment of banded and angular, mid red sandstone. Intact on two sides, broken and eroded on the other two. Encased in a layer (T=1.15 cm max.) of shiny, green (turquoise over light to dark green) glassy vitrification where not broken. Probably cracked in Antiquity since a band of vitrification can also be discerned along a crack through the object.	L=4.6 × 4.9 × 4.9
V.38	I/-4, 15623	v.s. / furnace filling	Large fragment of banded and angular, mid red sandstone. Broken on all sides except one short side, where it is encased in light turquoise, opaque, slightly bubbly, glassy vitrification. Remains of the vitrification reach up to one surface, where the impression of another (now gone) sandstone fragment can be made out.	L=5.3 × 3.7 × 4.6
V.39	I/-4, 15623	v.s. / furnace filling	Cluster of the remains of three angular fragments of banded sandstone, encased in shiny, glassy vitrification (light turquoise, opaque over light to olive green, sometimes translucent, up to 0.3 cm thick). Vitrification is dark grey where it surrounds one of the sandstone fragments.	L=5.5 max. × 5.4 max. × 5.9 max.
V.40	I/-4, 15623	Pit lining	Fragment of v.m. with remains of clay lining adhering to one side. Large drop of dark red/black v.m., bubbly and directly associated with clay. Drop is folded over the length of the run as if an object had interfered with its course, causing a second, shorter drop, although no indication of this can be made out.	L=8.1 × 6 × 5.3 max., 1.9 lower vitrification, 1.4–2.9 secondary drop
V.41	I/-4, 15623	v.s. / furnace filling	Large fragment of banded, dark red sandstone (8 × 5.8 cm max.) embedded in v.m. (c.4.5 cm thick). V.m. is dark red in colour and bubbly and shows indication of vertical movement, including some small drops, indicating that the stone was possibly arranged vertically. The thick vitrification is on one side of the stone, the other side is poorly preserved and has a patch (4 × 5.3 cm) of black and thin (0.7 cm max. thickness) v.m. attached to it, which is encrusted with sand.	L=9.4 × 6.1 × 6.3 (v.m. with sandstone), 9.1 total
V.42	I/-4, 15623	v.s. / furnace filling	Irregularly shaped fragment of v.m. with the remains of five angular sandstone fragments: one is in the central portion of vitrification, which is a dark red–black band (0.9 cm max. thickness). The other sandstone fragments adhere to one side (possibly the base) of the fragment. These are encased in a layer of turquoise glassy material (T=2 cm max.) with a patch of sand encrustations. The other surface is covered in a light turquoise-grey layer of weathered and bubbly glassy material (2–3 cm thick) and lime inclusions. Does not fit with, but very similar to V.35.	L=9.1 × 6.5 × 7.7
V.43	I/-4, 15623	v.s. / furnace filling	Cluster of at least six angular fragments of banded (dark red-purple) sandstone encased in light green-turquoise (opaque) to dark olive-green glassy vitrification. No apparent arrangement; each fragment is encased individually. No movement of vitrification discernible.	L=7.2 × 4.5 max. × 3.9 max.
V.44	I/-4, 15623	v.s. / furnace filling	Remains of two angular fragments of sandstone, embedded in v.m. Phase of black (T=1 cm max.) vitrification visible, with dark blue (Co coloured?) and dark turquoise (with red inclusions) vitrification immediately surrounding the stone fragments. Possible indication of movement through small drops. Occasional lime inclusions in dark vitrification.	L=7.45 × 4.9 × 2.3 max., H=4.5
V.45	I/-4, 15623	v.s. / furnace filling	Two fragments of rounded (possibly sub-angular), banded, dark red-purple sandstone, embedded in v.m. Most sides broken and eroded, but round side encasing stone fragments is coated in a light turquoise-green to dark green glassy layer of vitrification (0.1 cm). Both fragments are separated by a 0.7 cm thick layer of v.m. No direction of vitrification is discernible.	L=7.3 × 5.6 × 4 max.
V.46	I/-4, 15623	v.s. / furnace filling	Remains of at least six angular fragments of banded dark red sandstone embedded in v.m. Vitrification is bubbly and contains occasional lime inclusions (including one large fragment). It is mainly dark grey-black in colour, but there are also some light grey patches, an area surrounding one sandstone fragment that is light and very bright turquoise and glassy, a patch of olive-green glass and some red areas. No indication of arrangement or movement of v.m.	L=6.95 × 5.3 max. × 4.8
V.47	I/-4, 15623	v.s. / furnace filling	Large and very brittle, roughly oval piece of v.m. with the remains of at least one angular sandstone fragment attached to what appears to be the base of the object. The vitrification, which is grey and dark red in patches, is heavily weathered and appears to contain lime inclusions and, possibly, sand encrustations. The area of vitrification around the sandstone fragment on the underside appears to be light turquoise-grey in colour. The apparent top has broken off; the v.m. is one large drop with a horizontal spread according to a possible flat surface along the drop.	L=12.7 × 5.6 × 4.1 (drop), H=5.4
V.48	I/-4, 15623	v.s. / furnace filling	Remains of at least three angular fragments of banded sandstone embedded in v.m. Vitrification is mainly dark red-black with a patch of light turquoise (opaque) glassy vitrification on one side. Drops are broken off, direction of movement not discernible.	L=4 × 3.8 × 4.3
V.49	I/-4, 15623	v.s. / furnace filling	Irregularly shaped cluster of at least three, possibly four angular fragments of banded dark red sandstone encased in a matrix of v.m. The vitrification is dark grey and dark olive green in colour and varies in thickness between 0.3 and 1.3 cm (est. median: 0.7 cm). Occasional lime inclusions, no indication of movement of vitrification.	L=8.7 × 7.4 × 5.1

Sample no.	Provenance	Interpretative type	Description	Length/Height × Width × Thickness (cm)
V.50	I/-4, 15623	Superstructure / dome (?)	Fragment of v.m. with remains of clay lining or f.m.b. on one side. V.m. is a long and irregular drop with several branches, all appearing to move away from the clay, thus possibly indicating either that this piece is a vertical fragment of a superstructure (such as a dome) or a horizontal movement of vitrification due to an obstacle. The top vitrification is dark grey-red and directly associated with the clay. The lower 66% is still mainly dark grey but with large patches of light grey and deep turquoise glass. The tip of the longest drop contains the impression of an angular sandstone fragment, which may have caused the turquoise colouration. Possible slight curvature at the top (clay).	L=10.3 × 7 max. × 3.2–4.7 (v.m.), 1.3 (top v.m. with clay)
V.51	I/-4, 15641	v.s. / furnace filling	Large fragment of v.m. with faint remains of clay lining adhering to one side and the remains of at least four banded and angular fragments of red sandstone embedded in the matrix (in the lower parts and the side with the clay). Inside vitrification is smooth and shiny, dark olive green with some darker patches. This is probably a separate layer. Patch of light turquoise, glassy material towards the base of the object. Outside vitrification is directly associated with clay and ranges from light turquoise to turquoise-grey. Very bubbly. Direction of movement discernible through some rounded drops.	H=12.5 × 6.5–13.5 × 6.5 max.
V.52	I/-4, 15641	Pit lining towards base – v.s.	Cluster of the remains of at least five angular fragments of banded red sandstone (largest is 6.5 cm in length). Encased in bright turquoise, bubbly, glassy frit. No arrangement of stones or movement of vitrification discernible. One side is encrusted with sand – this is possibly the underside of the object and hence the base of the fire pit(?). Cf. V.65.	L=6.7 × 6.2 × 4 max.
V.53	I/-4, 15641	v.s. / furnace filling	Large, angular fragment of banded red sandstone with the remains of two more angular fragments adhering to one side, all embedded in a thin (0.15 cm) layer of light turquoise v.m. Main fragment is broken, and one side is only faintly glazed with two patches of olive-green glaze. One corner (both sides) of the larger fragment has mid to dark turquoise glass (vitrification) adhering to it, which is translucent and a corner of which has broken off.	L=6.7 max. × 5.1 × 4
V.54	I/-4, 15641	v.s. / furnace filling	Remains and impressions of seven or eight angular fragments of banded sandstone embedded in a matrix of v.m. Two long fragments (5.9 and 10.8 cm in length respectively) are embedded in the outer matrix of the object, while the other, smaller fragments adhere to the top of the vitrification. The latter slopes downwards vertically, indicated by the presence of a drop and a rounded long edge. The surface of the vitrification is dark grey and dull with shiny and bubbly olive-green, glassy patches.	H=5.1–6.9 × 11.6 × 2.4–4.7
V.55	I/-4, 15641	Pit or furnace filling / lining (?)	Thick fragment of v.m. with faint impressions of two sandstone fragments (larger one: 4.7 × 6.1 cm) on one surface. Vitrification is bubbly and rounded on one side and very dense on the other side, possibly indicating movement. Bubbly side contains patches of dark turquoise and red v.m.	L=8.7 × 5.5–8.6 × 3.5 (rounded end)–6.85
V.56	I/-4, 15641	v.s. / furnace filling	Large fragment of banded, orange-red sandstone. Rounded and angular edges. Broken on two sides; other sides are encased in a layer (0.1–0.4 cm thick) of v.m. The rounded, original edge is dark grey and red; where the vitrification directly overlies the sandstone, it turns into light turquoise, opaque frit with glassy, translucent phases. Edges and thin sections are particularly translucent, while the surfaces are generally more dull. Also some dark grey patches on one side.	L=7.8 × 4.85 × 5
V.57	I/-4, 15641	v.s. / furnace filling	Remains of two or three angular fragments of banded dark red-purple sandstone. Individual measurements not clear. All encased in a two-phased layer (c.0.3 cm thick) of light turquoise frit with a thin layer of olive-green, translucent glass on top. Gaps between fragments are also layered; the two-phased vitrification is clearly discernible as it encases each fragment individually. Neither an arrangement nor a movement of vitrification are discernible.	L=7.4 × 6 × 4.5
V.58	I/-4, 15641	v.s. / furnace filling	Corner fragment of an angular chip of banded red sandstone with the remains of another fragment attached to one side through v.m. Vitrification around larger fragment is initially black or dark grey (c.0.3 cm thick) with a thin (0.1 cm) layer of light green-turquoise, shiny vitrification/frit on top. The interface between both sandstone fragments is a layer (0.1–0.9 cm thick) of dark turquoise-green, bubbly and both translucent and opaque glass. No movement of vitrification is discernible.	H=5.6 × 2.8–3 × 3
V.59	I/-4, 15641	v.s. / furnace filling / lining	Thick fragment of v.m. with small remains of clay lining on one side and smooth vitrification containing the remains and impressions of at least four angular fragments of banded sandstone (largest: 4.8 × 3.9 cm). The direction of movement can be made out by the presence of two broken drops of v.m. on the inner surface. There appear to be two phases of vitrification: one directly associated with the clay (only visible in section, dark grey, 1.4 cm thick) and another, thicker layer (3.2 cm), which runs on top, although the distinction is not clear. A possible third layer of dark olive-green vitrification runs on top (see above, drops, c.1.2 cm in thickness). The vitrification encasing the sandstone fragments is dark red-purple. The lowest portion of clay has an irregular patch of dark turquoise, glassy vitrification on one side. The bottom is mostly broken off.	H=12.75 × 12.4 × 3.75 (top)–7.5 (base)
V.60	I/-4, 15641	Pit lining	Fragment of fired clay with extensive vitrification. The vitrification appears to be directly associated with the clay and runs down in large drops, which are weathered, bubbly and contain some patches of light turquoise material, although these are dull in appearance. Both the remains of the brick and the nearest part of vitrification are dark purple in colour.	H=10.8 × 5.3 max. × clay: 2.3, v.m.: 2.8 max.
V.61	I/-4, 15628	v.s. / furnace filling / lining	Very large fragment of vitrified furnace wall. Remains of two f.m.b.s (very friable, upper m.b.: H=7.8–9 cm, although less friable towards lining, inside W=10.5 cm; lower m.b.: H=8.6 cm, eroded towards the base, W=12.3 cm; mortar: T=1.5–2.3 cm) on one side. Heavily vitrified with layer directly associated with clay (T=1.5 cm) and another (T=<1.2 cm) overlapping the former (both are dark purple). Top layer has a bend just above the lower brick, indicating the presence of an obstacle and following the shape of the base. The presence of impressions of large angular sandstone fragments (largest: 6.2 × 6.6 cm, rounded edges) indicates that further such fragments were used to fill the pit below this bend. Movement of vitrification flow is evident by dropping vitrification below this bend. Vitrification is smooth but bubbly with frequent lime inclusions. The surface vitrification is partly light green and has a frit-like as well as some dark green patches. Fits with V.13, which attaches to one of the short sides, providing a larger diameter and an almost complete profile.	H=c.22.5 × 14 max. × 2.3–12.5
V.62	I/-4, 15628	Pit lining / rim	Vitrified furnace/pit wall: remains of fired clay lining (or brick rubble), which has vitrified halfway: this is probably the rim or upper lip of the fire pit. The vitrification overlaps the rim of the lining and goes over approximately half of the clay. The direction of the flow is indicated by drops leading downwards from this lip. The vitrification, which is dark grey-purple, is not very bubbly and contains some lime inclusions. There is also the impression of an angular sandstone fragment towards the area of the lip (4.5 × 1.8 cm), indicating that this pit was filled with sandstone chippings.	H=7.8 max. × 11.5 × 4.1 max. total, clay: 2.7, v.m.: 2.5
V.63	I/-4, 15693	Pit lining / shelf (?) / upper rim/lip (?)	Fragment of clay lining of fire pit with a long and curved fragment of vitrification on the inside. The clay lining follows the curve of the vitrification and adheres to part of its underside: the vitrification runs horizontally with only minor drops at the base. The vitrification is dense with few bubbles on top and some more towards the drop end (away from the clay). The surface of the vitrification is coated in a yellow lime layer, possibly parting layer, indicating that it may have been used as a stand for the cylindrical vessels during glass production or -working(?). Despite some abrasion on the upper part, no impression of these vessels can be identified. Vitrification (0.5–1.7cm thickness, dark grey) is directly associated with the clay. Fits with V.68, which is from another deposit/spit. Possibly the upper rim of the pit since there appears to be a lip at the top?	L=11.1 × 6.3 max. × 2.9 max.
V.64	I/-4, 15693	Pit lining	Fragment of clay lining of fire pit with slightly concave vitrification on the inside. The layer of vitrification is thin (1–1.5 cm) and directly associated with the clay. It is bubbly and the direction of flow is indicated by the presence of some small drops. A broken-up layer of weathered cobalt-blue (dark blue) glass (H=4.1 cm), which is somewhat bubbly, adheres to the inside. Layer appears to have a rim and a base. No remains of sandstone can be found in this area which may indicate the nature of this blue glass.	H=9 × 6.8 max. × 3.1 max.
V.65	I/-4, 15693	Pit lining towards base – v.s.s	Cluster of the remains of at least nine angular fragments of banded red sandstone (largest is 3.4 cm in breadth). Encased in bright turquoise and some darker blue, bubbly, glassy frit. No arrangement of stones or movement of vitrification discernible. Some lime inclusions. One side is encrusted with sand – this is possibly the underside of the object and hence the base of the fire pit(?). Cf. V.52.	L=9.3 × 8.6 × 4.1

Sample no.	Provenance	Interpretative type	Description	Length/Height × Width × Thickness (cm)
V.66	I/-4, 15693	Pit lining towards base – v.s.s	One larger and the remains of one smaller fragment of angular, banded red sandstone. Encased in shiny, bright turquoise vitrification. Object broken in half. No arrangement discernible.	L=5.5 × 3.3 × 2.15
V.67	I/-4, 15762	Pit lining / shelf (?) / upper rim/lip (?)	Fragment of clay lining of fire pit with a long and curved fragment of vitrification on the inside. The clay lining follows the curve of the vitrification and adheres to part of its underside: the vitrification runs horizontally with only minor drops at the base. The vitrification is dense with few bubbles on top and some more towards the drop end (away from the clay, but not as long as V.63). The surface of the vitrification was probably coated in a yellow lime layer, possibly parting layer, indicating that it may have been used as a stand for the cylindrical vessels during glass production or -working(?): this layer is mostly eroded, but still visible towards the lip. Despite some abrasion on the upper part, no impression of these vessels can be identified. Vitrification (1–1.7 cm thickness, dark grey) is directly associated with the clay. Does not fit with V.68, but probably from same oven/part of oven. Possibly the upper rim of the pit since there appears to be a lip at the top?	L=7.2 × 6.2 × 1.7–4
V.68	I/-4, 15607	Pit lining / shelf (?) / upper rim/lip (?)	Fragment of clay lining of fire pit with a long and curved fragment of vitrification on the inside. Broken into two pieces that fit together. The clay lining follows the curve of the vitrification and adheres to part of its underside: the vitrification runs horizontally with only minor drops at the base. The vitrification is dense with few bubbles on top and some more towards the drop end (away from the clay, but not as long as V.63). The surface of the vitrification was probably coated in a layer of yellow lime, possibly the same as the parting layer (Rehren and Merkel 2007), indicating that it may have been used as a stand for the cylindrical vessels during glass production or -working(?): this layer is mostly eroded, but still visible towards the lip. Despite some abrasion in the upper part, no impression of these vessels can be identified. Vitrification (0.65–1.3 cm thickness, dark grey) is directly associated with the clay. Does not fit with V.67, but probably from same oven/part of oven. Fits with V.63. Possibly the upper rim of the pit since there appears to be a lip at the top(?).	L=8.7 × 9.3 × 0.9–4.3
V.69	Surface, c.10 cm south of J/-4	Pit lining / shelf (?) / upper rim/lip (?)	Fragment of clay lining of fire pit with a long and curved fragment of vitrification on the inside. The clay lining follows the curve of the vitrification and adheres to part of its underside: the vitrification runs horizontally with only minor drops at the base. The vitrification is dense with few bubbles on top and some more towards the drop end (away from the clay, but not as long as V.63). The surface of the vitrification was probably coated in a yellow lime layer, possibly parting layer, indicating that it may have been used as a stand for the cylindrical vessels during glass production or -working(?). This layer is still visible towards the lip; there is an irregular, slight rim towards the top end of the rim of the object where a (hypothetical) cylindrical vessel might have been removed. Vitrification (0.7–2.35 cm thickness, dark grey) is directly associated with the clay. Possibly the upper rim of the pit since there appears to be a lip at the top(?).	L=10.8 × 10.4 × 2.5–4.3
V.70	I/-4 / I/-5, 15769	Pit lining	Large fragment of clay lining of fire pit with thick vitrification in two phases: the vitrification is fused with one flat side of the lining/m.b., indicating a starting point of movement and a downward motion with a gentle downward slope – this may even be the top layer of the fire pit. At the top, the vitrification appears to be directly associated with the clay, although this is not clear since the fragment is heavily weathered. The lower vitrification (1.7–2.2 cm thick?) is dark purple-grey and bubbly; the upper phase (1.1–1.6 cm thick) is also bubbly and contains two layers. Both are dark grey in the core and appear to have green and lighter grey patches as well as some lime inclusions.	H=12.6 × 15.2 × clay: 7.2 max, v.m.: 4.1–5.6, total: 8.6
V.71	I/-4, 15778	Pit lining (?) / furnace furniture (?)	Angular, large fragment of dark red sandstone or quartzite with uncertain orientation: two short sides are original, two other short sides have been truncated to form an irregular shape. The top and base surfaces are also original. One corner is vitrified with black/grey vitrification hanging directly off the corner of the stone. The direction is uncertain: while two drops move in one direction, they may also have moved upwards because of a second, adjacent brick and adequate pressure. A layer of light purple-turquoise glass (1–1.6 cm thick, bubbly) adheres to one original short side, which is probably caused by the presence of an adjacent m.b. in the furnace. The possible remains of mortar with another layer of similar vitrification/glassy material can be seen on the same side of the object. This vitrification continues onto the original surface of the brick fragment. The adjacent broken short edge has a drop of light turquoise (albeit heavily weathered) glass adhering to it, which is broken at what appears to have been the top and the drop indicates the direction of its flow. The nature of this drop is uncertain. It can be assumed that the side with the v.m. adhering to it would have been closer to the interior of the oven of which it was part; however, the drop of light-coloured glass adheres to the opposite side of the brick, which is more red in colour and would have been the outside of the oven. Perhaps this was a piece of oven furniture or a brick used in a construction near the oven rather than part of the actual structure.	L=7.5 – 8.7 × 8.3 × 6.7 max.
V.72	I/-4, 15630	v.s. / furnace filling / base?	Two angular, roughly trapezoidal fragments of banded sandstone, with the remains of a third, encased in light turquoise, opaque, glassy material. The latter is shiny in places (0.1 cm thick). The fragments (larger piece: 4.5 × 1.6–3.4 cm, broken on one long side; smaller piece: 3.6 × 0.6–2.35 cm, intact and with a chipped surface) adhere to a base of dark grey vitrification; one rounded edge with rounded drops is still intact. The other edges have broken off. The dark vitrification, which contains occasional lime inclusions, is encrusted with sand on the underside, probably indicating that this is the base of the fire pit.	L=v.m.: 7.8 × v.m.: 6–6.5, sandstone total: 5.5 max. × v.m.: 1–1.4, sandstone: 2.2
V.73	I/-4, 15623	Pit lining towards base	Vitrified furnace wall (extrapolated from the fact that this fragment fits with V.26). Irregular, slightly rounded cluster of the remains of at least four angular fragments of sandstone in the matrix. Vitrification is dark grey-purple. The side of one sandstone fragment is surrounded by turquoise-green vitrification/frit. No movement of flow discernible. Vitrification is bubbly. Fits with V.26.	L=6.7 × 4.6 max. × 5 max.
V.74	L/-4, 15684	Pit lining	Large fragment of v.m. with remains of f.m.b. or clay-lining on one side. The vitrification is thick and two-phased: the first phase (1.7–c.3.5 cm thick) is directly associated with the clay and the second phase (1.4 cm thick with another drop on top: 1.6 cm max. thickness, 3.6 cm long, bubbly) gradually sloping downwards over the first phase. Both phases are dark grey-purple, though the top phase is slightly darker. The remains of a small angular sandstone fragment can be identified at the top of the second phase, while the impression of an angular sandstone fragment (c.4 × 4 cm) can be made out in the lower phase. The vitrification around this fragment is turquoise and glassy.	H=11.3 × 18.9 max. × clay: 2.7, v.m.: 2.5–6 total
V.75	L/-4, 15684	Pit lining / shelf (?)	Large, irregular fragment of v.m. with remains of clay lining or m.b. attached to one side. Possibly from near the upper rim of oven pit: possible rim with vitrification extending over about half of the visible clay lining. Vitrification slopes gently and gradually downwards, but forms an almost horizontal shelf, the underside of which drips downward gently and ends in rounded edges that also drop down. Vitrification is dark grey–olive green in colour and bubbly. There are two phases: one directly associated with the clay (up to 3.3 cm thick and dark purple–grey) and another sloping gently over the top of the former (3.5 cm thick) – it is this one that continues at an almost horizontal angle. The remains of an angular fragment of sandstone can be seen embedded in the matrix of the upper phase of vitrification.	L=10.1 × 14.1 max. × 5.1 max.
V.76	J/-4, 15679	Pit lining	Large, irregularly shaped fragment of v.m. with remains of one m.b. attached to one side. Possible upper rim of oven pit: possible limited remains of a flat surface with vitrification extending over approximately half of the visible clay lining on the top. Vitrification initially slopes downward, but then continues horizontally away from the clay, forming an almost horizontal surface. This surface contains the remains of at least three angular fragments of purple- and red-banded sandstone, perhaps the reason for the shelf(?). However, the lower portions of this layer of vitrification do not drop dramatically, forming rounded drops on the underside. There are two phases of vitrification: one directly associated with the clay (up to 1.5 cm thick and dark purple/grey) and another sloping gently over the top of the former (1.3–2.7 cm thick) – it is this one that continues at an almost horizontal angle.	L=10.5 × c.17.5 × 4.1 max., clay: 6.5 max, v.m.: 4.5 max.
V.77	H/-4, 15620	Pit lining / towards base	Large fragment of v.m. without any remains of clay or m.b. Broken off at the top, smooth and rounded edge of vitrification/drops towards and on the bottom. Large, angular fragment of banded grey sandstone (6.8 × 4.2 × 2.5 cm preserved) adhering to the back, embedded in the matrix. One more sandstone fragment visible in front vitrification, surrounded by light turquoise vitrification, possibly frit (mostly broken away). Some lime inclusions in the matrix. Vitrification is bubbly and appears to have occurred in more than one phase; a series of rounded ends towards the base indicates the vertical direction of flow. Vitrification is mainly black/dark grey but includes dark red parts, possibly of clay.	H=11.3 × 8.9 max. × 3.9–7.75

Table 9.5 Fragments and chips of glass.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40289	H/-4, 15607	Roughly rectangular and flat with tapering edges. Ripples visible on one surface. Colour fades from 296 M to 292 M at the thinnest edge. <i>pXRF: elevated Mn and Cu. Little Sb.</i>	Dark turquoise-blue, largely translucent, 3035 M, fading to 3035 M at thinnest end	0.79 × 0.47 × 0.22	0.05
40290	I/-4, 15628	Irregular triangle in shape with angular edges and a tapering edge. Ripples are visible on both surfaces. Numerous small bubbles in the matrix. <i>pXRF: no Sb detected, some Cu.</i>	Colourless, transparent with pale blue tint, 628 M	2.52 × 1.19 × 0.52	1.5
40291	I/-4, 15605	Irregular shape with angular edges. One surface of chip is covered with parting layer.	Dark blue, opaque, 295 M	0.64 × 0.43 × 0.3	0.09
40292	I/-4, 15630	Tiny. Irregular shape with angular edges. Weathered.	Dark violet-blue, opaque, 646 M	0.4 × 0.3 × 0.23	<0.01
40293i	I/-4, 15605	Oval, flat and slightly iridescent on one side.	Turquoise, translucent, 310 M	0.43 × 0.27 × 0.07	<0.01
40293ii	I/-4, 15605	Heart-shaped and flat.	Turquoise, translucent, 310 M	0.3 × 0.26 × 0.08	<0.01
40294	I/-4, 15628	Irregularly shaped with tapering edges and one rounded edge. One concave surface and one angular surface (3 facets). Ripples visible on the angular surface. Slightly iridescent.	White, opaque, white (no equivalent)	1.02 × 0.89 × 0.3	0.26
40295	H/-4, 15608	Tiny. Two convex surfaces. Two moderate edges and two angular edges. The chip broke into two pieces during handling. Inner fabric is very shiny. Very faint white stripes are visible on the surfaces.	Turquoise, translucent, 299 M	0.5 × 0.59 × 0.28	0.08
40297	H/-4, 15620	Irregular shape with tapering edges and ripples on both main surfaces. A small number of bubbles are visible in the matrix. <i>pXRF: no Sb detected. Elevated Mn and Cu.</i>	Dark turquoise blue-grey, translucent, 296 M	1.1 × 0.7 × 0.23	0.13
40299	I/-4, 15605	Small, long and flat with angular edges. Bulbs of percussion visible on two surfaces.	Turquoise, translucent, 299 M	1.11 × 0.48 × 0.24	0.05
40300i	H/-4, 15620	Tiny. Irregular shape with angular edges.	Dark turquoise, translucent, 308 M	0.47 × 0.41 × 0.15	<0.01
40300ii	H/-4, 15620	Tiny. Irregular shape with angular and rounded edges.	Dark blue, translucent, 7468 M	0.4 × 0.27 × 0.29	<0.01
40300iii	H/-4, 15620	Tiny. Irregular shape. Largely flat with faint ripples.	Dark blue, translucent, 653 M	0.4 × 0.45 × 0.53	<0.01
40300iv	H/-4, 15620	Tiny. Irregular shape with angular edges.	Dark blue, translucent, 654 M	0.43 × 0.25 × 0.23	<0.01
40300v	H/-4, 15620	Tiny. Irregular shape and flat.	Dark blue, translucent, 654 M	0.41 × 0.26 × 0.04	<0.01
40302	I/-4, 15623	Irregular, elongated shape with angular edges. Tapers towards one end, the other edge is rounded and bulbous. At the bulbous end, the glass colour changes to dark blue at the tip of the fragment, where there appears to be some contamination. Faint ripples on all surfaces. Tiny bubbles throughout the matrix. <i>pXRF: no Sb detected, almost no Co. Fe present as well as some Cu.</i>	Colourless, transparent with blue tint and dark blue section, 649 M with 302 M / 303 M on one end	2.21 × 0.92 × 0.78	1.6
40303	H/-4, 15620	Irregular shape with a triangular section and tapering edges. The surfaces are rough, weathered and iridescent.	Dark blue, translucent, 2945 M (weathering)	1.21 × 0.6 × 0.28	0.19
40304	I/-4, 15623	Irregular shape. Angular. Two fracture lines run through the matrix as parallel lines. Weathered.	Turquoise, semi-opaque, 306 M (weathering)	0.72 × 0.6 × 0.37	0.17
40307	H/-4, 15620	Irregular shape with angular edges and a slightly irregular section. Two sides are heavily weathered and have opaque, white coating.	Light green, transparent, 621 M	0.83 × 0.37 × 0.31	0.11
40311	H/-4, 15620	Roughly trapezoidal with a triangular section, one angular and one tapering edge. Surface is weathered green (Pantone 559 M). One spot of red visible where patina has broken away. Bulb of percussion and faint ripples discernible.	Red, opaque, N/A	0.51 × 0.53 × 0.2	0.06
40312	G/-3, 15610	Irregular shape with angular edges. One smooth surface; other surfaces have ripples.	Dark blue, opaque, 2756 M	1.32 × 0.79 × 0.47	0.51
40314	I/-4, 15623	Triangular with angular edges. One side is covered with remains of a parting layer (0.33 cm thick). Possibly a small amount of ceramic material from the crucible adheres to the parting layer. Small bubbles in the matrix.	Dark turquoise, translucent, 308 M	1.01 × 0.97 × 0.14–0.83	0.47
40316	I/-4, 15605	Irregular shape and angular, irregular edges. Two small patches (0.31 and 0.28 cm) of what appears to be vitrified clay are visible on the surface, although these appear to be contained in the matrix. Bubbles visible in the matrix and the surface. Weathered. <i>pXRF: Sb detected, probably from impurities.</i>	Dark blue, translucent, 289 M	0.76 × 0.75 × 0.67	0.34
40317	H/-4, 15620	Roughly rectangular with a triangular section. Two surfaces of triangle are covered in parting layer, from the base and the wall of the cylindrical vessel. The upper surface has a faint bulb of percussion and ripples. Numerous small bubbles in the matrix. <i>pXRF: no Sb detected, very little Co, Cu and some Fe.</i>	Colourless, transparent, N/A	1.8 × 1.11 × 0.54	1.01
40318i	I/-4, 15628	Elongated triangular shape. Ripples on one surface, remains of parting layer on other surface.	Dark blue, translucent, 281 M	1.04 × 0.49 × 0.24	0.16 total
40318ii	I/-4, 15628	Roughly triangular and flat with tapering edges. Parting layer covers one surface.	Dark blue, translucent, 281 M	0.76 × 0.72 × 0.15	0.16 total
40319	I/-4, 15628	Roughly triangular with angular edges. Part of the original surface survives. Many bubbles throughout the matrix.	Dark blue, opaque, 280 M	0.76 × 0.75 × 0.67	0.3
40321	Surface find, none	Roughly triangular shape with one rounded edge. Back is flat and covered in parting layer, front is convex because of bulb of percussion and ripples. Broken edges are angular. Tiny bubbles in matrix. <i>pXRF: no Sb detected. Low in Co, Cu and Mn.</i>	Colourless, transparent with blue tint, 5513 M	1.32 × 1.07 × 0.26	0.35
40322	I/-4, 15628	Irregular shape with angular edges. Outer surface is weathered. Tiny patch of possible parting layer or ceramic material adhering to one edge.	Mid blue, opaque, 285 M	0.54 × 0.22 × 0.19	<0.01
40323	I/-4, 15628	Wedge-shaped: thicker on one end and very thin along the other. Angular edges around the entire chip. Bubbles are visible in the matrix. Semi-circular percussion lines are also visible.	Dark blue, translucent, 288 M, fading to 285 M along its thinnest edge	1.24 × 0.97 × 0.06–0.23	0.29

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40325	G/-3, 15610	Irregular, elongated shape, mostly flat, with an irregular rectangular section. The backside of the chip is coated in parting layer. The upper surface mostly consists of cloudy, mid blue glass with small, whitish blue patches in it. A thin line of translucent, dark blue glass is on top of the cloudy blue matrix.	Dark blue, opaque, 2727 M (cloudy mid blue), 2717 M (small whitish blue patches) and 281 M (dark blue glass on top)	1.5 × 0.49 × 0.27	0.15
40333	I/-4, 15630	Irregular shape with angular edges. Ripples visible on two surfaces. A few bubbles visible on the surface.	Turquoise, semi-opaque, 307 M	0.77 × 0.5 × 0.25	0.09
40372	H/-4, 15646	Roughly triangular with a triangular section and angular edges. One possible original, flat surface with pitting. Other, convex surface has faint ripples. Heavily weathered. Colour of core glass appears light blue when shone through with light. <i>pXRF: no Sb detected. Elevated Cu and Mn. Some Sn.</i>	Light blue, translucent, 653 M (weathering)	2.23 × 0.75 × 0.34	0.5
40375	H/-4, 15646	Two surfaces of the fragment have small bubbles. Two edges are covered in a white, powdery covering, encrusted in the parallel seams.	Dark blue to dark violet/black, translucent, 532 M (in sun, violet M)	1.6 × 0.5 × 0.19	0.12
40375	H/-4, 15646	Long, narrow and flat with two pointed ends. Two moderate edges and one tapered edge. One convex and one concave surface. A small amount of parting layer on one edge. A few tiny bubbles in the matrix.	Dark blue to dark violet, translucent, 532 M (in sun, violet M)	1.62 × 0.5 × 0.18	0.12
40376	H/-4, 15646	Irregular shape with angular edges. Weathered patches and occasional bubbles. <i>pXRF: Sb present. Elevated Cu.</i>	Light turquoise, opaque, 305 M	1.36 × 0.87 × 0.59	0.77
40385	K/-4, 15664	A layer of dark blue, translucent glass adhering to a cream-coloured, grainy layer at its base. The object has an irregular, almost rectangular shape with a rectangular section and angular edges. The original surface of the glass is smooth with some discernible bubbles and cracks on the surface. The base is flat, although slightly irregular and encrusted with what appears to be hardened sand. Uncertain whether this is a portion of glass cullet that dripped into the sand or ‘Schamotte’. Cf. object nos 40683 and 40890.	Dark blue, translucent, 289 M	2.38 × 1.24 × 1.11	4.36
40390	K/-4, 15664	Irregularly shaped, triangular in section. Three angular edges and one tapering edge. Wavy lines in the glass on one surface. Tiny bubbles in the matrix.	Dark violet, translucent, 273 M	1.12 × 0.96 × 0.46	0.33
40392	K/-4, 15664	Irregular triangle, very thin and flat. Two tapering edges and one angular edge. Weathered. A few bubbles are visible in the matrix.	Turquoise, translucent, 312 M	0.69 × 0.58 × 0.11	<0.01
40394	K/-4, 15664	Irregular shape and thickness. One side is flatter and shiny. Reverse surface is dull with patch of parting layer adhering to it.	Dark blue, translucent, 287 M	0.88 × 0.76 × 0.17	0.09
40398	G/-4, 15609	Roughly rectangular in shape with one curved/convex and one slightly concave surface. Parting layer adhering to the two lateral edges that appear to run parallel to one another. Does not appear to be a glass bar but not certain. Same colour as ingot 40344. <i>pXRF: Sb present. Slightly elevated Pb. Co-Cu coloured.</i>	Dark blue, opaque, 2756 M	1.6 × 0.6 × 0.24	0.32
40399	G/-4, 15609	Irregular triangle and thin. The colour changes to darker blue at one edge and it has a patch of parting layer adhering to it. Possibly a chip from the outer edge of a glass ingot.	Dark blue, translucent, 2728 M to 2748 M	0.97 × 0.7 × 0.13	0.07
40401	G/-4, 15609	Irregular shape with both angular and moderate edges. Large and small bubbles (0.12–0.27 cm diam.) throughout the matrix.	Dark blue, translucent, 296 M	0.98 × 0.83 × 0.41	0.29
40402	K/-4, 15664	Tiny. Rectangular and flattish.	Turquoise, translucent, 326 M	0.22 × 0.18 × 0.07	<0.01
40403	H/-4, 15656	Irregular shape, flattish section with visible ripples.	Mid blue, opaque, 285 M	0.48 × 0.35 × 0.1	0.01
40404	H/-4, 15656	Shape of an irregular circle. Flat, with a convex and a concave side. Ripples visible. The fragment is somewhat weathered.	Green, opaque, 556 M	0.64 × 0.65 × 0.11	<0.01
40405	K/-4, 15664	Tiny. Rectangular with angular edges. Tiny patch of parting layer on one edge. A few bubbles in the matrix.	Turquoise, translucent, 3005 M	0.28 × 0.21 × 0.19	<0.01
40407	H/-4, 15656	Faint ripples visible across the surface and a few tiny bubbles.	Dark blue, translucent, 293 M	0.59 × 0.56 × 0.16	<0.01
40408	H/-4, 15657	Roughly rectangular with two angular and two tapering edges. Weathered with bubbles visible on the surface.	Dark blue, pale blue, translucent, 295 M, 292 M (paler, weathered corner)	1.33 × 1.01 × 0.39	0.5
40409	H/-4, 15656	Irregular triangle with angular edges and one tapering edge. Its two main surfaces are weathered dull, and one lateral curved/convex edge has parting layer adhering to it. Two edges are very shiny, possibly more recently broken and less weathered.	Dark blue, translucent, 289 M	1.17 × 1.43 × 0.6	0.78
40412	H/-4, 15656	Tiny. Irregular shape with angular edges. Possibly tiny patch of parting layer on one edge.	Dark blue, translucent, 280 M (weathering)	0.51 × 0.36 × 0.17	<0.01
40413	H/-4, 15646	Irregular shape. The upper surface is smooth and flat – the surface formed when the glass hardened at the bottom of a vessel. The underside is coated in a buff-coloured, thin parting layer. A few tiny bubbles are visible in the upper surface. Possibly a fragment of glass that hardened at the bottom of a vessel after the molten glass was poured out.	Dark greyish blue, opaque, 294 M	1.01 × 0.72 × 0.38	0.43
40415	H/-4, 15656	Roughly triangular with a rectangular section and angular edges. The upper surface is smooth with bubbles visible across it and a concentration of bubbles on one corner. The underside is coated in a thin layer of parting material. Possibly a fragment of glass that hardened at the bottom of a vessel after the molten glass was poured out.	Dark blue, opaque, 295 M	1.05 × 0.78 × 0.46	0.26
40417	H/-4, 15646	Irregular shape. Ripples discernible as well as a tiny section of a possible original (polished?) surface.	Dark blue, opaque, 281 M	0.63 × 0.33 × 0.16	<0.01
40418	H/-4, 15646	Small. Irregular shape with one convex surface. Heavily weathered.	Dark blue, translucent, 287 M	0.54 × 0.37 × 0.19	<0.01
40419	I/-4, 15630	Irregular shape and fairly flat with tapering edges. Ripples visible. One surface has a patch of parting layer adhering to it.	Dark blue, translucent, 294 M	1.01 × 0.7 × 0.12	0.08
40421	H/-4, 15646	Triangular in shape with one slightly convex surface, a rectangular section and both angular and tapered edges. Faint ripples discernible.	Dark red, opaque, 484 M	1 × 0.38 × 0.28	0.1
40422	H/-4, 15646	Irregular shape with moderate edges. Ripples on the surfaces. Bubbles in the matrix.	Dark violet, translucent, 2765 M	1.28 × 0.81 × 0.37	0.46
40423	K/-4, 15664	Roughly square and flat fragment of vitrified, glassy surface. Dark blue glaze on one side only, rough surface. Parting layer on underside.	Dark blue, 281 M	0.94 × 0.86 × 0.08	0.06

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40429	I/-4, 15630	Tiny. Irregular shape with angular edges. Possibly tiny patch of parting layer between two layers of glass.	Dark blue, opaque, 302 M	0.41 × 0.24 × 0.25	<0.01
40430	H/-4, 15646	Almost oval in shape. Flattish with a slightly convex surface with ripples. A thin layer of yellowish brown parting layer covers most of the under-side. <i>pXRF: Sb detected.</i>	Dark blue, semi-opaque, 295 M	0.76 × 0.57 × 0.14	0.09
40431	K/-4, 15664	Trapezoidal shape, flattish. Weathered.	Dark blue, opaque, 294 M	0.41 × 0.34 × 0.13	<0.01
40432	K/-4, 15664	Irregular oval in shape with a convex surface and tapering edges. The upper surface is weathered smooth with a bulb of percussion and ripples. Part of the underside (where not chipped off) is covered in a thin yellowish brown parting layer. <i>pXRF: elevated Cu and Mn, traces of Co, no Sb detected.</i>	Blue, probably translucent (appears semi-opaque), 2767 M (weathering)	1.42 × 2 × 0.4	1.28
40433	K/-4, 15664	Irregular shape and flat. Angular edges.	Mid blue, opaque, 285 M	0.53 × 0.48 × 0.12	<0.01
40434	K/-4, 15664	Angular edges. Irregular shape and overall fairly flat with tapering edges and a convex, chipped surface with ripples. The underside is flat and has a thin patch of yellow parting layer. <i>pXRF: no Sb detected, some Cu, Co and Fe.</i>	Colourless with a light yellowish green tint, transparent, 7485 M	1.56 × 1.52 × 0.27	0.76
40435	K/-4, 15664	Irregular shape with angular edges and pitted surfaces from bubbles.	Dark violet, opaque, 2765 M	0.81 × 0.65 × 0.56	0.38
40436	K/-4, 15664	Irregular shape, tapers down to one sharp edge. The opposite edge of the object consists of a brown layer of material, perhaps ‘Schamotte’ (appears grainy and includes lime). It could also be ceramic material or heavily abraded sandstone. A very thin red line is visible between this layer and the glass. An apparent inclusion (stone or lime) creates a boundary between the glass edge and the possible ‘Schamotte’. A thin band of glass runs below this inclusion. There are tiny bubbles in the matrix. <i>pXRF: little Sb, elevated Cu.</i>	Turquoise with red, translucent, 3005 M and 222 M	1.5 × 0.96 × 1.23	1.04
40437	K/-4, 15664	Tiny. Translucent with a slight green hue. Roughly rectangular in shape with a sloping surface, both angular and tapering edges, and a trapezoidal section. Faint ripples on both surfaces. Tiny bubbles in the matrix.	Light green, transparent, 573 M	0.6 × 0.52 × 0.21	0.09
40438	K/-4, 15664	Long and narrow, triangular in section. Sharp edges. Bubbles are visible in the matrix. Ripples visible on three surfaces. <i>pXRF: no Sb detected, slightly elevated Mn, some Cu.</i>	Dark violet, translucent, 276 M	2.66 × 0.99 × 0.52	1.27
40439	K/-4, 15664	Small. Irregular shape, very thin section. No parting layer.	Dark blue, semi-opaque, 286 M	0.74 × 0.47 × 0.06	<0.01
40441	K/-4, 15664	Irregular overall shape with a slightly convex and smooth upper surface that has tiny bubbles. The edges taper and are thin. The other surface is chipped with an undulating patch of parting layer (1.38 × 1 cm). The chipped surface has ripples. <i>pXRF: little Sb detected. Little Cu and Co. Fe present.</i>	Colourless, transparent, 7527 M	1.76 × 1.52 × 0.44	0.91
40442	K/-4, 15664	Roughly trapezoidal in shape and fairly flat with one smooth surface and another that has been heavily chipped or broken. Parting layer present on one lateral edge. Red, opaque, weathered, light green (Pantone 318 M).	Red, opaque, N/A	0.79 × 0.74 × 0.24	0.17
40443	K/-4, 15664	Small. Flat with angular edges. Bubbles visible on both surfaces. Heavily weathered.	Light turquoise, opaque, 324 M (weathering)	0.55 × 0.59 × 0.11	<0.01
40445	K/-4, 15664	Irregular/oval shape with tapering edges. Bulb of percussion and ripples visible. The surface is smooth but slightly weathered. The underside is coated in a thin brown parting layer.	Dark blue, translucent, 288 M	0.61 × 0.44 × 0.11	<0.01
40447	J/-4, 15662	Trapezoid and flat with three tapering edges and one moderate edge. Small patch of parting layer on one surface. Bulb of percussion on the other surface. Bubbles in the matrix.	Dark violet, translucent, 276 M	1.64 × 0.97 × 0.28	0.36
40478	K/-4, 15664	Tiny. Irregularly shaped with angular edges. Ripples on one surface. Tiny patches of possible parting layer on one surface.	Turquoise, translucent, 313 M	0.47 × 0.35 × 0.17	0.04
40480	surface find, spoil heap S of site, none	Irregular/oval shape and fairly flat. One surface is cloudy/opaque with bubbles across the entire surface. The underside is coated in parting layer. <i>pXRF: Sb detected.</i>	Dark blue, opaque, 2756 M	1.5 × 1.23 × 0.36	0.53
40481	K/-4, 15664	Roughly triangular with tapering edges. Two bulbs of percussion. Tiny bubbles in the matrix.	Turquoise, translucent, 307 M	0.98 × 0.55 × 0.26	0.13
40482	K/-4, 15664	Tiny. Triangular and flat with one convex edge. Bulb of percussion visible on one surface.	Light turquoise, translucent, 297 M	0.4 × 0.26 × 0.04	<0.01
40484	K/-4, 15664	Tiny. Roughly trapezoidal in shape with two almost flat surfaces and angular edges. Tiny bubbles visible in matrix.	Colourless, transparent with light blue tint, 649M	0.53 × 0.4 × 0.12	0.1
40504	K/-4, 15673	Small. Long, narrow and flat, triangular in section. Weathered and iridescent. One surface is covered with a parting layer.	Turquoise, opaque, 297 M (surface) and 312 M (along broken edge)	0.82 × 0.18 × 0.09	<0.01
40508i	J/-4, 15678	Three tiny chips, possibly from the same piece of glass. Long, narrow and slightly flat (rectangular in section). Weathered.	Turquoise, opaque, 325 M (weathering)	0.44 × 0.17 × 0.09	<0.01
40508ii	J/-4, 15678	Three tiny chips, possibly from the same piece of glass. Long, narrow and slightly flat (rectangular in section). Weathered.	Turquoise, opaque, 325 M	0.19 × 0.13 × 0.1	<0.01
40508iii	J/-4, 15678	Three tiny chips, possibly from the same fragment. Roughly rectangular, slightly flattened.	Turquoise, opaque, 325 M	0.36 × 0.21 × 0.1	<0.01
40614	H/-5, 15758	Irregular shape and fairly flat and thin with one edge protruding upwards. The underside is attached to a thin layer of dark, abraded ceramic material (T=c.o.12 cm) with a layer of blackened (vitrified?) material (‘bottle-green glass interface’ (according to Smirniou and Rehren 2016)?, T=c.o.08 cm) between the ceramic, a thin layer (T=0.1 cm) of parting material and the glass. The surface, which has heavy pitting from tiny bubbles, appears to be intact, without any marks from chipping, indicating that this may be the remains of a melted glass ingot inside a cylindrical vessel. Glass was most probably originally red, as visible in small patches where the patina has gone, but is now heavily weathered and appears green. <i>pXRF: little Sb detected. High amounts of Cu, not much Mn or Co, so probably red.</i>	Red (?) / brownish, glass: pale blue (weathering), 2706 M (weathering)	2.14 × 1.55 × 0.3–0.72	1.68

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40648	K/-4, 15686	Elongated oval in shape: one edge is thicker, slightly rounded. Roughly triangular in section with one smooth surface that has numerous small bubbles. This surface may be original. The angular edge connecting this surface to the other, more chipped surface (with ripples), is chipped and slightly curved as if following the inside of a cylindrical vessel. Weathered. <i>pXRF: no Sb detected. Some Cu, Fe and Mn.</i>	Light yellowish brown, translucent, 465 M	2.89 × 0.99 × 0.6	1.29
40649	H/-4, 15762	Broken oval in shape with one rounded, tapering edge and one edge that is angular as it is broken. Of the long edges, one is tapered and one is angular/moderate. The section of the piece is triangular. One surface has radiating ripples that continue downwards. The other surface is also chipped, with a small, flat surface that appears polished and matte (1.02 × 0.33 cm). Faint ripples also across this surface. Tiny bubbles visible in the matrix. Possibly an inlay that has broken during its manufacture(?). <i>pXRF: no Sb detected, slightly elevated Mn and Fe, some Cu (no Sn) and very little Co.</i>	Colourless with a yellowish tint, transparent, 7500 M	1.72 × 1.18 × 0.69	1
40650	H/-5, 15778	Elongated oval and flat with tapering edges. Small bulb of percussion with ripples visible on one surface. Small patch of parting layer on opposite surface and tiny bubbles in the matrix.	Colourless with a light yellowish green tint, transparent, 7485 M	0.96 × 0.53 × 0.15	0.08
40651	H/-4, 15778	Roughly triangular in shape with a curved and slightly rounded edge. Other edges are angular. One surface is more fractured (percussion marks?), the opposite surface is very smooth and polished. The edges are still somewhat sharp. Tiny bubbles in the matrix. Possibly intended as an eyebrow inlay (with background colouring), with the smooth surface towards the front, or the wing of a ‘ <i>bit</i> ’ hieroglyph (bee: Gardiner 1957: L2). <i>pXRF: no Sb detected. Very little Cu and Co, slightly elevated Fe.</i>	Colourless with a yellowish tint, transparent, 7500 M	2.05 × 0.23–0.75 × 0.19–0.77	0.99
40652	K/-4, 15673	Irregular shape and fairly flat with tapering edges. Both surfaces are slightly convex because of a bulb of percussion and ripples. Small patch of parting layer adheres to one edge.	Yellowish green, transparent, 7492 M	1.02 × 0.97 × 0.21	0.18
40654	H/-4, 15656	Almost circular with tapering edges and an angular edge at the bulb of percussion. Parting material covers one entire surface. The other surface is translucent with a bulb of percussion and ripples. Bubbles in the matrix. <i>pXRF: very little Sb, elevated Cu.</i>	Dark blue to turquoise, translucent, 295 M to 313 M	3.17 × 2.77 × 0.09–0.42	4
40655i	J/-4, 15704	Triangular with angular edges. One convex and one concave surface. Parting layer on one edge. Small ripples visible on both surfaces. Translucent, especially at the thinner edge. A few fracture lines on the convex surface. Bubbles in the matrix. <i>pXRF: very little Sb, elevated Cu, possibly also elevated Fe.</i>	Dark turquoise, translucent, 308 M to 313 M	2.44 × 1.71 × 0.5	1.06
40655ii	J/-4, 15704	Irregularly shaped and angular. Parting layer on one edge.	Dark turquoise, translucent, 308 M to 313 M	0.62 × 0.34 × 0.3	0.07
40656	I/-5, 15750	Roughly oval in shape with one convex and one flat surface, and tapering edges. Bulb of percussion and ripples on convex surface. Flat surface is slightly chipped and almost entirely covered in parting layer. Similar to object no. 40654 but smaller.	Dark turquoise, translucent, 3025M to 313M	1.53 × 1.14 × 0.14–0.31	0.61
40657	H/-4, 15656	Chip of glass adhering to a fragment of dark red Nile silt pottery. Possibly from an industrial vessel used in glass working. Convex, so probably from the outer surface of the vessel (drip?). The edges are lighter/greener. Cracked.	Dark turquoise, translucent, 316 M to 320 M	0.81 × 0.74 × 0.4	0.24
40658	J/-4, 15704	Long, irregular shape. Weathered. <i>pXRF: Sb present, elevated Cu.</i>	Dark turquoise, semi-opaque, 299 M–308 M	1.17 × 0.54 × 0.42	0.26
40659	K/-4, 15779	Roughly trapezoidal in shape with tapering edges. One edge is moderate and has a bulb of percussion. The outer surface is slightly rounded, following the impression of the cylindrical vessel in which it was produced (fits the profile of cylindrical vessel object no. 40345). This surface is covered in brown parting layer that is missing in places. The original upper surface is preserved on one edge, from where the bulb of percussion originates, and the inner surface has faint ripples. The fragment is weathered and therefore appears opaque, but it is actually either white or colourless and possibly transparent (only traces of antimony (Sb) detected) by pXRF. Small bubbles are visible on the inner surface: possibly used as opacifying agent? <i>pXRF: elevated Fe, only traces of Sb.</i>	White or colourless, transparent, warm gray 1 M	3.48 (4.14 total fragment, w/o the tilt from the cylindrical vessel) × 3.81 × 0.59	9.52
40660	K/-4, 15674	Irregular in shape with a roughly triangular section and tapering, angular edges. Glass matrix containing many small bubbles, one large (0.28 cm) bubble is on the edge of a break. One edge is coated in parting layer. Heavily weathered and appears white. <i>pXRF: no Sb detected. Slightly elevated Cu, almost no Co.</i>	Colourless, transparent, warm gray 1 M	1.82 × 1.04 × 0.5	0.51
40661	I/-5, 15750	Roughly triangular in shape with angular, sharp edges. One lateral surface is flat and coated in a thin parting layer. Numerous large bubbles (<0.5 cm) are visible on the surface and throughout the matrix. This fragment may represent unfinished glass. <i>pXRF: elevated Ca, Sb present, little Cu.</i>	White, opaque, warm gray 1 M	1.35 × 1.3 × 1.07	0.75
40662	J/-4, 15702	Tiny. Compact and angular. Weathered.	White, opaque, white (no equivalent)	0.42 × 0.39 × 0.3	<0.01
40663	K/-4, 15687	Small. Irregular shape with sharp, largely tapering edges. Large bubbles (c.o.29 cm) in the matrix and on the surface. This fragment may represent unfinished glass.	White, opaque, white (no equivalent)	0.75 × 0.5 × 0.21	0.05
40664	J/-4, 15679	Irregular shape with angular edges where these have broken off and rounded edges where intact. One surface is slightly convex, while the other one is flat. One short glass coil protrudes from one side, indicating that this was a working piece rather than an ingot chip.	Light yellowish brown, translucent, 465 M	0.52 × 0.51 × 0.27	<0.01
40665	J/-4, 15679	Irregular triangle with one round edge. Fairly thin and flat. Glass surface has a slightly granular appearance, probably because of the fine bubbles in the matrix. The back is covered in a granular layer, possibly ceramic or hardened sand. This is ‘crucible glass’: remains of molten glass at base of crucible – this piece is not chipped, and it has ceramic material adhering to it.	Light yellowish brown, 465 M	1.51 × 1.1 × 0.18	0.28
40670	K/-4, 15673	Small and thin. Roughly triangular with a rounded edge. All edges are sharp. Ripples discernible on both surfaces with a faint bulb of percussion on one face. The fragment is weathered white in parts.	Red, opaque, 209 M	1.06 × 0.49 × 0.11	0.03
40671	G/-3, 15610	Large. Irregular, elongated shape with both tapered and moderate edges. Bulb of percussion discernible on one surface, which also has chipping marks and very faint ripples. Other surface is less smooth and has more chipping marks, creating a roughly trapezoidal section. Heavily weathered surface. One edge has a patch of copper-green, discoloured parting layer adhering to it. <i>pXRF: Sb present, very high Cu, little Co.</i>	Red, opaque, 209 M? (weathering)	3.5 × 1.67 × 0.72	3.51
40672	K/-4, 15664	Small. Irregular shape with a triangular section. One small surface has weathered green where a layer of lime (remains of parting layer) is present.	Red, opaque, 202 M	0.61 × 0.58 × 0.51	0.15

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40674	K/-4, 15687	Irregular shape with tapering edges. Fairly flat except for bulb of percussion and ripples. Surface is weathered with an iridescent shine. Back is partly covered in parting layer.	Colourless, transparent with light turquoise tint, 317 M	1.04 × 0.69 × 0.14	0.08
40675	I/-5, 15753	Irregular shape. The glass is heavily weathered and has a very faint pale blue/green tint. Small bubbles are visible in the matrix.	Colourless, transparent with pale blue tint, 290 M	0.89 × 0.78 × 0.43	0.28
40676	K/-4, 15687	Irregular, trapezoid shape with an irregular section. Angular, sharp edges, object tapers slightly towards one edge. Faint ripples on the surface and tiny bubbles in the matrix. <i>pXRF: no Sb detected. Low in Co and Cu.</i>	Colourless, transparent with pale blue tint, 290 M	1.06 × 1.04 × 0.43	0.55
40677	J/-4, 15662	Roughly trapezoidal in shape with angular edges, one (lateral) of which is coated in parting material. The glass is almost clear at one end, changing to turquoise at the other, towards the edge with the parting material. Bubbles visible in the matrix. <i>pXRF: little Sb detected, high in Cu. Low Sn also present.</i>	Colourless, transparent with blue tint and turquoise section, 290 M to 320 M	0.73 × 0.8 × 0.44	0.22
40678	K/-4, 15687	Irregular shape with angular and tapering edges. Faint ripples on the surface. Tiny bubbles visible in matrix. <i>pXRF: no Sb detected. Some Cu and Co present.</i>	Colourless, transparent with light turquoise tint, 317 M	1.06 × 0.87 × 0.34	0.26
40679	I/-4 / I/-5, 15769	Triangular in shape with irregular surfaces. Chipping marks are visible. The surface is heavily weathered to appear pale blue. <i>pXRF: elevated Mn and Cu. Some Sn. Elevated Pb, trace Sb.</i>	Turquoise-blue, translucent, 651M (weathering)	0.97 × 0.76 × 0.33	0.2
40680	K/-4, 15686	Irregular shape, fairly flat with slightly angular and tapering edges. Back surface covered in parting layer. Glass has bubbles of various sizes in the matrix. <i>pXRF: Sb detected. Co coloured.</i>	Blue, opaque, 2718 M	1.46 × 1.21 × 0.26	0.34
40681	J/-4, 15704	Irregular, elongated shape with one flat and one convex surface and tapering edges. Bulb of percussion and faint ripples on convex surface. A few bubbles are visible in the glass matrix. Flat surface is covered in a thin layer of cream-coloured parting material. <i>pXRF: very little Sb detected. Slightly elevated Pb.</i>	Dark blue, translucent, 2748 M	2.07 × 1.17 × 0.44	0.39
40682	I/-5, 15750	Irregular shape with angular edges and a roughly triangular section. Heavily weathered, grey-white (to Pantone 2768 M) except in one location. Faint ripples visible on the surface. <i>pXRF: no Sb detected.</i>	Dark amber / brown, translucent, N/A	2.63 × 1 × 0.87	1.34
40683	H/-5, 15778	Irregular rectangle with a sloping surface and one raised and chipped, angular edge. Heavily weathered surface. Glass has weathered to appear light blue, although is more yellow-brown when shone through with light. Lower surface covered with a grainy (quartz grains) yellow-brown layer (c.0.1 cm thick). Interface with glass not completely even, so probably not crucible glass. Possibly an ingot chip. Glass is translucent/trans-parent and appears colourless in places (where light shines through the weathered surface). Fragment is angular and has been chipped. See also object no. 40890 (and no. 40385). <i>pXRF: little Sb detected. More Cu than Co.</i>	Light brown, translucent, N/A	2.59 × 1.83 × 0.2–0.88	5.06
40684	J/-4, 15678	Triangular with four surfaces. One convex and one concave surface on which ripples are visible. Bubbles in the matrix. One surface is covered in a parting layer. <i>pXRF: no Sb detected. Elevated Mn, some Cu.</i>	Dark violet, translucent, 260 M or 261 M, but uncertain due to weathering	2.08 × 1.14 × 0.8	1.33
40685	K/-4, 15687	Small. Roughly trapezoid with angular edges. Possible trace of parting layer on one edge.	Dark blue, translucent, 280 M	0.5 × 0.43 × 0.23	<0.01
40686	I/-3, 15732	Roughly rectangular with angular and tapering edges. Weathered surface. <i>pXRF: little Sb detected.</i>	Dark blue, semi-opaque, 280 M	0.95 × 0.9 × 0.73	0.54
40687	J/-4, 15662	Chip of dark violet glass. Relatively flat with two straight edges at a 90-degree angle and one convex tapering edge. One surface is covered in a parting layer. The other surface is convex with a bulb of percussion and ripples. <i>pXRF: no Sb detected. High in Mn.</i>	Dark violet, translucent, 5255 M	2.2 × 1.56 × 0.38	1.26
40688	K/-4, 15687	Irregular shape and fairly flat with tapering edges. Slightly convex surface due to bulb of percussion. Ripples radiating across the surface, which is also marked by a small number of tiny bubbles. Back surface covered in a thin yellow layer of parting material. Object appears translucent, but: <i>pXRF: Sb detected, possibly because of parting layer.</i>	Dark blue, semi-opaque?, 282 M	2.06 × 1.28 × 0.38	1.25
40689	H/-5, 15778	Irregular shape with angular edges, four of which are almost perpendicular. One surface slopes diagonally to the perpendicular edges; the corner points extending away from these. One flat edge appears polished, indicating that this piece might derive from a bar of glass rather than from an ingot, although this is uncertain. Weathered to grey-white (282 M) across all surfaces, although original turquoise colour is discernible through light. <i>pXRF: no Sb detected. Elevated Mn and Cu.</i>	Dark turquoise, translucent, N/A	0.86 × 0.75 × 0.59	0.35
40694	I/-4, 15795	Irregular shape. Fairly flat with a rounded edge (along the edge and onto the back) and other tapering edges. Possibly chipped off a glass bar or another working piece. Bulb of percussion and faint ripples discernible. Tiny bubbles in the matrix. Weathered.	Pale green, transparent, 7493 M	1.56 × 0.79 × 0.26	0.26
40721	H/-4, 15782	Roughly trapezoidal shape and a flattish section. Ripples are visible, as are tiny bubbles in the matrix.	Dark blue, translucent, 653 M	0.75 × 0.73 × 0.21	0.07
40722	H/-4, 15782	Small with an irregular, extended shape, a slightly curved edge and a tapering middle, and an irregular profile. Ripples are visible on both surfaces.	Dark blue, opaque, 654 M	0.97 × 0.32 × 0.15	<0.01
40724	H/-4, 15782	Small, roughly oval in shape and flat with ripples on one surface. Parting layer on opposite surface.	Dark blue, translucent, 286M	0.81 × 0.6 × 0.13	0.05
40725	H/-4, 15656	Roughly trapezoidal in shape with angular and tapering edges and an irregular profile. Ripples discernible on one surface. Weathered. <i>pXRF: little Sb detected. Elevated Cu and somewhat elevated Mn. Some Co.</i>	Dark turquoise-blue, translucent, 2945 M	1.17 × 0.62 × 0.35	0.24
40726	H/-5, 15786	Roughly trapezoidal in shape with a flat original surface. Underside is coated in parting layer.	Dark blue, translucent, 2767 M	0.84 × 0.81 × 0.19	0.15
40728	I/-3, 15732	Irregular shape and flat. Ripples on surface, which is iridescent. The other surface has parting layer adhering to it.	Dark blue, translucent, N/A	1.57 × 1.28 × 0.18	0.39
40729	I/-5, 15753	Small. Irregular shape with angular edges. One flat and one convex surface with ripples. Heavily weathered.	Mid blue, translucent, 659 M?	1.03 × 0.5 × 0.27	0.04
40730	I/-5, 15753	Small. Irregular shape with one flattish and one slightly convex and angular, chipped surface. Heavily weathered, grey-white on all but the flat-tish surface. <i>pXRF: no Sb detected. Some Cu, Co, Fe and Mn.</i>	Brown, translucent, 146 M? (weathered)	1.3 × 0.99 × 0.55	0.64
40731	I/-5, 15753	Small. Irregular shape with angular edges. Patches of violet glass visible on one surface. Heavily weathered.	Dark blue, opaque, N/A	0.97 × 0.61 × 0.37	0.22

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40732	J/-4, 15702	Tiny. Irregular shape. Overall thin, slightly curved. Ripples on one surface, cracks on the other surface. Weathered.	Dark blue, opaque, 654 M	0.96 × 0.62 × 0.16	0.09
40733i	J/-4, 15678	Roughly triangular in shape and flat. Original surface contains embedded grains of light-coloured sand, which also appear throughout the glass matrix. One edge, which is probably original, is straight and rough with sand encrustations where the fragment also tapers; all other edges are broken. Possibly lifted from sand – underside is rough and sandy. Occasional small bubbles visible in the matrix. Possibly the glazed and detached surface of a piece of vitrified sandstone?	Dark blue, opaque, 648 M?	1.35 × 0.97 × 0.31	0.37
40733ii	J/-4, 15678	Roughly rectangular in shape and flat. Original surface contains embedded grains of light-coloured sand, which also appear throughout the glass matrix. One edge, which is probably original, is straight and rough with sand encrustations where the fragment also tapers; all other edges are broken. Possibly lifted from sand – underside is rough and sandy. Occasional small bubbles visible in the matrix. Possibly the glazed and detached surface of a piece of vitrified sandstone?	Dark blue, opaque, 648 M?	1.04 × 0.84 × 0.25	0.25
40733iii	J/-4, 15678	Roughly trapezoid in shape and flat. Original surface contains embedded grains of light-coloured sand, which also appear throughout the glass matrix. One edge, which is probably original, is straight and rough with sand encrustations where the fragment also tapers; all other edges are broken. Possibly lifted from sand – underside is rough and sandy. Occasional small bubbles visible in the matrix. Possibly the glazed and detached surface of a piece of vitrified sandstone?	Dark blue, opaque, 648 M?	0.85 × 0.88 × 0.24	0.19
40734	J/-4, 15662	Small. Irregular shape. Slightly curved with one convex surface and chipped edges. <i>pXRF: some Sb detected. More Cu than Co.</i>	Dark blue, translucent, 294 M?	1.35 × 0.46 × 0.21	0.17
40735	K/-4, 15664	Small. Irregular shape and fairly flat with tapering edges. One surface is slightly convex with ripples. The other surface is almost entirely flat with only faint ripples. <i>pXRF: Sb detected. More Cu than Co.</i>	Dark blue, semi-opaque, 286 M	1.32 × 0.95 × 0.19	0.1
40736	K/-4, 15673	Small. Irregular/triangular shape with tapering edges. Bulb of percussion and faint ripples visible on one surface. Remains of parting layer adhere to the opposite surface.	Dark blue, opaque, 534 M	0.93 × 0.5 × 0.17	0.08
40737	K/-4, 15674	Irregular shape and almost flat with tapering edges. Ripples on both surfaces. Tiny bubbles in the matrix. <i>pXRF: Sb detected. More Cu than Co.</i>	Dark blue, semi-opaque, 2756 M	0.93 × 1.43 × 0.23	0.26
40738	K/-4, 15687	Small. Roughly triangular with angular edges. Two strips of parting layer on either side of a raised section of glass on one side. Mixed grey-blue matrix. Tiny bubbles in the matrix.	Blue, translucent, N/A	1.3 × 0.95 × 0.35	0.39
40739	K/-4, 15686	Roughly trapezoidal with angular and tapering edges. Lateral curved edge with possible original profile of cylindrical vessel on one side, although no parting layer present. Heavily weathered, probably brown in colour, although difficult to determine. <i>pXRF: no Sb detected. More Cu than Co.</i>	Brown, weathered, probably translucent, N/A	0.86 × 0.85 × 0.56	0.34
40740	K/-4, 15687	Irregular trapezoid shape and flat. Surface is flaked and weathered iridescent. Underside is coated in thick parting layer.	Dark blue, opaque, N/A	1.38 × 1.01 × 0.28	0.34
40741	K/-4, 15664	Triangular with one tapering edge and two angular edges. Heavily weathered. Bubbles on the surface.	Dark turquoise, translucent, N/A	1.02 × 0.86 × 0.39	0.3
40742	K/-4, 15687	Irregular shape, flat with angular edges and one original surface. Remains of parting layer on underside.	Dark violet, translucent, N/A	0.8 × 0.65 × 0.15	0.13
40743	G/-4, 15667	Tiny. Irregular, elongated shape with angular edges. Heavily weathered.	Dark blue, opaque, N/A	0.47 × 0.18 × 0.12	<0.01
40744	H/-4, 15762	Tiny. Roughly trapezoid and flat. Remains of parting layer on one surface. Ripples visible.	Dark blue, translucent, 655 M	0.52 × 0.44 × 0.1	<0.01
40746	I/-3, 15694	Small. Elongated oval with a triangular section and tapering edges. Heavily weathered. <i>pXRF: some Sb, but probably because of weathering. High Cu.</i>	Dark turquoise, translucent, N/A	0.94 × 0.36 × 0.29	0.05
40748	I/-5, 15753	Small. Irregularly shaped and flat with tapering edges and one moderate edge. Heavily weathered, somewhat bubbly in appearance. <i>pXRF: very little Sb, elevated Cu.</i>	Turquoise, translucent, N/A	0.76 × 0.61 × 0.17	0.09
40749	J/-4, 15710	Tiny. Irregular shape with angular edges.	Blue, translucent, 2718 M?	0.54 × 0.24 × 0.19	<0.01
40750	J/-4, 15710	Small. Roughly trapezoidal with both rounded and angular edges. Fragment is heavily weathered with bubbles throughout the matrix.	Dark blue, opaque (?), N/A	0.62 × 0.47 × 0.4	0.12
40751i	J/-4, 15702	Very small. Trapezoidal shape and flat with patch of parting layer on underside.	Dark blue, translucent, N/A	0.47 × 0.38 × 0.1	<0.01
40751ii	J/-4, 15702	Small. Irregular shape and flat.	Light turquoise, translucent, N/A	0.5 × 0.21 × 0.05	<0.01
40751iii	J/-4, 15702	Small. Roughly trapezoid and flat. Weathered.	Turquoise, translucent, N/A	0.46 × 0.28 × 0.07	<0.01
40751iv	J/-4, 15702	Small. Roughly triangular with a triangular section. Weathered.	Dark blue, translucent, N/A	0.36 × 0.29 × 0.22	<0.01
40751v	J/-4, 15702	Tiny with rounded edges.	Dark blue, translucent, N/A	0.15 × 0.1 × 0.1	<0.01
40752	J/-4, 15679	Tiny. Overall elongated shape with a triangular section and tapering edges. Weathered.	Dark violet-blue, translucent, 646 M	0.55 × 0.19 × 0.12	<0.01
40753	J/-4, 15679	Tiny. Rounded shape with one protruding, angular edge. Possible patch of parting layer or ceramic material in one location.	Colourless, transparent, with light green tinge, 622 M	0.35 × 0.25 × 0.19	<0.01
40754	J/-4, 15679	Tiny glass chip. Triangular shape with one convex surface and a triangular section with angular edges. Ripples on the surface.	Dark blue, translucent, 654 M	0.46 × 0.32 × 0.21	<0.01
40756i	J/-4, 15679	Tiny. Irregular shape and fairly flat with tapering edges. Small portion of parting layer on one surface. <i>pXRF: Sb detected. Co-Cu coloured.</i>	Dark blue, opaque, 653 M	0.88 × 0.57 × 0.18	0.07
40756ii	J/-4, 15679	Tiny. Irregular shape with angular and moderate edges. Small bubbles visible in the matrix.	Dark blue, opaque, 653 M	0.62 × 0.47 × 0.24	0.07
40756iii	J/-4, 15679	Tiny with one flat surface and tapering edges.	Dark blue, opaque, 2767 M	0.43 × 0.35 × 0.19	<0.01
40757	J/-4, 15704	Small. Broken into two pieces. Irregular shape and flat with remains of parting layer on one side.	Dark blue, opaque, N/A	0.8 × 0.65 × 0.1	0.06
40758	K/-4, 15673	Tiny. Irregular shape with angular edges. Small patch of parting layer on one surface.	Dark blue, translucent, 295 M?	0.43 × 0.41 × 0.28	0.07

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40759	K/-4, 15673	Tiny. Irregular shape with angular edges. Heavily weathered.	Dark blue, opaque, N/A	0.32 × 0.22 × 0.3	<0.01
40760	K/-4, 15687	Tiny. Irregular shape and flat with tapering edges. Bubbles in the matrix and parting layer adhering to one surface.	Dark blue, translucent, 654 M	0.52 × 0.42 × 0.1	<0.01
40761	K/-4, 15673	Tiny. Roughly triangular in shape with angular edges.	Dark blue, translucent, 661 M?	0.56 × 0.29 × 0.24	<0.01
40762	K/-4, 15673	Tiny. Roughly triangular in shape with angular edges. Bubbles in the matrix. Heavily weathered.	Dark blue, opaque, 654 M?	0.54 × 0.52 × 0.38	0.05
40763	K/-4, 15687	Small. Roughly oval and flat. Ripples on one surface, remains of parting layer on the other. <i>pXRF: some Sb detected. Co-Cu coloured.</i>	Dark blue, translucent, 654 M	0.64 × 0.56 × 0.12	<0.01
40764	K/-4, 15687	Tiny. Roughly triangular with moderate edges. Heavily weathered.	Blue, opaque, 2718 M	0.5 × 0.37 × 0.21	<0.01
40765	K/-4, 15674	Very small. Irregular shape with a rectangular section. Upper surface appears grainy or bubbly. The underside is coated in a light brown substance, which may be parting layer or sand. This could be spillage.	Dark blue, opaque, N/A	0.58 × 0.38 × 0.27	0.04
40766	K/-4, 15669	Tiny. Roughly triangular with tapering edges. Ripples on both surfaces. <i>pXRF: Sb detected. More Cu than Co.</i>	Dark blue, opaque, 654 M	0.53 × 0.46 × 0.13	<0.01
40767	K/-4, 15687	Small. Roughly triangular with tapering edges. Underside is coated in parting layer. <i>pXRF: Sb present. Co and Cu almost equal.</i>	Dark blue, opaque, 2756 M	0.99 × 0.47 × 0.19	0.07
40768	K/-4, 15674	Small. Elongated triangle in shape with angular edges and a triangular section. Upper surface is weathered. Underside is coated in parting layer.	Dark blue, translucent, 7463 M	0.93 × 0.26 × 0.2	<0.01
40769	K/-4 / L/-4, 15689	Tiny. Irregular shape with angular and moderate edges. Somewhat weathered.	Dark blue, translucent, 293 M	0.58 × 0.39 × 0.19	0.03
40771	G/-3, 15658	Small. Irregular, elongated shape with a triangular section and tapering edges. Tiny bubbles in the matrix. Heavily weathered.	Dark blue, translucent, N/A	1.07 × 0.37 × 0.21	0.07
40772	G/-4, 15667	Tiny. Long rectangle in plan, flattish in section.	Mid blue, translucent, 659 M?	0.46 × 0.13 × 0.07	<0.01
40775	H/-4, 15656	Tiny. Irregular shape with angular edges. One flat and one convex surface. Small bubbles in the matrix. Heavily weathered.	Dark blue, translucent, 294 M	0.71 × 0.45 × 0.35	0.1
40776	H/-4, 15762	Irregular shape with tapering edges. Roughly triangular section, thicker towards one edge. Bubbles throughout the matrix. One surface is coated in parting layer. <i>pXRF: Sb detected. Co-Cu coloured.</i>	Mid blue, opaque, 7455 M	1.31 × 0.86 × 0.33	0.29
40778	I/-4, 15630	Tiny. Irregular shape with angular edges. Parting layer on one edge.	Dark blue, opaque, 654 M	0.62 × 0.36 × 0.28	<0.01
40779	I/-4, 15630	Tiny. Irregular shape with angular edges.	Mid blue, translucent, 659 M	0.24 × 0.22 × 0.13	<0.01
40780	J/-4, 15679	Tiny. Irregular shape, fairly flat but with an irregular, angular surface. The opposite surface is coated in parting layer.	Mid blue, opaque, 285 M?	0.49 × 0.45 × 0.15	<0.01
40781	J/-4, 15678	Tiny. Roughly triangular with tapering edges and a convex surface with remains of parting layer. Ripples visible. Heavily weathered.	Dark blue, opaque, 653 M	0.71 × 0.44 × 0.19	0.03
40782	J/-4, 15678	Small. Long, narrow and bent with angular edges. Weathered and iridescent with bubbles on the surface. Remains of parting layer visible on one surface.	Turquoise, opaque, N/A	0.95 × 0.32 × 0.21	0.03
40783	K/-4, 15664	Tiny. Irregular shape with angular edges. Flat/slightly concave surface with tiny bubbles. Underside is coated in grainy material, which adheres to it, probably sand. Towards the base, the glass is a discoloured turquoise-green. Possible spillage?	Dark blue, translucent, 2757 M?	0.62 × 0.48 × 0.42	0.09
40784	K/-4, 15685	Small. Irregular shape (roughly cuboid with irregular edges) and angular edges. Heavily weathered. Small bubbles throughout the matrix. <i>pXRF: some Sb detected. More Co than Cu.</i>	Dark blue, opaque, 653 M (weathering)	0.53 × 0.5 × 0.52	0.16
40785	K/-4, 15664	Tiny. Irregular shape and fairly thin with one slightly curved, smooth surface.	Dark blue, translucent, N/A	0.38 × 0.36 × 0.08	<0.01
40786	K/-4, 15673	Tiny. Irregular shape with one convex, smooth surface and one chipped surface. Weathered.	Dark violet-blue, translucent, 645 M?	0.4 × 0.28 × 0.12	<0.01
40787	K/-4, 15673	Tiny. Irregular shape with ripples on both surfaces. Tapering edges, very thin. <i>pXRF: some Sb, elevated Cu and Mn.</i>	Mid blue, translucent, 279 M?	0.53 × 0.5 × 0.1	<0.01
40788	K/-4, 15673	Tiny glass chip. Irregular shape with angular edges. Breaks reveal large bubbles in the matrix.	Dark blue, opaque, 647 M	0.67 × 0.33 × 0.25	<0.01
40790	K/-4, 15687	Tiny. Irregular shape, roughly triangular in section. Ripples on one surface, remains of parting layer on the other surface.	Dark blue, opaque, 2728 M	0.71 × 0.4 × 0.18	<0.01
40791	K/-4, 15687	Small. Roughly trapezoidal shape. Fairly flat with ripples on one surface. Small rim of parting layer. <i>pXRF: little Sb detected. More Cu than Co, slightly elevated Mn.</i>	Dark blue, translucent, 660 M?	0.66 × 0.5 × 0.12	<0.01
40792	K/-4, 15674	Tiny. Irregular shape with two almost flat surfaces on which ripples are visible. Weathered.	Light green, translucent, N/A	0.79 × 0.27 × 0.1	0.06
40793i	K/-4, 15673	Small. Irregular shape and fairly flat. Ripples on one surface. <i>pXRF: some Sb detected. Co-Cu coloured.</i>	Blue, translucent, 2718 M?	0.78 × 0.47 × 0.11	<0.01
40793ii	K/-4, 15673	Tiny. Elongated oval in shape with tapering edges.	Blue, translucent, 2718 M?	0.51 × 0.22 × 0.05	<0.01
40794	K/-4, 15673	Tiny. Irregular shape, largely flat with tapering edges. Heavily weathered. <i>pXRF: no Sb detected. Elevated Cu and Mn.</i>	Turquoise, translucent, N/A	0.62 × 0.59 × 0.16	<0.01
40795	K/-4 / L/-4, 15689	Tiny. Irregular shape with angular edges.	Dark blue, translucent, 653 M	0.33 × 0.23 × 0.19	<0.01
40796	H/-5, 15758	Tiny. Irregular shape with one rounded edge.	Turquoise, translucent, 311 M	0.31 × 0.17 × 0.16	<0.01
40797	I/-5, 15753	Small. Three angular edges and one tapering edge. Flat with one convex and one concave surface – bulb of percussion is visible on the convex surface. Weathered with small bubbles on the surface. <i>pXRF: Sb present. Elevated Cu, no Co. Some Mn.</i>	Light turquoise, opaque, 636 M? (weathered)	1.01 × 0.57 × 0.15	0.1
40798	J/-4, 15629	Small. Irregular shape. Weathered with large bubbles on the surface.	Light turquoise, opaque, N/A	0.56 × 0.35 × 0.3	<0.01

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40799	J/-4, 15727	Roughly triangular. Overall flat with ripples and tiny bubbles. No parting layer. <i>pXRF: little Sb, elevated Cu, some Mn.</i>	Turquoise, translucent, 312–313 M	1.3 × 0.72 × 0.22	0.15
40800	K/-4, 15673	Roughly triangular and flat with two tapering edges and one angular edge. One surface is convex, the other is concave: bulb of percussion and ripples visible on both surfaces. A few bubbles in the matrix. Weathered. <i>pXRF: some Sb present. Elevated Cu.</i>	Dark turquoise, semi-opaque, 3015 M?	1.79 × 1.1 × 0.36	0.51
40801	G/-3, 15650	Small. Triangular with curved main surfaces. Two angular edges and one tapering edge. Bubbles visible in the matrix with one large bubble on the surface.	Turquoise, opaque, 2915 M	0.86 × 0.45 × 2	0.04
40803	H/-4, 15657	Tiny. Irregular shape with tapering edges.	Turquoise, translucent, 631 M?	0.52 × 0.3 × 0.11	<0.01
40804	H/-5, 15778	Small. Triangular with two angular edges and one moderate edge. Heavily weathered with bubbles on the surface.	Turquoise, opaque, N/A	0.71 × 0.43 × 0.26	0.07
40805	I/-3, 15694	Tiny. Round and flat with tapering edges. Ripples visible on both surfaces. Tiny patch of parting layer. Weathered.	Turquoise, translucent, 312 M?	0.57 × 0.49 × 0.06	<0.01
40806	I/-4, 15755	Tiny. Irregular shape, angular edges and rectangular in section. Two grooves run parallel to each other on one surface.	Turquoise, translucent, 313 M–314 M	0.32 × 0.18 × 0.11	<0.01
40807	I/-4, 15783	Small. Flat with tapering edges. One convex and one concave surface. Remains of parting layer. <i>pXRF: no Sb detected. Elevated Cu.</i>	Turquoise, translucent, 307 M	0.98 × 1 × 0.14	0.14
40808	I/-5, 15750	Small. Roughly triangular and flat with tapering edges. One surface is convex, the other is concave: ripples visible on both surfaces. Weathered. <i>pXRF: little Sb, elevated Cu.</i>	Turquoise, translucent, 2995 M	0.7 × 0.74 × 0.13	0.06
40810	I/-4 / J/-4, 15710	Very small with a roughly rectangular shape and angular edges. Somewhat weathered.	Turquoise, translucent, 638 M	0.37 × 0.25 × 0.18	<0.01
40811	J/-4, 15727	Tiny. Triangular with angular edges. Small patch of parting layer. Heavily weathered. Large bubble on one surface.	Dark turquoise, translucent, N/A	0.52 × 0.5 × 0.26	<0.01
40812	J/-4, 15754	Very small and flat. Overall roughly triangular with traces of parting layer on one edge.	Turquoise, translucent, 638 M	0.48 × 0.35 × 0.11	<0.01
40813	J/-4, 15704	Tiny. Angular edges. Small bubbles visible in the matrix.	Turquoise, opaque, 313 M	0.33 × 0.23 × 0.15	<0.01
40814	J/-4, 15662	Small. Rectangular and flat. Ripples visible. Largely colourless with turquoise specks.	Light turquoise / colourless, transparent, 637 M	0.51 × 0.4 × 0.07	<0.01
40815	J/-4, 15754	Tiny. Triangular in overall shape and in section. Ripples visible, somewhat weathered.	Turquoise, translucent, 631 M	0.33 × 0.18 × 0.09	<0.01
40816	J/-4, 15679	Tiny. Irregular shape, flat.	Light turquoise, translucent, 305 M	0.28 × 0.16 × 0.07	<0.01
40817	J/-4, 15905	Small and flat with visible ripples. Overall irregular circular shape. Slightly iridescent because of weathering.	Turquoise, translucent, 2985 M	0.59 × 0.5 × 0.07	<0.01
40818	J/-4, 15662	Overall rectangular and small with a roughly rectangular section. Cracks visible on the surface and throughout the object, discernible in the breaks. <i>pXRF: Sb present, elevated Cu.</i>	Dark turquoise, opaque, 315 M	0.64 × 0.57 × 0.38	0.17
40819	J/-4, 15905	Small. Irregular shape with angular edges.	Turquoise, translucent, Pantone Process Blue M	0.65 × 0.32 × 0.24	0.04
40820	J/-4, 15662	Glass chip from an ingot. Parting layer on one surface. Very bubbly matrix, weathered. <i>pXRF: some Sb detected, elevated Cu.</i>	Dark turquoise, semi-opaque, 308 M?	1.11 × 0.89 × 0.9	0.77
40821	J/-4, 15754	Small. Long, narrow and angular. Some bubbles in the matrix. Parting layer covers one surface.	Turquoise, opaque, N/A	0.65 × 0.27 × 0.29	<0.01
40822	J/-4, 15679	Small. Triangular with two angular edges and one tapering edge. Remains of parting layer on one side. Bubbles in the matrix. Bulb of percussion visible on one edge. <i>pXRF: little Sb detected, elevated Cu.</i>	Turquoise, translucent, 307 M	0.8 × 0.47 × 0.48	0.18
40823	J/-4, 15687	Small. Triangular with two angular edges and one tapering edge. Bulb of percussion visible on one edge and ripples on one surface. Tiny bubbles in the matrix.	Turquoise, translucent, 307 M?	0.97 × 0.42 × 0.28	0.1
40824	K/-4, 15687	Small. Roughly rectangular with an irregular square section.	Turquoise, opaque, 638 M	0.5 × 0.28 × 0.2	<0.01
40825	K/-4, 15779	Tiny. Triangular and flat with two angular and one tapering edge.	Turquoise, opaque, 631 M	0.32 × 0.23 × 0.1	<0.01
40826	K/-4, 15673	Tiny. Irregularly shaped and flat with one convex and one concave surface. Bubbles in the matrix.	Turquoise, translucent, 312 M	0.45 × 0.41 × 0.09	<0.01
40828	K/-4, 15664	Small. Irregular triangle with tapered edges. Bubbles in the matrix.	Dark turquoise, translucent, 3015 M?	1.04 × 0.78 × 0.37	0.26
40829	K/-4, 15674	Tiny. Irregularly shaped with one tapering edge. Bubbly and grainy appearance.	Turquoise, opaque, N/A	0.69 × 0.67 × 0.3	0.08
40830	L/-4, 15780	Small, roughly triangular and flattish. Possible traces of parting layer on one face, although possibly discoloured because of weathering.	Turquoise, translucent, 639 M	0.52 × 0.35 × 0.1	<0.01
40831	G/-4, 15667	Tiny. Roughly square and flat with tapering edges. Ripples on both surfaces.	Turquoise, translucent, 312 M	0.48 × 0.56 × 0.06	<0.01
40833	I/-3, 15732	Small with one convex and one flat side. Possible traces of parting layer on the convex side. Somewhat weathered.	Dark turquoise, opaque, 3015 M	0.46 × 0.4 × 0.2	<0.01
40834	I/-5, 15753	Small. Flat and irregularly shaped. Bulb of percussion visible. A small patch of parting layer on one surface. Weathered.	Turquoise, opaque, 298 M? (weathered)	0.87 × 0.48 × 0.11	0.03
40835	I/-5, 15753	Small. Roughly triangular with tapering edges. Ripples visible on most surfaces. A few bubbles in the matrix.	Blue, translucent, 300 M	0.84 × 0.67 × 0.33	0.15
40836	J/-4, 15704	Tiny. L-shaped with one convex surface and one oval surface. Tapering edges.	Turquoise, translucent, 306 M	0.39 × 0.26 × 0.19	<0.01
40837	J/-4, 15710	Tiny with angular edges.	Turquoise, translucent, 640 M	0.14 × 0.12 × 0.11	<0.01
40838	J/-4, 15704	Tiny. Triangular and flat with one angular edge and two tapering edges.	Dark turquoise, translucent, 633 M	0.41 × 0.29 × 0.09	<0.01
40839i	J/-4, 15704	Tiny. Flat, irregular triangle. Bulb of percussion and ripples visible. A small patch of parting layer is visible on one edge.	Turquoise, translucent, 639 M?	0.49 × 0.5 × 0.11	<0.01

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40839ii	J/-4, 15704	Tiny, from an ingot. Flat, irregular oval. Ripples on one surface, parting layer on the other surface.	Turquoise, translucent, 639 M?	0.54 × 0.39 × 0.12	<0.01
40840	J/-4, 15679	Small. Roughly triangular and flat. Possible speck of parting layer on one face.	Turquoise, translucent, 638 M	0.46 × 0.54 × 0.06	<0.01
40841	J/-4, 15679	Tiny. Irregular shape with angular edges.	Dark turquoise, translucent, 308 M	0.45 × 0.33 × 0.23	<0.01
40842	J/-4, 15679	Small. Irregularly shaped and flat. Parting layer on one surface.	Turquoise, translucent, 312 M	0.48 × 0.39 × 0.12	<0.01
40843	J/-4, 15662	Small. Irregular shape and flattish. Ripples visible.	Turquoise, translucent, 638 M	0.63 × 0.5 × 0.12	<0.01
40845	J/-4, 15754	Tiny. Roughly oval and flat with tapering edges. Bulb of percussion visible on one surface. Remains of parting layer on the other surface.	Turquoise, translucent, 312 M?	0.49 × 0.72 × 0.07	<0.01
40846	J/-4, 15704	Tiny. Roughly triangular and flat with one angular edge and two tapering edges. Ripples on one surface.	Turquoise, translucent, 312 M	0.61 × 0.34 × 0.12	<0.01
40847	J/-4, 15679	Tiny. Roughly triangular and flat with two angular edges and one tapered edge. Bulb of percussion visible on one surface.	Turquoise, translucent, 3125 M	0.59 × 0.39 × 0.11	<0.01
40848	K/-4, 15673	Tiny. Flat and triangular with angular edges. Traces of dark red ceramic material are visible on one surface. Bubbles in the matrix.	Dark turquoise, translucent, 633 M–634 M	0.43 × 0.39 × 0.15	<0.01
40849	K/-4, 15673	Tiny. Irregularly shaped and angular.	Turquoise, translucent, 320 M	0.36 × 0.2 × 0.1	<0.01
40850	K/-4, 15673	Tiny. Irregularly shaped with angular edges. Small bubbles in the matrix.	Turquoise, translucent, 300 M	0.52 × 0.32 × 0.2	<0.01
40851	K/-4, 15687	Tiny. Flat with tapering edges and one angular edge. Ripples visible on one surface. A small amount of light beige material on one surface (parting layer). Weathered and iridescent. Bubbles in the matrix.	Turquoise, translucent, N/A	0.54 × 0.36 × 0.1	<0.01
40853	K/-4, 15673	Small. Angular, irregular shape with one flat surface and edges tapering to a point. Tiny bubbles in the matrix.	Dark turquoise, translucent, 308 M?	0.81 × 0.5 × 0.45	0.16
40858	H/-4, 15782	Irregular, elongated shape and fairly thin with slightly angular edges. Slightly curved. Ripples on one surface. Tiny bubbles in the matrix.	Dark brown, translucent, 464 M	1.79 × 0.74 × 0.5–0.19	0.25
40861	J/-4, 15704	Roughly triangular in shape and fairly flat. One slightly convex surface with bulb of percussion and faint ripples. Surface has largely weathered to light green: original red, opaque colour is only discernible on the opposite surface where the weathering is lighter.	Red, opaque, N/A	1.17 × 1.81 × 0.28	0.63
40862	J/-4, 15679	Roughly triangular in shape with tapered edges and one rounded, angular edge. Possibly broken from corroded chip since one edge is weathered green, although the core glass is red and opaque.	Red, opaque, 202 M	1.1 × 0.61 × 0.18	0.08
40863	J/-4, 15704	Tiny. Triangular and flat with one moderate edge and two tapering edges. Small amount of white material (parting layer?) on both surfaces.	Violet, transluscent, 5205 M–5215 M	0.67 × 0.58 × 0.09	<0.01
40864	K/-4, 15664	Small. Long and narrow with angular edges. Very bubbly and weathered.	Turquoise, translucent, N/A	1.12 × 0.41 × 0.16	0.04
40865	K/-4, 15687	Tiny, broken into three small pieces. One rounded edge.	Green, translucent, 335 M	0.65 × 0.3 × 0.17	<0.01
40866	K/-4, 15674	Small. Irregularly shaped and flat with tapered edges. Heavily weathered. Bubbles visible on the surface. Black material adheres to the surface.	Turquoise, translucent, N/A	0.88 × 0.81 × 0.2	0.12
40867	K/-4, 15673	Tiny with moderate and angular edges. Light green, colourless, with a tiny patch of red, opaque glass attached to one edge.	Light green, transparent, 5845 M	0.25 × 0.25 × 0.25	<0.01
40868	K/-4, 15687	Irregular shape. Fairly flat with angular and tapering edges. Bulb of percussion and ripples on one surface, the other surface is flat.	Red, opaque, 195 M	1.35 × 0.88 × 0.23	0.21
40869	K/-4, 15673	Irregular spherical shape with some moderate and rounded edges. Blackened on top. Patch of ceramic material or blackened parting layer adhering to one face. Slight green tint in places. Weathered.	Light green-brown, translucent, 456 M?	0.9 × 0.83 × 0.64	0.55
40870	K/-4, 15687	Small. Roughly rectangular and relatively flat. Three angular edges and one tapering edge. Three small bulbs of percussion as well as larger ripples visible on the edge of one surface. A few bubbles in the matrix.	Dark violet, translucent, 262 M?	1.44 × 0.84 × 0.29	0.31
40871	K/-4, 15687	Small chip. Triangular with two angular edges and one moderate edge. Weathered. Bubbles in the matrix and on the surface.	Dark violet, translucent, 5125 M? (weathered)	0.97 × 0.48 × 0.25	0.13
40872	K/-4, 15673	Tiny. Irregular shape with angular edges.	Brown, translucent, N/A	0.41 × 0.42 × 0.26	0.05
40874	G/-3, 15658	Small. Roughly oval and flat with tapering edges. Bulb of percussion visible. Tiny bubbles in the matrix.	Light blue, translucent, 646 M	0.99 × 0.57 × 0.17	0.09
40875	H/-4, 15657	Chip of glass adhering to a thin layer of parting layer and ceramic material, probably from a crucible/cylindrical vessel. The glass chip (L=0.53 cm, W=0.54 cm, T=0.34 cm) is roughly trapezoidal and has angular edges. <i>pXRF: no Sb detected. More Co than Cu.</i>	Dark blue, translucent, 2746 M–2756 M	1.92 (total) × 0.36 (ceramic, parting layer), 0.73 (total) × 0.74 (total)	0.56
40876	I/-5, 15753	Irregular shape with angular edges. One curved lateral side to which a pitted parting layer adheres. Surface is heavily weathered. Close in shape to object no. 40902, with a similar curvature, although no direct match. The diameter of this portion of ingot (c.13% preserved) would have been c.4 cm, matching the overall smaller diameter of Cu-coloured glass ingots (cf. Nicholson 2007). Probably turquoise, opaque: <i>pXRF: elevated Cu, some Sb detected.</i>	Probably turquoise, opaque, N/A	1.32 × 1.4 × 0.69	0.75
40878	K/-4, 15687	Trapezoid shape, fairly flat with what appears to be one thin, original edge. Bubbles throughout the matrix. Parting layer on one surface. Heavily weathered.	Dark blue, opaque, N/A	0.92 × 0.63 × 0.2	0.05
40879	G/-4, 15667	Small. Irregular shape with angular edges. Remains of parting layer. Small bubbles on the surface.	Turquoise, opaque, N/A	1.15 × 0.77 × 0.29	0.21
40880	H/-4, 15778	Small, roughly rhomboid with two angular and two tapered edges. Ripples visible on one surface. Weathered.	Turquoise, translucent, 298 M? (weathered)	1.25 × 0.8 × 0.24	0.18
40881	H/-4, 15762	Small. Irregular shape and flat. One slightly undulating surface. Other surface is coated in thick parting layer. Weathered.	Dark blue, opaque, N/A	1.09 × 0.89 × 0.15	0.14
40882	H/-4, 15657	Small. Roughly triangular/trapezoidal in shape. Two slightly convex surfaces with angular and moderate edges. Bulb of percussion and faint ripples on both surfaces. Weathered. <i>pXRF: Sb present. Co-Cu coloured.</i>	Dark blue, opaque, 286 M	0.7 × 1.37 × 0.29	0.24

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40883	H/-4, 15758	Small. Irregular shape and fairly flat with tapering edges, one flat surface and one slightly convex surface. Bubbles visible in the matrix. Parting layer covers the flat surface.	Dark blue, translucent, 2756 M?	0.99 × 0.62 × 0.23	0.1
40884	I/-4, 15774	Small glass chip. Irregular shape with a slightly convex surface and tapering edges. Bulb of percussion and ripples discernible on both surfaces. Two small patches of parting layer on one surface. <i>pXRF: little Sb detected. Very high Cu and elevated Mn.</i>	Dark blue, translucent, 296 M?	1.41 × 1.26 × 0.25	0.44
40885	I/-5, 15753	Small. Roughly triangular and fairly flat with angular edges and ripples. Heavily weathered.	Dark blue, translucent, N/A	0.95 × 0.61 × 0.18	0.07
40886	I/-5, 15753	Small. Irregular shape with one curved edge and two slightly undulating surfaces with angular edges. Very light turquoise, almost colourless, translucent, bubbly. Tiny bubbles visible in the matrix. Fragment is weathered.	Colourless, transparent with light turquoise tint, 317 M	1.05 × 1.01 × 0.4	0.53
40887	I/-5, 15753	Small. Roughly triangular with a triangular section and faint ripples on one surface.	Dark blue, opaque, slightly darker than 2726 M	1.06 × 0.49 × 0.4	0.16
40888	J/-4, 15679	Colourless with slight light blue tint, translucent. Irregular in shape with angular and moderate edges and multiple surfaces. One roughly triangular surface is coated in parting material (1.56 × 0.87 cm). Numerous tiny bubbles are visible in the matrix. <i>pXRF: little Sb detected. Some Cu, no Co.</i>	Colourless, transparent with blue tint, 413 M (weathered)	2.14 × 1.17 × 0.92	1.67
40889	J/-4, 15710	Small fragment of glass from an ingot with remains of parting layer.	Dark turquoise, translucent, 3015 M–308 M	0.9 × 0.7 × 0.3	0.16
40890	J/-4, 15704	Irregular rectangle with angular edges and a rectangular section. Heavily weathered to appear white-grey, although glass is light green or brown and translucent when shone through with light. Spongy matrix with bubbles. Possible remains of grainy (sandy?) material on bottom, possibly ‘Schamotte’ or quartz grains. Just above this layer is a light blue-grey phase (Pantone 622 M–623 M) – possibly where the grainy layer has reacted with glass. Just above this layer there appears to be a light blue, very thin (max. 0.2 cm) layer of almost colourless glass. See also object no. 40683 (and no. 40385). Small chip has broken off and was retained. <i>pXRF: no Sb, very low Cu and Co. Possibly elevated Fe.</i>	Brown, translucent, N/A	1.85 × 1.05 × 1.22	3.37 total
40891	J/-4, 15662	Irregular shape with angular edges. Ripples across both main surfaces. Shiny. <i>pXRF: Sb present. Co coloured.</i>	Dark blue, opaque, 293 M?	1.4 × 1.1 × 0.6	0.71
40892	J/-4, 15704	Irregularly shaped with one flat part and a thick, round protruding part. Ripples are visible on both surfaces of the round part. Patch of parting layer adhering to one surface. Iridescent.	Dark violet, translucent, 5005 M?	1.44 × 0.93 × 0.09–0.36	0.32
40893	J/-4, 15662	Roughly triangular/irregular shape with rough, angular edges. Dark blue matrix with many bubbles and what appear to be white quartz inclusions, although these may be superficial, sealed bubbles. One shiny, slightly undulating surface may be original. Remains of parting layer on one face. Appears semi-translucent when shone through with light, probably because of the bubbles. <i>pXRF: no Sb detected. Co coloured.</i>	Mid blue, semi-opaque, 7455 M	1.68 × 1.16 × 0.72	0.98
40894	J/-4, 15679	Small. Flat with one tapering convex edge and one irregular angular edge. Weathered surface with bubbles.	Turquoise, translucent, 307 M	1.04 × 0.76 × 0.24	0.22
40895	J/-4, 15679	Triangular with one flat surface and one angular, faceted surface. Moderate edges and one tapering edge. Ripples on all surfaces.	White, opaque, white (no equivalent)	1.28 × 1.04 × 0.55	0.76
40896	J/-4, 15704	Roughly triangular in shape, tapers towards one side. Ripples visible on both surfaces. Tiny bubbles in the matrix. <i>pXRF: some Sb detected. More Cu than Co.</i>	Dark blue, translucent, 653 M–654 M	1.24 × 0.83 × 0.39	0.28
40897	J/-4, 15704	Small. Irregular shape with a triangular section. Tapers towards the edges. Faint ripples discernible. Heavily weathered. Possibly violet: <i>pXRF: elevated Mn and Cu. Some Sn. No Sb detected.</i>	Dark turquoise, translucent, N/A	1.21 × 0.83 × 0.35	0.29
40898	J/-4, 15704	Small. Irregular shape with tapering edges. Ripples on all surfaces.	Dark blue, opaque, 2757 M	0.8 × 0.45 × 0.2	0.06
40899	K/-4, 15687	Triangular with two angular edges and one tapering edge. Remains of parting layer on one surface. Bubbles visible on the edges. Weathered. <i>pXRF: very little Sb, Cu, Co and some Mn.</i>	Dark brown-green, translucent, black 4 M	0.9 × 0.71 × 0.28	1.94
40900	K/-4, 15687	Rectangular and flat with one flat surface and one convex surface (flattened half-circle in section). The two short edges are moderate, the two long edges are tapering. Remains of a parting layer on the convex surface. Bubbly matrix. <i>pXRF: elevated Ca and Sb, little Cu.</i>	White, opaque, white (no equivalent)	2.07 × 1.22 × 0.34	0.96
40901	K/-4, 15686	Small chip of glass. Triangular with one convex, tapered edge and two angular edges. Bulb of percussion visible on one surface. Weathered.	Turquoise, opaque, N/A	1.16 × 0.85 × 0.35	0.2
40902	K/-4, 15664	Roughly triangular in shape with angular edges and one curved original edge to which parting layer adheres. Surface is heavily weathered and slightly iridescent. Turquoise core glass is visible when shone through with light. Similar in shape to object no. 40876, with a similar curvature, although no direct match. The diameter of this portion of ingot (c.17% preserved) would have been just over 4 cm, matching the overall smaller diameter of Cu-coloured glass ingots (cf. Nicholson 2007). <i>pXRF: no Sb detected. Elevated Mn and Cu.</i>	Dark turquoise, translucent, N/A	0.77 × 2.31 × 1.26	1.88
40903	K/-4, 15686	Small. Irregularly shaped with angular and tapering edges. Bulb of percussion is visible on one surface. There is possibly a small patch of parting layer on one surface.	Turquoise, semi-opaque, 2975 M–305 M	1.08 × 0.72 × 0.32	0.24
40904	K/-4, 15779	Small. Roughly oval in shape with one convex, chipped surface and one flat surface, angular edges, with remains of parting layer in one location. Small bubbles visible in the matrix. <i>pXRF: Sb present, possibly from impurities. High in Cu.</i>	Dark blue, translucent, 295 M	1.01 × 0.82 × 0.47	0.37
40905	K/-4, 15685	Roughly triangular shape with angular edges with ripples. Parting layer on one almost flat face. Appears light brown and translucent through light. Weathered. <i>pXRF: no Sb detected, some Cu, Mn and Fe.</i>	Light brown, translucent, N/A	1.41 × 1.24 × 0.59	0.83
40907	K/-4, 15664	Small with a light green tinge, although intended as colourless. Roughly trapezoidal in shape with two almost flat surfaces and angular edges. Chipping marks and faint ripples visible on both surfaces.	Colourless with a light green tinge, transparent, 617 M	0.61 × 0.73 × 0.22	0.11
40908	K/-4, 15664	Irregular shape and fairly flat with a roughly triangular section and angular edges. Ripples visible across one flat surface. Remains of parting layer on the other surface. <i>pXRF: little Sb detected. Elevated Mn and Cu.</i>	Dark blue-grey, semi-opaque, 2965 M	1.79 × 1.06 × 0.37	0.65
40909	K/-4, 15664	Small. Relatively round with a mostly tapered edge. Bulb of percussion visible on one side and ripples on the other. Remains of parting layer on one surface. A few bubbles on one surface.	Turquoise, opaque, 306 M	0.67 × 0.74 × 0.2	0.09

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40910	K/-4, 15685	Tiny. Irregularly shaped and flat. Remains of parting layer on one surface. Bubbles visible on the surface.	Turquoise, opaque, 2995 M–639 M	0.85 × 0.66 × 0.13	0.09
40911	K/-4, 15664	Small. Irregularly shaped. A layer of ceramic material adheres to one surface.	Dark blue, opaque, 3035 M, but heavily weathered	1.18 × 0.59 × 0.32	0.2
40912	K/-4, 15673	Small. Roughly triangular and thin. Slightly curved with parting layer on one surface. Glass is thin and appears cracked.	Dark blue, translucent, 293 M	1.1 × 0.56 × 0.16	0.08
40913	K/-4, 15686	Roughly triangular in shape and fairly flat with a slightly convex surface with a bulb of percussion and ripples. Heavily weathered to appear light green, although the core glass is red and opaque, as visible through the green patina.	Red, opaque, N/A	1.02 × 1.54 × 0.28	0.57
41020	J/-4, 15679	Small. Roughly oval shape with angular edges. Heavily devitrified with the core exposed.	Green, dark turquoise, 364 M, 323 M	0.78 × 0.56 × 0.28	0.12
41034	I/-3, 15694	Roughly triangular with angular edges and a roughly trapezoidal section. The profile is rounded with the shape of a cylindrical vessel (fits into cylindrical vessel object no. 40345), and parting layer around the edge and the base of the fragment. All surfaces are weathered, and tiny bubbles are discernible throughout the matrix.	Colourless, transparent with blue tint, 413 M (weathered)	1.97 × 0.26–1.04 × 1.02	2.78
41035	I/-3, 15694	Small, roughly triangular with a slightly raised, chipped surface with faint ripples. One edge is rounded but not original.	Green, opaque, 364 M?	0.72 × 0.41 × 0.18	<0.01
41036	K/-4, 15906	Irregular shape, fairly flat with tapering edges. Bulb of percussion and ripples on surface. Patch of parting layer on opposite surface. <i>pXRF: Sb present (from impurities?), Co coloured.</i>	Dark blue, translucent, 661 M	1.16 × 1.73 × 0.25	0.44
41060i	K/-4, 15687	Flat and triangular with remains of parting layer on one side. Slightly undulating surface with a frothy appearance. Heavily weathered.	Blue, N/A	1.08 × 0.61 × 0.15	<0.01
41060ii	K/-4, 15687	Flat and roughly triangular with possible remains of parting layer (or ceramic/dirt) on one side. Slightly iridescent surface. Heavily weathered.	Blue, N/A	1.1 × 0.51 × 0.12	<0.01
41060iii	K/-4, 15687	Tiny with angular edges and a fairly flat section.	Turquoise, translucent, 3125 M	0.28 × 0.21 × 0.1	<0.01
41063	K/-4, 15687	Small chip. Roughly triangular. Very bubbly and weathered.	Turquoise, opaque, N/A	0.59 × 0.42 × 0.42	0.06
41501	Spoil from backfill,	Irregular shape. Possibly a working piece because of folded lip on one edge. Fragment is otherwise almost flat and has a grainy underside: possibly remains of parting layer?	Mid blue, opaque, 652 M	0.97 × 0.65 × 0.23	0.07
41503	H/-4, 15656	Small. Roughly triangular with angular edges and one tapering edge. Ripples on surfaces. Parting layer on one flat side.	Dark brown, translucent, N/A	1 × 0.37 × 0.57	0.11
41551	J/-5, 17572	Long oval with one convex side and tapering edges. Bubbles in the matrix. One surface is more weathered than the other.	Turquoise, opaque, 632 M	0.83 × 0.33 × 0.14	<0.01
41552	J/-5, 17515	Irregular triangle. Irregular section. Roughly triangular patch of parting layer (1.1 × 0.55 cm) on one surface. Weathered but still red. <i>pXRF: Sb present, high Cu, little Co.</i>	Red, opaque, 1955 M	1.74 × 1.39 × 1.05	1.26
41553	K/-5, 17554	Irregular shape and flat section. Ripples visible on the surface. The chip is mostly turquoise, translucent, partially blue, opaque.	Turquoise, translucent, 632 M and 653 M	1.32 × 0.78 × 0.1	0.13
41554	J/-5, 17575	Roughly rectangular with a triangular section. Remains of parting layer on one face (0.79 × 0.66 cm). <i>pXRF: no Sb detected. Slightly more Co than Cu.</i>	Dark blue, translucent, 280 M	1 × 0.82 × 0.59	0.44
41555	J/-5, 17515	Irregular, elongated shape and flattish section. Ripples visible on surface.	Turquoise, translucent, 313 M	1.12 × 0.44 × 0.13	0.04
41557	L/-2, 17611	Roughly triangular with angular edges. Section is triangular.	Turquoise, translucent, 640 M–641 M	1.16 × 0.5 × 0.28	0.16
41558	J/-5, 17515	Irregular shape. Fairly flat, although with convex centre because of bulb of percussion, and tapering edges. Several bubbles (0.06–0.13 cm) visible in the matrix and on the surface. Heavily weathered on one side.	Dark blue, opaque, 541 M	1.06 × 1.07 × 0.36	0.19
41559	J/-5, 17624	Roughly triangular and overall flat with an undulating surface. The glass adheres to a layer of possible ceramic material (or parting layer). Tiny bubbles in the matrix. <i>pXRF: no Sb detected. More Co than Cu. Slightly elevated Mn.</i>	Dark blue, translucent, 280 M / 654 M	1.19 × 0.88 × 0.15	0.14
41560	J/-5, 17515	Irregular shape with angular edges and one sloping edge. Bulb of percussion and ripples visible. Tiny patch of parting layer on one surface (0.43 × 0.3 cm). <i>pXRF: no SB detected. Some Cu, no Co, some Mn.</i>	Dark brown, translucent, 722 M / 723 M?	1.8 × 1.1 × 0.5	0.93
41561	J/-5, 17515	Irregular/oval shape with some angular and some more moderate edges. Bubbles in the matrix (0.07–0.52 cm, est. median: 0.23 cm). Parting layer on one surface (1.54 × 0.81 cm). Heavily weathered to appear light violet-blue. <i>pXRF: elevated Mn, little Cu, trace Co and some Sn. Low Sb.</i>	Violet-blue (?), possibly translucent, N/A	1.62 × 1.29 × 0.83	2.13
41563	J/-5, 17515	Roughly triangular in shape with angular edges. Faint ripples discernible. Lateral surface (1.17 × 0.74 cm) coated in parting layer. Two faces are heavily weathered, other two faces have the original colour. Tiny bubbles visible in matrix. Matches glass chip object nos 41586 and 41573. Together, the pieces measure: L=1.6 cm, W=1.31 cm, T=1.1 cm.	Dark violet, translucent, 5115 M–5135 M	1.24 × 0.72 × 1.04	0.57
41564	L/-2, 17626	Glass fragment. Irregular/trapezoidal shape with angular edges. One lateral edge (0.86 × 0.79 cm) is convex and smooth. The opposite face is not intact. This piece may be the fragment of a thick-walled glass vessel.	Green, opaque, 555 M	0.94 × 0.87 × 0.77	0.72
41565	J/-5, 17525	Tiny. Irregular shape, slightly angular. Flat with a rounded edge.	Turquoise, translucent, 314 M	0.27 × 0.26 × 0.086	<0.01
41566	J/-3, 17504	Roughly rectangular with irregular, angular edges. Many cracks visible in the surface. One side is more weathered than the other.	Dark turquoise, translucent, 301 M	0.84 × 0.72 × 0.44	0.32
41567	K/-5, 17516	Irregular shape with an almost even surface on which ripples are discernible. Thick remains of parting layer on the opposite surface. Weathered and iridescent. <i>pXRF: Sb present. Co coloured. Slightly elevated Mn.</i>	Dark blue, opaque, 660 M? (weathering)	1.23 × 1.04 × 0.35	0.5
41568	K/-3, 17510	Irregular shape. One convex surface with bulb of percussion and one concave surface. Weathered. <i>pXRF: very little Sb detected. Very high Cu, some Co, slightly elevated Mn.</i>	Mid blue, translucent, 285 M? (weathering)	1.05 × 0.9 × 0.34	0.22
41569	J/-5, 17572	Roughly triangular shape, irregular section. Remains of parting layer on one face. The glass has cracked and is bubbly (<0.1 cm). Weathered.	Turquoise, translucent, N/A	0.97 × 0.74 × 0.25	0.12

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
41570	J/-5, 17572	Roughly oval in shape and flat with a slightly convex section. Bulb of percussion and ripples on both surfaces. Tapers towards the edges. <i>pXRF: no Sb detected. More Co than Cu.</i>	Dark blue, translucent, 541 M	1.65 × 1.2 × 0.32	0.47
41571	J/-2, 17508	Irregular shape, angular edges. Triangular section, tapers towards the edges. Ripples on both surfaces and tiny bubbles in the matrix. <i>pXRF: some Sb detected. More Cu than Co.</i>	Dark blue, translucent, 287 M–661 M	1.02 × 0.94 × 0.36	0.33
41572	J/-2, 17534	Roughly triangular in shape with both angular and rounded edges. Ripples visible on both main surfaces. Tiny bubbles in the matrix. Somewhat weathered.	Dark violet, translucent, 4985 M–5115 M	1.15 × 0.6 × 0.42	0.26
41573	J/-5, 17515	Irregular shape with angular edges. Faint ripples discernible. Lateral surface (0.73 × 0.44 cm) coated in parting layer. One face is heavily weathered, the other three faces have the original colour. Tiny bubbles visible in matrix. Matches object nos 41563 and 41586. Together, the pieces measure: L=1.6 cm, W=1.31 cm, T=1.1 cm.	Dark violet, translucent, 5115 M–5135 M	0.77 × 0.5 × 0.93	0.28
41574	H/-4, 15656	Small. Irregular, elongated shape with a triangular section. Ripples discernible. Slightly weathered.	Dark blue, translucent, 296 M?	1.2 × 0.35 × 0.19	0.04
41575	H/-4, 15656	Tiny. Irregularly shaped and flat with one protruding point. Three angular edges and two tapering edges. Bulb of percussion visible on one surface and ripples on the other surface.	Dark violet, translucent, 5255 M–5265 M	1.02 × 0.58 × 0.11	<0.01
41576	J/-5, 17515	Triangular shape with one convex side because of bulb of percussion and one flat (slightly concave) surface. The convex surface is more weathered than the other one.	Dark blue, opaque, 653 M and 652 M (weathered side)	1.05 × 0.6 × 0.23	0.13
41577	J/-5, 17525	Small. Roughly rectangular and fairly flat. Ripples on upper surface, patch of parting layer on the other surface. Tiny bubbles visible in matrix.	Dark blue, translucent, 288 M	0.82 × 0.53 × 0.25	0.12
41578	J/-5, 17515	Irregular shape with angular edges. The fragment is weathered.	Turquoise, translucent, 639 M? (weathered)	0.76 × 0.56 × 0.3	0.13
41579	K/-5, 17554	Tiny. Roughly triangular with a rectangular section.	Dark blue, translucent, 653 M?	0.35 × 0.3 × 0.24	<0.01
41580	K/-5, 17615	Tiny. Irregular convex shape with slightly angular and some rounded edges. Weathered.	Dark blue, opaque, 653 M	0.42 × 0.34 × 0.38	0.07
41581	K/-5, 17554	Small. Irregular oval shape and largely flat section. Parting layer on one face, ripples visible on the other.	Dark blue, translucent, 653 M	0.73 × 0.44 × 0.12	<0.01
41582	J/-5, 17572	Irregular oval in shape with tapering edges. One flat surface, which is almost entirely coated in parting layer. Opposite side has bulb of percussion and ripples. Weathered. No inclusions visible (through microscope). <i>pXRF: no Sb detected, some Cu, no Co and some Mn.</i>	Brown, translucent, 1545 M	1.89 × 1.11 × 0.3	0.53
41583	J/-5, 17515	Irregular shape with angular edges. Broken oval with pointed ends. Ripples on both surfaces. Somewhat weathered. <i>pXRF: some Sb detected. More Cu than Co, but probably Co-Cu coloured.</i>	Dark blue, translucent, 286 M–287 M	1.1 × 0.84 × 0.35	0.28
41584	J/-5, 17515	Triangular shape with angular edges. Patch of parting layer (0.61 × 0.28 cm) preserved on one side. Tiny bubbles in the matrix. <i>pXRF: little Sb detected. Almost equal Co and Cu.</i>	Dark blue, translucent, 661 M	1.22 × 0.99 × 0.46	0.42
41585	J/-5, 17515	Small. Roughly triangular in shape, flat with a curved edge. Ripples on both surfaces. <i>pXRF: some Sb detected. More Cu than Co.</i>	Dark blue, semi-opaque, 654 M?	0.88 × 0.76 × 0.09	0.06
41586	J/-5, 17515	Roughly triangular in shape with angular edges. Faint ripples discernible. Lateral surface (0.72 × 0.72 cm) coated in parting layer. Two faces are heavily weathered, other two faces have the original colour. Tiny bubbles visible in matrix. Matches glass chip object nos 41563 and 41573. Together, the pieces measure: L=1.6 cm, W=1.31 cm, T=1.1 cm.	Dark violet, translucent, 261 M?	0.9 × 0.7 × 0.72	0.43
41587	J/-3, 17504	Irregular shape, fairly flat, although with convex surface because of bulb of percussion. Angular and tapering edges and a patch of parting layer on one edge.	Dark blue, semi-opaque, 2756 M	0.99 × 0.82 × 0.35	0.21
41588	K/-5, 17555	Irregular shape, triangular section, fairly thin. Ripples discernible on one surface, flat on the other. Weathered.	Turquoise, translucent, 321 M	1.26 × 0.58 × 0.2	0.13
41589	K/-5, 17554	Glass chip is roughly rectangular with one convex and one flat face, and smaller in surface than a patch of parting layer to which it is attached.	Turquoise, translucent, 313 M	0.61 × 0.67 (with parting layer), 0.47 (glass only) × 0.2	0.06
41590	J/-5, 17515	Irregular, roughly triangular shape. Fairly flat overall, but with undulating surfaces on which ripples are discernible. Bulb of percussion visible, tapering towards one edge. <i>pXRF: some Sb detected. More Cu than Co.</i>	Dark blue, semi-opaque, 661 M?	1.19 × 0.84 × 0.29	0.23
41592	K/-5, 17555	Irregular shape. Thin with bulb of percussion and ripples on both surfaces. Remains of parting layer around one edge. <i>pXRF: Sb detected. Co-Cu coloured.</i>	Dark blue, opaque, 653 M	1.19 × 0.84 × 0.24	0.2
41593	J/-5, 17515	Small. Irregular shape. Fairly flat with two slightly convex, chipped surfaces. Heavily weathered.	Dark blue, opaque, N/A	0.81 × 0.66 × 0.2	0.12
41594	J/-5, 17575	Irregular shape with tapering edges that have weathered to appear green. Ceramic material on one side. Object was very thin, broken into two pieces.	Red, opaque, 505 M? (weathered)	1 × 0.8 × 0.2	0.13
41595	K/-5 S, 17516	Roughly triangular and flat. Patch of parting layer on one face.	Turquoise, translucent, 3135 M	0.78 × 0.55 × 0.15	0.06
41596	K/-5, 17554	Irregular shape, both angular and tapering edges. Flat underside, possibly polished. Weathered.	Turquoise, translucent, 631 M	0.54 × 0.42 × 0.19	0.1
41598	K/-5, 17554	Very small and thin with a rectangular shape. Heavily weathered.	Light turquoise, translucent, 305 M	0.44 × 0.4 × 0.02	<0.01
41599	J/-5, 17525	Tiny. Triangular shape and flat with faint remains of parting layer around one edge. Some tiny bubbles visible. Weathered.	Dark blue, translucent, 652 M–653 M	0.51 × 0.38 × 0.08	<0.01
41600	H/-4, 15620	Irregular shape, fairly flat with thin edges. Strip of light green patina on both surfaces. Very small bulb of percussion discernible, with faint ripples.	Red, opaque, 202 M	1.89 × 0.7 × 0.19	0.22
41607	K/-5, 17614	Chip of glass. Roughly triangular in shape with a raised ridge that curves in one direction. Triangular section. Bubbles in the matrix (0.04–0.23 cm). No parting layer. <i>pXRF: no Sb detected. Co coloured.</i>	Dark violet-blue, semi-opaque, 646 M	1.6 × 0.8 × 0.4	0.26

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
41608	J/-5, 17624	Irregular shape and triangular section. Remains of parting layer on one face.	Turquoise, translucent, 640 M	0.66 × 0.32 × 0.43	0.04
41609	L/-2, 17610	Fragment of glass from an ingot. Overall irregular rectangular shape with a flat surface and triangular section. Remains of parting layer along one edge. Weathered.	Dark blue, opaque, 654 M?	0.82 × 0.73 × 0.23	0.14
41610	J/-5, 17572	Irregular shape with angular edges. Original colour is red, opaque, but the fragment has weathered green.	Red, opaque, N/A	0.62 × 0.56 × 0.41	0.2
41611	J/-5, 17624	Small. Roughly trapezoidal with a triangular section. Tapers towards one edge. Lateral edge is coated in parting layer (0.86 × 0.44 cm). Heavily weathered to appear green.	Red, opaque, N/A	0.6 × 0.92 × 0.48	0.3
41612	I/-3, 17503	Irregular/triangular shape, fairly flat. One surface is convex towards the centre because of bulb of percussion, tapering towards edges. Other surface is slightly concave/flat. Fragment is weathered. <i>pXRF: some Sb. More Co than Cu.</i>	Mid blue, translucent or semi-opaque, 285 M?	1.21 × 1.01 × 0.31	0.26
41613	J/-5, 17515	Irregular shape, flat and thin, although slightly warped. Ripples on both surfaces. Weathered to appear iridescent.	Light brown, translucent, 145 M? Weathered and thin.	0.75 × 0.56 × 0.12	0.04
41614	L/-2, 17610	Irregular/roughly rectangular shape, fairly flat. Bulb of percussion and ripples on one surface. Parting layer covers most of the other surface, except where it has been chipped off. Heavily weathered. Object appears mid blue, opaque, but this is probably because of weathering. Through lamp, the glass has a purple appearance. <i>pXRF: no Sb detected, some Cu, elevated Mn.</i>	Violet, translucent?, N/A	2.33 × 1.75 × 0.46	1.75
41615	J/-2, 17634	Irregular shape with a convex, tapering section. Parting layer on one face, other face has part of the original surface and ripples on the remainder. Bubbles visible in the matrix (lighter turquoise) near the original surface (darker turquoise).	Turquoise, translucent, 628 M–638 M	1.24 × 0.8 × 0.31	0.21
41617	J/-2, 17628	Irregular oval shape with a roughly triangular section. Chipping marks and faint ripples on upper surface, parting layer covers the other surface. Heavily weathered. <i>pXRF: elevated Sb, Co-Cu coloured.</i>	Mid blue, opaque, N/A	2.31 × 1.27 × 0.49	1.79
41618	J/-5, 17515	Small. Roughly rectangular with one flat lower surface with remains of parting layer, and one sloping upper surface with faint ripples. Angular edges. Fragment is heavily weathered.	Turquoise, opaque, N/A	0.55 × 0.35 × 0.3	0.1
41619	J/-5, 17572	Tiny. Irregular, elongated shape with some angular edges. Weathered.	Light turquoise, opaque, 2975 M	0.64 × 0.27 × 0.1	<0.01
41620	K/-3, 17510	Small. Oval in shape with rounded edges. Weathered.	Turquoise, opaque, 3115 M?	0.52 × 0.38 × 0.3	0.05
41621	K/-5, 17554	Small. Roughly triangular shape and somewhat flat with some angular and moderate edges. Heavily weathered.	Turquoise, opaque, N/A	0.71 × 0.35 × 0.15	<0.01
41624	K/-5, 17554	Small with an irregular shape and angular edges. Weathered.	Dark blue, translucent, 647 M	0.63 × 0.35 × 0.35	<0.01
41625	J/-5, 17572	Tiny. Roughly rectangular shape, flat, with a tapering edge. Bubbles in the matrix towards the other edge, to which remains of parting layer adhere. Weathered.	Mid blue, translucent, 2925 M?	0.44 × 0.3 × 0.09	<0.01
41626	K/-3, 17510	Roughly rectangular with irregular, angular edges. Some cracks visible on the surfaces. <i>pXRF: some Sb detected. More Cu than Co.</i>	Dark blue, opaque, 654 M	0.59 × 0.47 × 0.39	0.13
41627	K/-5, 17554	Tiny. Roughly triangular and fairly flat. Ripples visible on one surface. Tiny bubbles in the matrix.	Dark blue, opaque, 286 M	0.7 × 0.59 × 0.11	<0.01
41628	J/-5, 17572	Small. Irregular shape with an oval section and tapering edges. Many bubbles (0.03–0.18 cm) in the matrix. Weathered. <i>pXRF: some Sb detected. More Co than Cu.</i>	Dark blue, opaque, 653 M	1.07 × 0.61 × 0.33	0.15
41629	K/-5, 17614	Tiny. Triangular shape and almost flat. Bubbles visible in the matrix.	Dark blue, opaque, 293 M	0.53 × 0.4 × 0.14	<0.01
41630	K/-5, 17614	Small. Thin and long with an irregular section. Some bubbles visible in the matrix. Remains of parting layer on one edge.	Dark blue, opaque, 647 M	0.95 × 0.28 × 0.17	<0.01
41631	K/-5, 17614	Tiny. Roughly oval with one convex surface and a very slightly concave one. Possible remains of parting layer on the flat surface. Weathered.	Dark blue, opaque, N/A	0.59 × 0.32 × 0.25	0.09
41632	K/-2, 17577	Small. Irregular triangular shape with angular edges and a triangular section. Tiny bubbles visible in the matrix. <i>pXRF: Sb detected. More Cu than Co.</i>	Dark blue, opaque, 654 M	0.79 × 0.57 × 0.4	0.14
41633	L/-2, 17511	Small. Oval/rectangular shape, fairly thin. Ripples visible on both surfaces. Tapers towards one edge. <i>pXRF: some Sb detected. More Co than Cu.</i>	Dark blue, opaque, 653 M–660 M	1.03 × 0.46 × 0.12	0.12
41634	L/-2, 17512	Tiny. Roughly triangular and largely flat with a slightly convex surface. Remains of parting layer on opposite surface. Tiny bubbles visible in the matrix.	Dark blue, opaque, 654 M	0.41 × 0.4 × 0.13	<0.01
41635	K/-5, 17554	Small. Irregular shape with angular edges. Tiny bubbles visible in matrix. Thick and weathered.	Dark blue, opaque, 2728 M?	0.58 × 0.54 × 0.39	0.15
41636	K/-5, 17554	Tiny. Irregular shape with angular edges. Tiny bubbles visible in the matrix.	Dark blue, opaque, 287 M	0.49 × 0.38 × 0.23	<0.01
41637	J/-5, 17572	Tiny. Irregular but elongated shape with angular edges. Weathered.	Dark blue, opaque, 287 M	0.48 × 0.16 × 0.12	<0.01
41638	J/-5, 17572	Tiny. Irregular shape with angular edges. Tiny patch of parting layer on one surface.	Dark blue, opaque, 280 M	0.42 × 0.25 × 0.21	<0.01
41639	J/-3, 17541	Small. Irregular shape with sharp edges and a triangular section. Ripples visible on both faces. Somewhat weathered.	Turquoise, translucent, 2995 M–307 M	1.08 × 0.75 × 0.17	0.11
41640i	K/-5, 17554	Tiny with a tiny patch that might be the remains of parting layer. Heavily weathered.	Turquoise, translucent, N/A	0.26 × 0.2 × 0.02	<0.01
41640ii	K/-5, 17554	Tiny. Heavily weathered.	Turquoise, translucent, N/A	0.27 × 0.18 × 0.02	<0.01
41641	I/-3, 17503	Small. Roughly oval in shape and flat. Ripples on both surfaces.	Turquoise, translucent, 630 M–632 M	0.53 × 0.4 × 0.09	<0.01
41642	L/-5, 17518	Small. Roughly rectangular and flattish. All surfaces are heavily weathered.	Turquoise, translucent, N/A	0.7 × 0.56 × 0.17	0.13
41643	K/-5, 17614	Tiny. Oval in shape and flat.	Turquoise, translucent, 3115 M	0.37 × 0.21 × 0.07	<0.01

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
41644	Surface, south-east of site	Small. Roughly triangular shape and flat. Ripples visible on both surfaces. Possible original surface of an ingot.	Turquoise, translucent, 312 M	0.78 × 0.44 × 0.1	<0.01
41645	J/-5, 17515	Small. Irregular shape and flat. Heavily weathered.	Turquoise, translucent, 298 M	0.94 × 0.63 × 0.07	<0.01
41646	J/-5, 17515	Small. Roughly triangular with a triangular section. Fine ripples discernible.	Dark turquoise, translucent, 633 M	0.72 × 0.41 × 0.24	0.08
41647	K/-5, 17614	Small fragment of a glass extract: interface between rod end and rod, one convex and one concave surface. Semi-circular section. Weathered.	Turquoise, translucent, 631 M	0.32 × 0.3 × 0.12	<0.01
41648	J/-3, 17504	Small with an irregular shape and roughly triangular section. Tapers slightly towards one side. Heavily weathered.	Turquoise, translucent, 314 M? (weathered)	0.79 × 0.45 × 0.28	0.15
41649	J/-5, 17515	Tiny. Irregular shape with angular edges. Somewhat weathered.	Turquoise-green, translucent, 339 M?	0.59 × 0.33 × 0.36	0.03
41650	K/-5, 17614	Small. Irregular shape with angular edges and a triangular section.	Turquoise, translucent, 314 M	0.76 × 0.34 × 0.2	0.04
41651	J/-5, 17572	Tiny. Triangular shape with one smooth convex surface and angular edges. Ceramic material adhering to the other surface.	Turquoise, opaque, 2925 M–306 M	0.54 × 0.42 × 0.36	0.06
41652	J/-3, 17541	Tiny. Irregular shape, rounded edges.	Turquoise, opaque, N/A	0.22 × 0.15 × 0.09	<0.01
41653	H/-2, 17674	Tiny. Irregular shape, slightly elongated, moderate edges. Heavily weathered.	Turquoise, opaque, N/A	0.37 × 0.17 × 0.12	<0.01
41654	H/-2, 17612	Irregular shape with one flat and one convex surface. Cracks visible, also possibly part of the original surface. Includes a layer of green, opaque glass, indicating that this may be the product of recycling or the process of adding antimony to copper-coloured glass.	Turquoise, translucent, N/A	0.84 × 0.66 × 0.43	0.25
41655	K/-2, 17595	Irregular shape, convex in centre, tapers towards edges. Chipped surface with bulb of percussion. Remains of parting layer or ceramic material on other, flat side. Small bubbles visible in the matrix. <i>pXRF: no Sb detected. More Co than Cu.</i>	Dark blue, translucent, 540 M?	1.64 × 1.63 × 0.4	0.9
41656	H/-2, 17569	Irregular shape. Angular edges and irregular section with one convex and one slightly concave surface. Weathered. <i>pXRF: little Sb present. Elevated Cu and Mn.</i>	Dark blue, translucent, 2935 M–2945 M	1.06 × 1.03 × 0.65	0.54
41708	J/-2, 17508	Roughly triangular shape with one convex surface (because of bulb of percussion) and angular edges, and one flat surface, which is covered in parting layer (1.8 × 1.31 cm). Tapers towards one edge. Fragment is somewhat weathered. <i>pXRF: Sb detected. More Co than Cu.</i>	Dark blue, opaque, 540 M?	1.9 × 1.47 × 0.96	2.18
41709i	J/-2, 17508	Triangular with a trapezoid section and angular edges. Faint remains of parting layer on one surface. Weathered. Very small and weathered.	Dark blue, opaque, 2768 M?	0.35 × 0.28 × 0.15	<0.01
41709ii	J/-2, 17508	Triangular with a triangular section and angular edges. Faint remains of parting layer on one surface. Weathered. Very small and weathered.	Dark blue, opaque, 2768 M?	0.32 × 0.28 × 0.23	<0.01
41709iii	J/-2, 17508	Tiny. Triangular with a triangular section and angular edges. Weathered. Very small and weathered.	Dark blue, opaque, 2768 M?	0.25 × 0.12 × 0.08	<0.01
41710	G/-2 N, 17505	Small. Overall rectangular in shape and flat. Ripples discernible. Some tiny bubbles in the matrix. Weathered.	Dark blue, translucent, N/A	0.76 × 0.52 × 0.14	0.08
41711	G/-3, 17541	Small. Irregular shape, somewhat flat. Bubbly throughout. One flat, slightly darkened surface. Weathered.	Turquoise, opaque, 2995 M? (weathered)	1.02 × 0.57 × 0.19	0.06
41712	J/-2, 17508	Irregular shape with angular edges and a roughly triangular section. Ripples on upper surface, very small patch of parting layer on the other. Tiny bubbles visible in the matrix. <i>pXRF: no Sb detected. More Co than Cu.</i>	Dark blue, translucent, 286 M	1.2 × 0.96 × 0.61	0.63
41713	J/-5, 17572	Roughly triangular and flat. Bulb of percussion on one surface, ripples on both surfaces. Slightly jagged edges. Tiny bubbles visible in matrix. Somewhat weathered.	Light brown, translucent, 723 M	1.42 × 1.5 × 0.21	0.35
41715	I/-2, 17670	Tiny. Irregular shape with one concave and one convex surface. Heavily weathered.	Dark blue, opaque, N/A	0.44 × 0.23 × 0.22	<0.01
41744	I/-2, 17507	Irregular shape with two convex surfaces. Bulb of percussion discernible. Parting layer (1.25 × 0.97 cm) on one surface. Tiny bubbles visible in matrix. Fragment is weathered. <i>pXRF: no Sb detected. Co-Cu coloured.</i>	Dark blue, translucent, 539 M	1.39 × 1.3 × 0.53	0.97
41745	G/-4, 17513	Irregular shape with one elongated and one protruding, slightly triangular side. One surface is concave, the other one convex; section is roughly triangular. No parting layer or ripples. Possibly a working piece?	Turquoise, opaque, 7458 M	1.46 × 0.32–0.7 × 0.26	0.23
41746	G/-4, 17513	Very small. Rounded edges, irregular shape. Weathered.	Turquoise, translucent, N/A	0.26 × 0.26 × 0.29	<0.01
41768	G/-4, 17513	Small. Overall shape is roughly rectangular with angular edges and irregular surfaces. Colour changes: dark blue/black on overall mid blue matrix from inclusions or impurities, or from mixing colours. Tiny bubbles in matrix.	Blue, opaque, 2718 M	0.62 × 0.6 × 0.46	0.22
41802	L/-5, 17544	Small. Triangular shape and section. Patch of parting layer on one face.	Turquoise, translucent, 640 M	0.74 × 0.34 × 0.24	0.08
41803	J/-5, 17679	Tiny. Roughly triangular and curved with a triangular section. Weathered.	Turquoise, opaque, 299 M	0.45 × 0.32 × 0.1	<0.01
41804	H/-5, 17698	Small. Irregular shape with angular edges.	Turquoise, translucent, 320 M	0.47 × 0.4 × 0.37	0.8
41805	I/-2, 17565	Tiny. Irregular shape with angular edges. Heavily weathered.	Turquoise, translucent, N/A	0.4 × 0.33 × 0.19	<0.01
41806	G/-5, 17514	Small. Irregular shape and angular edges. One face is flat, the fragment is partially weathered; one part is less weathered, possibly because of a later break.	Turquoise, translucent, 322 M	0.56 × 0.65 × 0.4	0.14
41807	G/-5, 17514	Roughly triangular with a triangular section and four distinct surfaces that have ripples. Weathered.	Turquoise, opaque, 631 M	0.93 × 0.61 × 0.62	0.29
41808	G/-4, 17513	Tiny. Roughly rectangular with rounded edges. Weathered.	Dark turquoise, translucent, 322 M	0.23 × 0.2 × 0.18	<0.01
41809	H/-5, 17519	Small. Triangular shape with one rounded edge and a rectangular section. Tiny bubbles visible in the matrix. Heavily weathered.	Turquoise, translucent, 3125 M?	0.55 × 0.65 × 0.33	0.13

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
41810	I/-2 N, 17565	Small. Triangular shape with angular edges and a patch of parting layer on one edge.	Turquoise, translucent, N/A	0.4 × 0.29 × 0.28	<0.01
41811	G/-4, 17513	Small. Irregular shape with rounded edges and bulb of percussion. Fragment is heavily weathered.	Turquoise, translucent, N/A	0.8 × 0.8 × 0.33	0.15
41812	J/-5, 17707	Tiny. Roughly trapezoidal in shape with angular edges. One flat (although very slightly concave), smooth surface; the opposite surface is concave and irregular. Slightly weathered.	Turquoise, opaque, 2985 M	0.42 × 0.33 × 0.2	<0.01
41813	J/-5, 17707	Tiny. Triangular and almost flat with tapering edges.	Turquoise, opaque, 299 M	0.38 × 0.3 × 0.08	<0.01
41814	I/-2 N, 17704	Tiny. Elongated diamond shape, rectangular section. Weathered.	Dark blue, opaque, N/A	0.49 × 0.17 × 0.11	<0.01
41815	J/-5, 17622	Irregular shape, fairly flat. Bulb of percussion and ripples on one surface. Parting layer covers most of the other surface. Heavily weathered. <i>pXRF: Sb detected. Co coloured.</i>	Dark blue, opaque, 540 M?	1.85 × 1.21 × 0.28	0.65
41816	J/-2, 17534	Tiny. Irregular/trapezoidal shape with angular edges. Heavily weathered.	Mid blue, opaque, N/A	0.37 × 0.32 × 0.24	<0.01
41817	J/-5, 17624	Tiny. Roughly oval in shape with a convex and a flat surface. Patch of parting layer on one face. Heavily weathered.	Dark blue, opaque, N/A	0.4 × 0.28 × 0.21	<0.01
41818	K/-3, 17510	Small. Irregular shape and almost flat, although with one section protruding from the upper or lateral surface. Many bubbles in the matrix. Opposite side is covered in parting layer (1.1 × 1.2 cm). Small piece broken off, not measured. Heavily weathered.	Turquoise, opaque, N/A	1.36 × 1.08 × 0.24–0.44	0.44
41820	J/-5, 17622	Small. Roughly trapezoidal with one flat and one convex surface. Weathered.	Dark blue, translucent, 2728 M?	0.71 × 0.45 × 0.3	0.12
41821	J/-5, 17622	Small. Irregular shape with one convex and one concave surface. Bulb of percussion and ripples on one surface, patch of parting layer on the other. <i>pXRF: Sb detected. Co-Cu coloured.</i>	Dark blue, opaque, 2766 M–534 M	1.18 × 0.9 × 0.45	0.21
41822	L/-5, 17544	Roughly triangular in shape and thin. Speckles of turquoise and red on one surface, parting layer on the other. Ripples on glass surface.	Red and turquoise, translucent, 201 M and 3272 M	1.21 × 1.04 × 0.19	0.23
41925	G/-4, 17721	Tiny. Roughly rectangular with angular edges. One flat surface with a tiny bubble. Heavily weathered.	Light turquoise, opaque, 324 M	0.44 × 0.39 × 0.18	<0.01
41927	G/-5, 17728	Small. Roughly triangular in shape, one convex surface with convex lines from drawing. Angular edges. The opposite surface has a linear groove (0.72 × 0.28 cm) with possible remains of parting layer, probably the impression of a metal tool or a mandrel. This is probably either a working piece or a bead that broke during manufacture.	Turquoise, opaque, 299 M	0.89 × 0.64 × 0.44	0.22
41928	G/-5, 17698	Small. Irregular shape and flat. Bulb of percussion and ripples discernible on one surface.	Turquoise, opaque, 306 M	0.82 × 0.9 × 0.12	0.08
41929	I/-3 / J/-3, 17715	Small. Triangular shape with a flattish, triangular section and a chipped surface with a bulb of percussion and ripples. Possible remains of parting layer on the opposite, largely flat side. <i>pXRF: Sb present. Elevated Cu, almost no Co.</i>	Turquoise, semi-opaque, 640 M	1.32 × 1.41 × 0.27	0.36
41930	K/-2, 17699	Small. Roughly rectangular shape with a triangular section and a sloping surface. One rounded (upper) edge. Small bubbles visible in the matrix. Weathered.	Dark blue, opaque, 646 M? (weathered)	0.85 × 0.62 × 0.39	0.17
41931	I/-3 / J/-3, 17715	Small. Roughly triangular in shape and almost flat. Bulb of percussion and faint ripples discernible on one surface. Edges are tapered and frayed because of small bubbles in the glass matrix.	Turquoise, opaque, 2995 M	0.85 × 0.87 × 0.19	0.04
41932	K/-5 S, 17516	Small. Roughly rectangular with a triangular section. Tapers towards one edge. Lateral face has a patch of parting layer. Corroded green but original red colour visible in gap behind corrosion (through microscope).	Red, opaque, N/A	0.69 × 0.58 × 0.23	0.14
41933	J/-5, 17621	Small. Irregular shape, flattish with a triangular section. Possible remains of parting layer on one edge and a small bubble.	Turquoise, translucent, 313 M	0.35 × 0.4 × 0.11	<0.01
41934	H/-5, 17703	Small. Irregular elongated shape and fairly flat. Ripples visible on surface. Heavily weathered.	Turquoise, opaque, N/A	0.96 × 0.31 × 0.11	0.03
41936	J/-5, 17621	Tiny. Roughly rectangular and flat. Possible remains of parting layer on one surface. Weathered.	Dark blue, opaque, 647 M	0.4 × 0.18 × 0.05	<0.01
41937	H/-5, 17702	Small. Irregular shape with one rounded and one pointed edge. Tiny bubbles in the matrix. One chipped surface, the other more intact. Weathered.	Turquoise, semi-opaque, 307 M?	0.78 × 0.62 × 0.27	0.13
41963	G/-5, 17728	Small. Irregular shape with a rounded (tall) edge and a triangular section. The rounded edge is coated in parting layer. The surfaces are heavily weathered, making the fragment appear opaque.	Turquoise, opaque, N/A	0.76 × 0.6 × 0.48	0.15
41964	G/-5, 17728	Irregular shape with two convex parts on one surface, one because of the bulb of percussion. Angular edges. Large patch of parting layer (1.89 × 0.53 cm) on the opposite surface. Some tiny bubbles visible in the matrix. <i>pXRF: high Sb. Co coloured.</i>	Dark blue, opaque, 540 M	2.42 × 1.47 × 0.48	1.62
41989	I/-2, 17732	Roughly triangular in shape with angular and moderate edges. Tapers towards one edge. Ripples from chipping visible on almost all surfaces; one face may be part of the original surface. Light green, translucent with brown specks, probably from iron oxide inclusions. Small bubbles visible in the matrix. <i>pXRF: no Sb detected. Some Cu, slightly elevated Fe. Some Mn.</i>	Light green, translucent, various	2.24 × 1.56 × 0.78	2.64
41990	J/-3, 17691	Small. Roughly oval in shape with one flat and one convex side. Edges are angular and also somewhat rounded in places. Weathered.	Turquoise, opaque, 7461 M	0.76 × 0.61 × 0.23	0.1
41991	G/-4, 17721	Small. Roughly triangular in shape. Fragment is flat and upper side may not have been worked. Patch of parting layer on one side. This fragment may be spillage.	Light turquoise, opaque, 305 M–311 M	0.72 × 0.62 × 0.2	0.05
41992	G/-4, 17721	Small. Irregular shape with angular edges and one convex surface. Heavily weathered.	Turquoise, opaque, 306 M? (weathered)	0.75 × 0.35 × 0.28	0.03
41993	J/-5, 17621	Tiny. Irregular shape with angular edges.	White, opaque, white (no equivalent)	0.34 × 0.26 × 0.21	<0.01
42006	G/-2, 17737	Tiny. Irregular shape and angular edges. One edge is rounded. Weathered.	Turquoise, translucent, N/A	0.42 × 0.26 × 0.14	<0.01

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
42007	H/-5, 17702	Almost cuboid shape with rounded edges. The matrix is bubbly with some bubbles contained by only a thin layer of glass, making them appear as possible unfused quartz grains, although this is unlikely.	Turquoise, translucent, 312 M–313 M	0.78 × 0.65 × 0.53	0.32
42008	G/-2, 17737	Tiny. Elongated, irregular shape with angular edges. Weathered.	Turquoise, translucent, 307 M? (weathered)	0.7 × 0.27 × 0.18	<0.01
42009	H/-5, 17702	Small. Irregular, extended shape with a triangular section. Ripples on surfaces and tiny bubbles in the matrix.	Dark blue, translucent, 287 M	0.96 × 0.3 × 0.36	0.08
42010	G/-4, 17721	Tiny. Oval in shape with rounded edges. Weathered.	Turquoise, translucent, 3245 M	0.28 × 0.2 × 0.19	<0.01
42011	I/-2, 17669	Very small. Irregular shape with angular edges. Smooth and cracked upper surface. Underside is coated in a grainy material: possibly the remains of sandstone. Therefore, this fragment possibly represents the glaze of a banded, angular sandstone fragment from a firing structure.	Colourless with a light green tint, transparent, 7485 M	0.5 × 0.41 × 0.26	0.03
43077	Unknown	Tiny. Irregular shape with angular edges. Weathered.	Turquoise, translucent, 307 M–314 M	0.55 × 0.24 × 0.21	<0.01
43078	K/-5, 17614	Small. Roughly triangular with an irregular, tapering section. Somewhat weathered.	Turquoise, translucent, 314 M	0.49 × 0.41 × 0.16	<0.01
43215	Old spoil heap to the south-east of site	Small. Trapezoid shape with a rounded edge. Flat surface is only slightly rippled. Remains of parting layer on opposite face.	Turquoise, 631 M–632 M	1.24 × 0.78 × 0.22	0.27
43925	I/-2, 17670	Overall triangular/trapezoidal shape with angular edges. Parting layer on one surface, small fleck of possible ceramic material on adjacent face, possibly with parting layer. Most surfaces are heavily weathered, core glass is dark. Original colour discernible when shone through with light.	Dark turquoise-blue, translucent, N/A	1.3 × 1.2 × 1.05	1.39

Table 9.6 Glass rods.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness / Diameter (cm)	Weight (g)
40298	I/-4, 15628	Fragment of a possible glass rod. Translucent, dark blue with two stripes of opaque, pale blue/white running through the length of the fragment. Slightly rounded on one surface and broken off on all other surfaces, creating a triangular section.	Dark blue, pale blue, translucent, 295 M and 291 M (lighter-coloured stripes)	0.83 × 0.74 × 0.58	0.45
40305	G/-3, 15610	Curved fragment of dark blue, translucent yet copper-coloured glass rod. Broken at both ends, one end tapers. <i>pXRF: elevated Cu, Mn and Co, no Sb.</i>	Dark blue, translucent, 294 M	1.81 × 0.33–0.21 (diam.)	0.26
40306	I/-4, 15628	Circular section, tapered. Smooth surface. <i>pXRF: elevated Co and Mn, low Co, no Sb.</i>	Dark blue, translucent, 295 M	1.4 × 0.08–0.21 (diam.)	0.03
40308	H/-4, 15620	Broken at both ends. Circular section, very slightly bent about one quarter along the length of the rod. Weathered surface. <i>pXRF: Sb present, little Cu, elevated Pb.</i>	Yellow, opaque, 143 M	3.84 × 0.32 (diam.)	0.69
40313	H/-4, 15620	Short, both ends broken, with a circular section.	Dark blue, translucent, 281 M	0.46 × 0.43 (diam.)	0.11
40368	G/-4, 15655	Thin fragment of glass rod, mid blue. Weathered. Both ends broken. Circular section.	Mid blue, opaque, 285 M	1.32 × 0.15 (diam.)	<0.01
40369	H/-4, 15646	Twisted, with hook-shaped, tapering end. Both ends broken, no tool marks visible. Circular section.	Green, opaque, 3415 M	2.12 × 0.92 × 0.27–0.29 (diam.)	0.39
40370	H/-4, 15646	Short with a circular section. Angular breaks at both ends. <i>pXRF: little Sb detected.</i>	Dark blue, translucent, 280 M	0.74 × 0.32 (diam.)	0.09
40386	G/-3, 15658	Almost circular profile with slight indentation along the length of the rod. Slightly curved along its longest axis. Both ends broken off.	Dark blue, translucent, 281 M	1.93 × 0.35 × 0.39	0.43
40388	K/-4, 15664	Heavily weathered surface. Both ends broken off. Slightly flattened with an oval section.	Dark blue, opaque, 660 M	2.52 × 0.41 × 0.37	0.65
40389	K/-4, 15664	Fragment of glass rod end. The rod tapers towards one end and flares on the other end, with two indentations running down the length of the rod. The fragment is bent about 1 cm down the length from the wide end where a tool mark is visible. The wider end has been flattened slightly, while the tapered end remains almost circular in section. Both ends are broken off. <i>pXRF: little Sb, slightly elevated Mn. Some Co.</i>	Dark violet, translucent, 412 M (same colour as object no. 40395)	3.01 × 0.22–0.55 × 0.22–0.38	0.61
40391	K/-4, 15664	Slightly wider in the middle and tapers almost to a point at both ends. Slightly flattened in the central part, with a slight bend towards one side. <i>pXRF: no Sb detected. Some Cu and Co (low).</i>	Brown, translucent, 4645 M	3.13 × 0.18 (centre) × 0.14 (centre), 0.06 (ends)	0.09
40393	H/-4, 15657	Circular section, broken at both ends. Surface is weathered with white striations running the length of the rod.	Dark blue, translucent, 2746 M	0.75 × 0.44 (diam.)	0.22
40395	H/-4, 15646	Broken at both ends. Tapers slightly towards one end. Cracks visible throughout the matrix. Overall circular section. Same colour as object no. 40389.	Dark violet, translucent, 412 M	1.11 × 0.44–0.5 (diam.)	0.44
40397	H/-4, 15646	Slightly curved. The outer surface is weathered, although the glass appears dark brown/amber in colour when shone through with light. Broken at both ends. Circular section. <i>pXRF: no Co or Sb detected. Some Cu present.</i>	Light brown/amber, translucent, 2726 M (weathering)	2.37 × 0.25 (diam.)	0.24
40400	G/-4, 15609	Circular profile with one flat edge due to a break.	Dark blue, translucent, 2728 M	0.48 × 0.3 × 0.31	0.05
40420	H/-4, 15646	Fragment of a white glass rod with a thin red stripe running down the outer surface along its length. Both ends are broken. Circular section. <i>pXRF (white): elevated Ca, some Cu, Sb present.</i>	White, semi-opaque, with red stripe, 434 M and 1807 M	1.76 × 0.4 (diam.)	0.49
40440	K/-4, 15664	Broken in half along the long side. Convex, possibly polished surface. Possible chipping marks inside the break. Both short ends broken off.	Light turquoise, opaque, 317 M	0.84 × 0.55 × 0.33	0.19
40479	J/-4, 15662	About halfway along its length, the rod is bent at a 40-degree angle, curved slightly and tapers at the end. The straight half of the rod has been flattened slightly, while the other half has a circular section. The rod is broken at both ends. The surface is weathered and has a striation running along most of its length. <i>pXRF: no Sb detected, elevated Mn, some Cu.</i>	Dark violet, translucent, 5255 M	5.9 × 0.29 (wide end) × 0.2 (wide end)	0.74

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness / Diameter (cm)	Weight (g)
40487	K/-4, 15687	Broken at both ends. Flattened on one surface with an indentation running the length of the rod. <i>pXRF: some Sb detected.</i>	Dark blue, opaque, 288 M	1.39 × 0.34 × 0.23	0.17
40488	K/-4, 15686	Broken at both ends. Slightly flattened, surface is weathered. <i>pXRF: very little Sb detected. Slightly elevated Pb.</i>	Dark blue, probably translucent, 288 M	0.29 × 0.56 × 0.39	0.07
40489	J/-4, 15702	Very fine and curved trail of turquoise glass. Probably the end of a glass rod from bead manufacture. Circular section.	Turquoise, opaque, 310 M	0.37 × 0.07 (diam.)	<0.01
40490	K/-4, 15686	Broken at both ends. Slightly flattened due to a thin groove running along the outer surface, along the shortest length of the rod. <i>pXRF: low Sb detected, elevated Pb.</i>	Dark turquoise, translucent, 653 M	0.43 × 0.31 × 0.29	0.05
40491	J/-4, 15678	Broken at both ends. Heavily weathered surface: difficult to determine the original colour, although core glass appears violet through light. Possible off-centre perforation at one end. Very slightly flattened. <i>pXRF: elevated Mn, no Sb.</i>	Violet (?), translucent, N/A	1.24 × 0.29–0.32 (diam.)	0.18
40492	K/-4, 15686	Very thin. Circular section.	Mid blue, translucent, 285 M	0.49 × 0.09 (diam.)	<0.01
40493	K/-4, 15687	Broken at both ends and chipped towards one end. Circular section.	Dark brown, translucent, 478 M	1.18 × 0.3 (diam.)	0.2
40494	K/-4, 15673	Broken at both ends. Circular section. <i>pXRF: some Sb detected. Elevated Cu and Fe, little Co.</i>	Red, opaque, 188 M	1.68 × 0.26 (diam.)	0.21
40495	K/-4, 15664	Very thin fragment of blue glass rod. Slightly flattened.	Blue, translucent, 2726 M	1.14 × 0.05 × 0.08	<0.01
40496	K/-4, 15664	Heavily weathered, broken at both ends. Slight indentation running the length of the rod on one side. Overall circular section. <i>pXRF: no Sb detected. Probably translucent.</i>	Violet or dark brown (colour difficult to discern due to weathering), 645 M (weathering)	1.92 × 0.3 (diam.)	0.27
40497	K/-4, 15664	Straight with a circular section. Broken at both ends. <i>pXRF: no Sb detected.</i>	Dark blue, translucent, 2755 M	2.14 × 0.32 (diam.)	0.4
40498	L/-4, 15684	Broken at both ends. Tapers slightly towards one end. Circular section.	Dark violet-blue, 646 M	1.1 × 0.13–0.17 (diam.)	0.04
40506	K/-4, 15664	Broken at both ends. Overall circular section with a lateral groove and a triangular chip that has broken off one end. Tapers slightly. Some bubbles visible in the matrix. <i>pXRF: very low Sb. More Cu than Co.</i>	Dark blue, translucent, 281 M	0.64 × 0.48–0.51 (diam.)	0.21
40507	J/-4, 15679	Broken at both ends. Slightly thicker in the middle and tapers towards the ends, probably due to inclusions. Circular section. Weathered. <i>pXRF: no Sb detected, some Cu, slightly elevated Fe. Very little Co.</i>	Dark brown, translucent, 440 M	3.87 × 0.23–0.29 (diam.)	0.44
40511	J/-4, 15679	Broken at both ends. Circular section. Slightly curved and tapered at one end. <i>pXRF: no Sb detected.</i>	Dark blue, translucent, 289 M	1.01 × 0.18–0.22 (diam.)	0.05
40515	K/-4, 15685	Both ends broken. Slightly flattened on one surface. Slight indentation runs along the length of the flattened surface. Tapers very slightly towards one end. <i>pXRF: no Sb detected. Elevated Cu and Mn.</i>	Dark violet, translucent, 5115 M	1.08 × 0.38–0.43 × 0.32–0.38	0.25
40516	K/-4, 15687	Short fragment, broken at both ends. Slightly flattened along one face. <i>pXRF: no Sb detected. Probably Cu coloured (although little Co present).</i>	Light brown, translucent, 110 M (?)	0.82 × 0.38 (diam.)	0.25
40518	K/-4, 15687	Both ends broken. Tapers towards one end. Bent slightly in two places where tool marks are visible. <i>pXRF: no Sb, elevated Mn, some Cu.</i>	Dark violet, translucent, 5185 M	0.8 × 0.24–0.27 (diam.)	0.08
40528	K/-4, 15687	Very thin with a circular section.	Dark blue, translucent, 295 M	0.74 × 0.09 (diam.)	<0.01
40530	I/-4, 15630	Both ends broken. Flattened on one side to create an oval section. <i>pXRF: very little Sb detected.</i>	Dark blue, translucent, 280 M	1.36 × 0.26 × 0.19	0.13
40531	J/-4, 15710	Both ends broken. Slightly flattened, section is irregular and thinner towards one long edge. The surface is chipped towards one end and has lateral grooves. <i>pXRF: elevated Cu and Pb. Some Sb detected. Sn present.</i>	Green, opaque, 5545 M	1.43 × 0.4 × 0.25–0.3	0.25
40691	I/-4, 15755	Tapers considerably towards one end and then twists into a very slim hook at the end (which has now broken off). Striations visible along the straight part of the rod. Circular section.	Dark red-brown (amber), translucent, 1817 M	2.74 × 0.01–0.28 (diam.)	0.35
40692	I/-4 / I/-5, 15769	Tapers slightly along the length of the rod, towards one end. Slightly curved into an S-shape. Weathered. Rod is slightly flattened on one side due to an indentation. <i>pXRF: no Sb detected, slightly elevated Fe.</i>	Light yellowish brown, translucent, 126 M	5.22 × 0.32–0.41 × 0.29–0.36	1.21
40747	I/-4, 15630	Tiny fragment of a flattened glass rod. Oval section with one convex, smooth surface.	Dark blue, translucent, 654 M	0.25 × 0.5 × 0.25	0.04
40756	J/-4, 15679	Tiny chip of glass, possibly the tip of a glass rod. Roughly oval in shape with angular edges. One edge is rounded and smooth and appears to be original. Weathered.	Dark blue, translucent, 654 M	0.28 × 0.42 × 0.26	<0.01
40927	I/-4, 15778	One end broken straight, other end diagonal. Perforated and slightly flattened. <i>pXRF: little Sb detected. Low in both Co and Cu, slightly elevated Mn.</i>	Dark violet-blue, semi-opaque, 5275 M–5265 M	1.31 × 0.43 × 0.34	0.34
40928	I/-5, 15750	End fragment. Original, tapering end preserved, other end broken. Slightly bent, with a circular section. <i>pXRF: no Sb detected. Higher in Cu than in Co.</i>	Dark blue, translucent, 654 M	1.4 × 0.09–0.14 (diam.)	0.03
40929	H/-5, 15778	Both ends broken. Heavily weathered surface. Very slightly bent with a circular section. <i>pXRF: very little Sb, slightly elevated Mn. Some Cu.</i>	Light pink / violet, translucent, N/A	2 × 0.21 (diam.)	0.12
40930	I/-5, 15750	Both ends broken. Slightly flattened. <i>pXRF: some Sb detected. High in Cu.</i>	Dark blue, translucent, 287 M	1.75 × 0.4 × 0.26	0.35
40931	H/-4, 15656	Both ends broken. Broken in half along its long edge, the interior showing fine grooves from inclusions in the glass matrix.	White, semi-opaque, white (no equivalent)	0.95 × 0.44 × 0.34	0.19
40932	J/-4, 15704	Slightly twisted, bent and flattened. Both ends broken. Heavily weathered. <i>pXRF: very little Sb, some Cu and Mn, slightly elevated Fe.</i>	Light brown-green, translucent, N/A	2.08 × 0.39–0.44 × 0.26	0.35
40933	I/-5, 15750	Thick. Both ends broken. One deep lateral groove (0.06 cm deep) and shallower grooves on the surface. Irregular section. Weathered surface. <i>pXRF: no Sb detected. Some Cu and Mn.</i>	Brown, translucent, 146 M?	1.47 × 0.53 × 0.47	0.69
40934	H/-4, 15782	Both ends broken. Slightly flattened with an oval section. Heavily weathered.	Turquoise, opaque (?), N/A	0.58 × 0.34 × 0.29	0.08

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness / Diameter (cm)	Weight (g)
40935	I/-5, 15753	Both ends broken. Very slightly flattened and oval in section. <i>pXRF: no Sb detected, more Cu than Co.</i>	Dark blue, translucent, 654 M	0.98 × 0.34 × 0.3	0.17
40936	H/-5, 15758	Thick. Both ends broken. Heavily weathered. Probably translucent. Circular section. <i>pXRF: no Sb, slightly elevated Mn.</i>	Dark violet, translucent, N/A	0.76 × 0.59 (diam.)	0.34
40937	I/-5, 15750	Both ends broken. Circular section. Heavily weathered, original colour is probably light brown/amber (discernible when shone through with light), although the surface of the glass has weathered to appear light blue. <i>pXRF: high amount of Pb – possibly yellow? No Sb detected.</i>	Light brown / amber, translucent, N/A	1.23 × 0.22 (diam.)	0.1
40938	I/-5, 15753	Both ends broken and chipped. Circular section. Heavily weathered. <i>pXRF: no Sb, slightly elevated Mn, some Cu.</i>	Dark violet, translucent, N/A	2.73 × 0.27 (diam.)	0.34
40939	H/-5, 15758	Short and thin. Both ends broken. Very slightly flattened.	Dark blue, translucent, 653 M?	1.03 × 0.12 × 0.09	<0.01
40940	I/-5, 15750	Both ends broken. Slightly curved with an oval section. <i>pXRF: Sb present, elevated Cu, no Co.</i>	Turquoise, semi-opaque, 631 M	1.19 × 0.2 × 0.16	0.07
40941	I/-5, 15753	Small fragment. Both ends broken, straight. Circular section, weathered surface.	Turquoise, translucent, 639 M	0.88 × 0.16 (diam.)	0.04
40942	I/-5, 15753	Both ends broken. Circular section, very slightly bent. Heavily weathered.	Light pink, translucent, N/A	1.77 × 0.18 (diam.)	0.1
40943	I/-5, 15750	Short fragment, both ends broken. Slightly flattened.	Dark blue, translucent, 655 M	0.61 × 0.53 × 0.42	0.18
40944	H/-5, 15758	Both ends broken: one horizontally, the other diagonally. One long side chipped to create a flat section. <i>pXRF: some Sb detected. Elevated Cu.</i>	Dark blue, translucent, 653 M (weathering)	0.77 × 0.35 × 0.27	0.12
40946	H/-4, 15656	Both ends broken and chipped. Inclusions discernible. Circular section.	Dark violet, translucent, 5135 M?	0.88 × 0.42 (diam.)	0.25
40947	H/-4, 15762	Small fragment. Both ends broken. Circular section.	Dark blue, translucent, 654 M?	0.32 × 0.22 (diam.)	<0.01
40949	K/-4, 15628	Both ends broken, straight with a circular section.	Light turquoise, opaque, 630 M	0.7 × 0.13 (diam.)	0.04
40950	H/-5, 15778	Both ends broken. Two lateral indentations. Inclusions visible on the surface. Section is irregular and slightly flattened along one edge due to one of the indentations. Tapers towards one end. <i>pXRF: no SB detected. Higher Co than Cu.</i>	Dark blue, semi-opaque, 647 M?	1.91 × 0.33–0.37 × 0.28–0.3	0.35
40951	J/-4, 15679	Small fragment. Both ends broken. Slightly curved with a roughly oval section and one tapering end.	Green, opaque, 392 M	0.5 × 0.22–0.27 × 0.17–0.19	0.04
40952	I/-4, 15799	Both ends broken. Circular section. Heavily weathered towards one short edge.	Dark violet, translucent, 5135 M?	1.84 × 0.15 (diam.)	0.06
41519	K/-2, 17595	Straight, both ends broken. Circular section.	Dark violet, translucent, 5125 M?	2.12 × 0.23 (diam.)	0.21
41520	J/-3, 17504	Straight, both ends broken, one chipped. Oval section.	Dark violet, translucent, 518 M–519 M	1.11 × 0.28 × 0.23	0.13
41521	J/-5, 17515	Straight, both ends broken. Circular section. <i>pXRF: little Sb detected, Co-Cu coloured.</i>	Dark blue, translucent, 280 M?	1.51 × 0.37 (diam.)	0.36
41524	K/-2, 17577	Straight, both ends broken, one chipped. Many bubbles and a large inclusion visible, especially through the microscope. Oval section.	Dark brown or purple, translucent, 476 M?	1.67 × 0.35 × 0.31	0.33
41525	I/-2, 17550	Straight, both ends broken and chipped. Tapers slightly towards one end. Lateral grooves. Circular section. <i>pXRF: little Sb detected, some Co and Cu.</i>	Brown, translucent, 146 M	4.6 × 0.25–0.31 (diam.)	0.71
41526	K/-5, 17516	Straight, both ends broken. Dark inclusions visible. Circular section. <i>pXRF: little Sb, some Co, low Cu and Mn.</i>	Light brown-yellow, translucent, 131 M	4.03 × 0.4 (diam.)	1.09
41527	L/-2, 17611	Straight, both ends broken. Circular section. Weathered.	White / colourless, transparent, warm gray 1 M	1.31 × 0.45 (diam.)	0.47
41528	J/-5, 17515	Curved, both ends broken. Tapers slightly towards one end. Lateral grooves. Circular section. Heavily weathered to appear blue-grey. Original colour not discernible, although the break appears dark brown or violet when shone through with light. <i>pXRF: very little Sb detected, colour uncertain – small amounts of Cu and Co.</i>	Dark brown or violet, probably translucent, N/A	2.55 × 0.25–0.31 (diam.)	0.4
41529	L/-2, 17611	Curved and twisted, one end is original, the other end broken off. Tweezer mark visible on the original end. Oval section. Bubbles in the matrix.	Colourless, transparent, with light green tinge, 621 M	1.87 × 0.44 × 0.33	0.65
41530	J/-2, 17508	Slightly curved, both ends broken. Lateral groove. Circular section. Weathered.	Green, opaque, 554 M	1.51 × 0.37 (diam.)	0.37
41532	L/-3, 17512	Straight, both ends broken and chipped. Circular section.	Dark blue, translucent, 2758 M	0.8 × 0.22 (diam.)	0.06
41533	J/-3, 17515	End fragment, curved, both ends broken. Tapers towards one end. Irregular semi-circular section. Weathered.	Dark violet, translucent, 5125 M?	1.04 × 0.16–0.26 × 0.09–0.22	0.05
41534	L/-5, 17518	Short and thick, straight, split in half, both ends broken. Semi-circular section. Bubbles in the matrix.	Dark blue, possibly translucent, 654 M?	0.65 × 0.6 × 0.36	0.24
41535	L/-3, 17512	Straight, both ends broken and chipped. Small grains on the surface. Circular section.	Dark blue, translucent, 296 M	0.94 × 0.17 (diam.)	<0.01
41536	I/-3, 17503	Slightly curved and flattened, both ends broken. Lateral groove. Irregular semi-circular section. <i>pXRF: some Sb, more Cu than Co.</i>	Dark blue, opaque, N/A	0.68 × 0.5 × 0.35	0.19
41537	L/-4, 17517	Split in half. One end tapers and is bent. Flat and thin section. Small grains on the surface.	Dark blue, translucent, N/A	1.32 × 0.24–0.49 × 0.17	0.15
41540	G/-2, 17598	Possible glass rod, very small, both ends broken. Flattened, tapering and twisted. Weathered.	Blue, N/A	0.54 × 0.13–0.19 × 0.08–0.09	<0.01
41541	J/-5, 17515	Thin, slightly bent, both ends broken. Tapers towards one end. Circular section.	Dark blue, semi-opaque, 648 M–654 M	0.84 × 0.09–0.13 (diam.)	<0.01
41556	K/-5, 17554	Short, split laterally, both ends broken. Only a very small portion of body remains (originally circular section). Weathered.	Violet, translucent, 5135 M?	0.52 × 0.32 × 0.24	<0.01
41601	L/-3, 17576	End fragment, curved and twisted. Tapers towards one end; the thin end is almost original, although a small part has broken off. The other end is broken. Circular section.	Yellow, translucent, 1245 M	2.81 × 0.14–0.4 (diam.)	0.53
41603	L/-2, 17626	Straight, both ends broken. Lateral grooves. Small grains on the surface. Trapezoid section. <i>pXRF: no Sb detected. More Co than Cu.</i>	Dark blue, translucent, 280 M–287 M	0.94 × 0.41 × 0.33	0.25
41605	J/-5, 17515	Thin disc, both ends broken. Circular section. Possibly in preparation for inlay manufacture?	Colourless, transparent, with light green tinge, 622 M	0.18 × 0.43 (diam.)	0.05

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness / Diameter (cm)	Weight (g)
41623	K/-5, 17555	Thin, straight, both ends broken. Tapers slightly towards one end. Circular section. Tweezer marks visible at one end.	Turquoise, opaque, 325 M	0.73 × 0.15 (diam.)	<0.01
41716	G/-3, 17672	Straight, both ends broken. Bulges towards one end. Lateral grooves. Irregular oval section. <i>pXRF: little Sb detected. Co coloured.</i>	Dark blue, semi-opaque, 647 M–660 M	0.72 × 0.3 × 0.35	0.15
41717	J/-3, 17541	Thin, straight, broken at both ends. Circular section. Heavily weathered (colour not recognisable).	Beyond recognition, opaque?, N/A	1.13 × 0.15 (diam.)	<0.01
41747	I/-2 N, 17507	Straight, both ends broken. Lateral grooves. Small grains on the surface. Circular section. <i>pXRF: no Sb detected. Co coloured.</i>	Dark blue, translucent, 2747 M	3.15 × 0.44 (diam.)	0.95
41748	I/-2 N, 17507	Straight, both ends broken. Tapers slightly towards one end. Lateral grooves. Circular section. <i>pXRF: Sb present, elevated Pb. Little Cu detected.</i>	Yellow, opaque, 130 M	2.15 × 0.33–0.39 (diam.)	0.69
41749	H/-2 N, 17506	Straight, both ends broken. Lateral grooves. Small grains on the surface. Circular section. <i>PXRF: no Sb detected.</i>	Dark blue, semi-opaque, 541 M?	2.41 × 0.42 (diam.)	0.77
41750	G/-4, 17513	Straight, both ends broken. Lateral grooves. Small grains on the surface. Irregular oval section. Heavily weathered.	Dark blue, opaque, N/A	0.93 × 0.3 × 0.24	0.28
41823	G/-5, 17514	Short and thick, straight, both ends broken. Lateral grooves. Irregular oval in section. Weathered. <i>pXRF: some Sb detected. More Cu than Co.</i>	Dark blue, semi-opaque, N/A	0.49 × 0.48 × 0.39	0.16
41824	H/-5, 17519	Straight, both ends broken. Tapers slightly. Lateral grooves. Very faint red stripe (no Pantone) runs down one side. Circular section. Weathered and milky.	White, translucent, warm gray 1 M	2.7 × 0.28–0.42 (diam.)	0.56
41825	I/-2 N, 17704	Slightly curved and tapered, both ends broken. Oval section. <i>pXRF: little Sb, elevated Cu.</i>	Turquoise, translucent, 307 M	1.54 × 0.27–0.38 × 0.23–0.28	0.29
41826	H/-5, 17519	Straight, both ends broken. Circular section.	Red, opaque, 704 M	2.22 × 0.24 (diam.)	0.24
41827	K/-2, 17708	Thin, straight, both ends broken. Circular section.	Blue, translucent, 647 M	1.28 × 0.14 (diam.)	0.06
41828	H/-5, 17519	Straight, both ends broken. Circular section. Heavily weathered.	Turquoise, translucent, N/A	0.84 × 0.18 (diam.)	<0.01
41829	I/-2 N, 17534	Straight, one end broken, other end original and rounded. Circular section. Heavily weathered. Bubbles in the matrix (visible at the broken end). <i>pXRF: Sb detected. More Cu than Co.</i>	Dark violet-blue, opaque, 646 M	1.97 × 0.42 (diam.)	0.52
41926	H/-5, 17702	Short and thick, straight, both ends broken. Split laterally. Irregular semi-circular section. Lateral grooves.	Dark blue, translucent, 654 M	0.5 × 0.47 × 0.36	0.09
41941	G/-5, 17728	Slightly bent and flattened, both ends broken. Irregular oval section. Lateral grooves. Weathered.	Turquoise, translucent, N/A	2.15 × 0.25 × 0.18	0.14
41979	J/-2, 17734	Very thin, straight, both ends broken. A few small grains on the surface. Circular section. <i>pXRF: very little Sb detected. More Co than Cu.</i>	Dark blue, translucent, 653 M	1.61 × 0.15 (diam.)	0.06
41980	L/-2, 17626	Straight, both ends broken. Oval section. <i>pXRF: very little Sb, elevated Cu.</i>	Dark turquoise, translucent, Pantone Process Blue M	2.44 × 0.37 × 0.33	0.64
41982	G/-4, 17721	Straight, thin, both ends broken. Lateral grooves. Circular section.	Dark blue, opaque, 653 M (core glass)	0.66 × 0.14 (diam.)	0.03
41983	J/-3 / K/-3, 17668	Straight, split in half down centre, both ends broken. Half-circular section. Lateral grooves. Small grains at the surface. A dark red inclusion is visible at the break towards the centre of the rod. <i>pXRF: some Sb present. Elevated Cu.</i>	Blue, semi-opaque, 2935 M	1.06 × 0.32 × 0.29	0.11
41988	J/-3, 17691	Twisted and flattened, both ends broken. Bulges towards one end. Small grains on the surface. Flat semi-circular section. Weathered. <i>pXRF: some Sb detected but probably from weathering. Co and Cu almost equally present.</i>	Dark blue, translucent, 655 M	1.16 × 0.41 × 0.17–0.27	0.18
42014	H/-5, 17702	Curved, both ends broken. Tapers towards one end. Circular section.	Brown, translucent, 731 M	3.02 × 0.25–0.33 (diam.)	0.47
42016	H/-5, 17702	Very thin, straight, both ends broken. Circular section.	Dark turquoise, opaque, 3165 M	0.66 × 0.09 (diam.)	<0.01

Table 9.7 Glass bead wasters and ‘unfinished’ beads.

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Width × Thickness / Diameter (cm)	Diameter of aperture (mm)	Weight (g)
41435	J/-4, 15679	Flattened sphere bead, unfinished, with trails around both apertures. Heavily weathered surface. Parting layer uncertain.	Dark violet or amber, translucent, N/A	flattened sphere / FS2	0.5 (0.24 w/o trail) × 0.4 (diam.)	1.7	0.08
41452	J/-4, 15662	Originally for an extended sphere bead or cylindrical bead. Glass coils not fused; gaps between coils, through which the parting layer is visible and to which it adheres.	Dark blue, translucent, 2757 M–282 M	extended sphere or cylindrical (ES2/no type)	0.6 × 0.5 (diam.)	2	0.16
41454	J/-4, 15702	Thin ring (flattened sphere), larger drop on one side. No trails around aperture. Possible remains of parting layer inside the perforation.	Mid brown, translucent, 723 M–724 M	flattened sphere / FS2	0.5 × 0.4 × 0.1	2.2	0.04
41455	J/-4, 15679	Two small beads fused together or one oblong bead with a gap. Trails at both apertures. Parting layer discernible inside the perforation.	Dark blue, translucent, 2945 M	flattened sphere – FS2 / extended sphere – ES2	0.5 × 0.25 max. (diam.)	1.38	0.07
41458	K/-4, 15673	Tubular/cylindrical in shape with gaps between coils. Slightly irregular, one end more regular than the other. Heavily weathered. Possible remains of parting layer inside perforation.	Light green or amber, translucent, N/A	cylinder (no type)	1 × 0.4–0.45 (diam.)	2.17	0.17
41459	K/-4, 15669	Larger drop with trail on one side, rest of coil is a thin glass trail, i.e. a flattened sphere. Heavily weathered, probably light violet, translucent. Presence of parting layer is uncertain.	Light violet, translucent, N/A	flattened sphere / FS2	0.5 × 0.4 (diam.)	2.22	0.07
41460	G/-3, 15650	Gaps between unfused trails. Probably an intended oblong (extended sphere) bead. Remains of trails around both apertures. Possible remains of parting layer inside perforation.	Dark blue, opaque, 289 M	extended sphere / ES2	0.6 × 0.35 (diam.)	1.52	0.06
41461	H/-4, 15646	Two small, flattened sphere beads fused together, trails at both ends. Parting layer discernible in perforation.	Dark blue, translucent, 295 M	flattened sphere / FS2	0.9 × 0.4 (diam.)	1.64	0.16

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Width × Thickness / Diameter (cm)	Diameter of aperture (mm)	Weight (g)
41714	J/-2, 17563	Fragment of a possible extended sphere bead or a working piece. Convex, shiny surface, broken along perforation. Parting layer in perforation.	Dark blue, opaque, 654 M	extended sphere (?)	0.6 × 0.4 × 0.35	N/A (less than half of the bead preserved)	0.05
42959	L/-5, 17544	Trails at both ends; parting layer visible through translucent glass.	Dark turquoise, translucent, 633 M	sphere, 79K	0.6 (0.4 w/o trails) × 0.4 (diam.)	1.21	0.1
42968	K/-5, 17516	Slightly extended sphere with the remains of a trail at one end, other end slightly off-centre. Parting layer visible, surface weathered to appear grey.	Violet, translucent, N/A	(extended) sphere, 79K / ES1	0.45 × 0.35 (diam.)	0.53	0.1
43018	J/-2, 17634	Twisted, irregular half-coil with parting layer and very small bubbles in matrix. Possibly a working piece rather than a bead.	Blue, semi-translucent, 647 M–653 M	(no type)	0.6 × 0.4 × 0.19	1.92 (less than half of the perforation preserved)	0.04
43020	J/-5, 17622	Flattened sphere bead. Trails at both ends; surface mostly white opaque – weathered. Possible remains of parting layer.	Brown, translucent, N/A	flattened sphere, 79K / FS2	0.4 (0.24 w/o trails) × 0.4 (diam.)	2.1	0.07
43022	I/-2, 17704	One and a half coil of a ring/flattened sphere (?) bead, one trail clearly broken off. No parting layer visible.	Blue, opaque, 647 M	ring / flattened sphere	0.3 × 0.25 × 0.19	1.21	<0.01
43023	J/-5, 17572	Two coils, fused together on one side, which is flat, but detached at other side. Broken along perforation; bubbly matrix; parting layer in perforation; both ends have prominent trails. Possibly an intended acacia seed bead?	Turquoise, translucent, 313 M	acacia seed (?)	0.7 × 0.35 × 0.25	1.1	0.7
43025	K/-5, 17554	Waster of a flattened sphere: irregular full coil, twisted with trails fused together at ends; trails taper near ends and thicken towards centre.	Brown, translucent, N/A	flattened sphere	0.7 × 0.35 × 0.3 max.	c.1.0	0.06
43029	G/-4, 17721	One end with long trail; small gap between trails near larger circumference; parting layer clearly visible in perforation; one side weathered white.	Turquoise, translucent, 313 M	flattened sphere, 79K / FS2	0.5 (0.26 w/o trails) × 0.45 (diam.)	2.05	0.09
43032	G/-5, 17728	One trail very clear, the other partly polished off; parting layer visible in perforation; fine regular striations coiling around bead, possibly from polishing.	Dark blue, translucent, 654 M	(extended) sphere, 79K / ES1	0.5 × 0.4 (diam.)	1.3	0.08
43038	J/-5, 17622	Two half coils not completely fused together, forming a small fork. Probably an intended flattened sphere.	Turquoise, translucent, 306 M	flattened sphere	0.4 × 0.2 × 0.19	N/A (less than half of the bead preserved)	<0.01
43048	L/-2, 17610	Slightly irregular extended sphere bead with indent and large gap (incomplete fusing); one trail not completely polished off; slightly weathered. Probably close to Pantone 518 M, but impossible to define due to weathering.	Violet, semi-translucent, N/A	extended sphere / ES2	0.9 × 0.3 (diam.)	0.99	0.15
43049	I/-2, 17732	Four full coils forming a cylinder, glass trails not fused, gaps between trails. Possibly not a waster but worn as a segmented bead.	Dark violet, translucent, 261 M?	cylinder bead (no type)	0.8 × 0.5 max. (diam.)	1.9–2.48	0.17
43052	H/-5, 17702	Two half coils fused together, forming a tip; one thin, the other thick; weathered; parting layer at inner coils.	Violet, translucent, N/A	flattened sphere / FS2	0.4 × 0.3 × 0.19	1.73	<0.01
43053	H/-5, 17702	Bead waster consisting of two fused flattened spheres. Gaps between coils; faint remnants of parting layer.	Dark violet, translucent, 5115 M–5135 M	2x flattened sphere / FS2	0.4 × 0.4 (diam.)	2.11	0.05
43054	H/-5, 17702	Small sphere bead with very long trail forming more than one full coil, but not completely fused (large gap); slightly weathered, milky appearance. No parting layer discernible.	Light yellowish green, transparent, 7492 M (lighter)	extended sphere	0.7 × 0.3 max. (diam.)	0.38	0.05

Table 9.8 Glass bars.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40486	H/-4, 15646	Fragment of opaque turquoise glass bar. Broken at both ends and along the long edge, showing the perforation used to fold the bar. Rounded (and weathered) with two almost perpendicular flat surfaces. The fragment has a roughly triangular section. <i>pXRF: Sb present, elevated Cu and Pb.</i>	Turquoise, opaque, 325 M	3.85 × 0.47 × 0.32	0.94
40698	K/-4, 15779	Flat fragment of light green glass. Heavily weathered on both surfaces (Pantone 652 M). The fragment has a rough chevron-shape, with one pointed/tapered short edge and the other short edge slightly indented with two points protruding from the long edges. Two small portions of the long edges are original. No chipping marks are discernible; therefore, it is uncertain whether this bar was in the process of being worked. No perforation is discernible, indicating that the glass bar had not yet been folded over. <i>pXRF: elevated Cu. Sn and Sb present.</i>	Green, opaque or semi-opaque, N/A	2.56 × 1.93 × 0.22	1.74
40723	H/-4, 15782	Flat with a sharp trapezoidal section. The drawn and polished original surfaces can be seen on two edges; one of these is very small, while 1.03 × 0.19 cm of the opposite surface is preserved.	Dark blue, translucent, 7468 M	1.18 × 0.18 × 0.52	0.08
40727	H/-5, 15778	Fragment of a glass bar with flat surfaces. Triangular overall shape, rectangular section. No perforation discernible.	Dark blue, opaque, N/A	0.7 × 0.6 × 0.35	0.15
40918	H/-4, 15782	Fragment of a flat glass bar with an irregular shape, possibly from being worked into an inlay. Rectangular section without any discernible chipping marks. One original edge is preserved: rounded, and slightly curved with a triangular protrusion; the other edges have broken away (uncertain whether this was intentional). No perforation discernible in section. The surface is weathered. The intended shape is not discernible, although the piece could be the fragment of a <i>k</i> hieroglyph (Gardiner 1957: N29) if the short protrusion was intentional. <i>pXRF: some Sb detected, more Co than Cu.</i>	Dark blue, opaque, 653 M (core glass)	1 × 0.7 × 0.1	0.13

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40958	I/-5, 15750	Roughly triangular fragment of a glass bar with a rounded, short original edge, the section of which shows the fold. Both other edges are broken. The section is rectangular with a rounded edge. The fragment is weathered. <i>pXRF: Sb present, elevated Cu.</i>	Turquoise, opaque, 7459 M	0.79 × 0.61 × 0.49	0.26
41548	K/-2, 17577	Rectangular segment of a glass bar with two parallel original long edges and two broken short edges, one of which is perpendicular to the straight edges. The section is roughly rectangular with slightly rounded edges. No perforation or fold can be discerned. The surface and the edges appear to have been polished, possibly in preparation for inlay manufacture. Striations are visible on the surface, which is heavily weathered. <i>pXRF: high Sb. Co-Cu coloured with slightly elevated Mn.</i>	Dark blue, opaque, 533 M?	1.98 × 1.07 × 0.18	0.87
41549	K/-5, 17516	Irregular fragment of a glass bar with three broken edges and one long edge preserved. The section is irregular with the long edge slightly convex and rounded, possibly where the bar had been folded. The perforation is not discernible, while the fold can be made out. Both flat surfaces are heavily weathered and slightly blackened.	Pale green, opaque, 5575 M	0.7 × 0.5 × 0.15	0.15
41727	J/-5, 17515	Segment of a glass bar with an irregular shape: one original long edge is preserved, which curves off to become the rounded end of the bar. The other long and short edges are broken diagonally, revealing the fold, which is also visible in the curved edge, where the layers of glass have not fused properly. The perforation is not discernible in the section of the piece, although the curved ending has the remains of what may be a closed aperture where a copper-alloy rod may have been present. Both flat surfaces are heavily weathered, and they have striations(?). <i>pXRF: Sb detected. Co coloured. Slightly elevated Mn.</i>	Dark blue, opaque, 653 M?	2.1 × 1.1 × 0.41	1.14
41753	L/-4, 17517	Triangular fragment of a glass bar. The fragment is fairly thick, with only a short portion of a long edge preserved. The section is rectangular and contains bubbles, although neither a fold nor a perforation is discernible. The object is heavily weathered.	Green, opaque, 5767 M? (weathered)	0.75 × 0.72 × 0.34	0.27
41834	H/-2 N, 17565	Ending of a folded glass bar with a rounded, roughly rectangular section. Two original edges are preserved, one of which is straight, whereas the other one is rounded and curves towards the rounded ending of the bar. The curved long edge preserves a linear aperture where the two folds of glass meet and have not fused. A large (1.74 mm diam.) aperture is visible along the same edge, as discernible from the section. All edges are weathered and appear somewhat blackened.	Turquoise, opaque, 7458 M?	1.65 × 1.2 × 0.5	1.52
41939	I/-2 N, 17659	Roughly triangular fragment of a possible thicker glass bar (or an ingot fragment with an intact surface, although striations visible on the surface). One surface is flat, the other convex; the latter appears to have been chipped. The section is irregular and roughly rectangular. The surface is weathered.	Green, opaque, 555 M? (weathered)	1.1 × 0.9 × 0.59	0.48
41942	G/-5, 17728	Narrow glass bar with two preserved long edges and broken short edges, which reveal a central perforation. The section is rectangular with rounded edges. Striations and evidence of weathering visible on all surfaces.	Turquoise, opaque, 2915 M	0.59 × 0.4 × 0.22	0.05
41985	J/-3, 17593	Fragment of a broad glass bar with an irregular triangular shape. Flat with two broken edges. One long and straight (now the shortest) edge remains. The fragment has a rectangular section in which the fold is discernible. The perforation does not survive: this part has broken off. The bar is heavily weathered.	Green, opaque, 575 M?	1.6 × 2.2 × 0.19	0.93
42012	H/-2, 17702	Small, irregular fragment of a glass bar. One small section of a short, rounded edge preserved. Striations visible on the surface. The section is roughly rectangular with a possible fold discernible. A small aperture on one side may indicate the remains of the perforation, although it does not continue on the other side. The surface is heavily weathered.	Turquoise, translucent?, 351 M? (weathering: 444 M)	0.95 × 0.26–0.36 × 0.19	0.13

Table 9.9 Glass strips or ribbons.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40301	H/-4, 15620	Roughly rectangular in shape but broken off on the two shorter edges. One of the long edges is slightly thicker than the other, thus the section is irregular in shape.	Light turquoise, translucent, 304 M	0.78 × 0.4 × 0.07–0.1	0.4
40378	H/-4, 15646	Thin with parallel long edges. Short edges are broken diagonally. Rectangular section. Surface is weathered.	Turquoise, semi-translucent, 2915 M	1 × 0.185 × 0.74	0.04
40410	H/-4, 15656	Fragment of a flattened rod or a thicker strip. Flat surfaces with rounded edges, creating a rounded rectangle in section. Weathered surface.	Dark blue, opaque, 280 M	1.1 × 0.5 × 0.4	0.73
40499	K/-4, 15664	Fragment of a thin strip. Broken at both ends. Rectangular section. <i>pXRF: some Sb detected.</i>	Dark blue, semi-opaque, 288 M	1.44 × 0.23 × 0.08	0.05
40509	K/-4, 15687	One flat surface, slightly rounded on the other surface and sides, oval section. Smooth surface. Glass is now cracked due to weathering. <i>pXRF: no Sb, elevated Mn, some Cu.</i>	Dark violet, translucent, 2695 M	0.73 × 0.78 × 0.35	0.34
40524	K/-4, 15687	Flattened with slightly convex/rounded long edges, creating an irregular oval section. Broken at both ends. <i>pXRF: no Sb detected. High Mn and Cu.</i>	Dark blue-grey, translucent, 296 M	0.48 × 0.38 × 0.12	<0.01
40532	K/-4, 15628	Broken at both ends. Long oval in section. <i>pXRF: some (little) Sb detected.</i>	Dark blue, translucent, 653 M	0.56 × 0.4 × 0.1	0.06
40809	I/-4 / J/-4, 15759	Triangular with one original edge preserved. <i>pXRF: Sb present, elevated Cu.</i>	Turquoise, opaque, 631 M	0.51 × 0.48 × 0.16	0.03
40948	I/-5, 15753	Thin, both short ends broken. Surface is weathered. One edge is slightly thicker than the other. Section is roughly rectangular/irregular.	Light turquoise, translucent, 7457 M (weathered)	2.1 × 0.15 × 0.05	0.04
41502	Spoil from backfill	Strip or bar with two preserved long edges and broken short edges. The section is rectangular with rounded edges. A flat slit on one side of the section may indicate the remains of a perforation, although the opposite long edge is more convex than the latter. Striations and evidence of weathering visible on all surfaces.	Turquoise, semi-opaque, 631 M? (weathered)	0.8 × 0.7 × 0.19	0.23
41543	K/-2, 17577	Thin with two original long edges and two broken short edges (one broken diagonally). The section is slightly irregular because one long edge is slightly thicker/convex on one surface. No perforation or fold can be discerned. Striations are visible on the surface. <i>pXRF: little Sb detected. More Cu than Co.</i>	Dark blue, translucent, 654 M	0.75–1.5 × 0.66 × 0.07–0.18	0.2
41544	J/-5, 17515	Thin with two original long edges and two broken short edges. The section is slightly irregular because one long edge is slightly thicker/convex on one surface. No perforation or fold can be discerned. Striations are visible on the surface, which appears matte due to weathering. Appears opaque, but no Sb detected. <i>pXRF: black in appearance and elevated Mn detected. Also high Cu and no Sb.</i>	Black to dark blue, semi-opaque, 532 M?	1.48 × 0.58 × 0.11–0.16	0.29
41545	L/-4, 17517	Slightly wider with two broken short ends. The piece is flat with slightly rounded edges. The surface is heavily weathered.	Red, opaque, N/A	1.05 × 0.62 × 0.08	0.1
41546	J/-2, 17534	Thin with parallel preserved long edges. Section is a flat oval. Short edges are broken perpendicular to long edges. Striations are visible on both flat surfaces.	Turquoise, opaque, 631 M–7459 M	0.9 × 0.3 × 0.08	0.1
41547	K/-3, 17510	Straight and thin with two broken short ends. Both surfaces are shiny with striations and some inclusions. The two long edges are slightly convex, creating a slightly indented central part. The section is roughly oval except for the indentation.	Red, opaque, 188 M	1.87 × 0.35 × 0.1	0.17

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
41725	G/-2, 17655	Thin, slightly bent, one end tapers. Broken at one end; the tapering end may be original. Bubbles in the matrix. Weathered.	Dark blue, translucent, 661 M	1.24 × 0.21 × 0.1	0.04
41726	J/-5, 17624	Short, roughly triangular with one original long edge and two broken (one diagonal, one straight) short edges. The section is a slightly irregular oval because one long edge is slightly thicker/convex on one surface. No perforation or fold can be discerned. Striations are visible on the surface.	Dark blue, translucent, 2766 M–2747 M	0.2–0.54 × 0.71 × 0.24	0.1
41751	I/-2 N, 17507	Long and thin, folded with two original long edges and two broken short edges. The section is an irregular oval with one bulbous edge because glass is folded around the thin perforation along a convex long edge. Striations are visible on both surfaces. <i>pXRF: some Sb detected.</i>	Dark blue, semi-opaque?, 2758 M	1.9 × 0.45 × 0.1	0.34
41752	G/-4, 17513	Two original long edges and two broken short edges. The section is a slightly irregular oval because one long edge is slightly thicker/convex. The surface is heavily weathered with striations. <i>pXRF: some Sb detected.</i>	Dark blue, semi-opaque, 653 M	0.64 × 0.4 × 0.1	0.17
41938	G/-4, 17721	Small and triangular with one original long edge, which is rounded, and two broken short edges. The section is an irregular rectangle because of the rounded edge. Probably the fragment of a strip. Weathered.	Dark blue, translucent, 653 M	0.3 × 0.2 × 0.19	<0.01
41943	G/-4, 17721	Parallel preserved long edges. Section is slightly curved and flat with rounded edges. One short edge has broken perpendicular to long edges, other one is diagonal. Striations are visible on both flat surfaces, both of which are weathered.	Turquoise, translucent, 630 M–631 M	0.75 × 0.3 × 0.19	0.03
41986	J/-2, 17734	Parallel preserved long edges. Section is an irregular oval because one long edge is convex/rounded from folding. One short edge is broken perpendicular to long edges, other one is slightly diagonal. Striations are visible on both flat surfaces.	Turquoise, translucent, 631 M	1.25 × 0.44 × 0.12–0.16	0.18
41987	J/-2, 17734	Very thin with two original long edges and two broken short edges. The section is a slightly irregular strip because one long edge is slightly thicker/convex. Striations are visible on the surface.	Dark blue, translucent, 647 M	0.86 × 0.17 × 0.04	<0.01
42013	G/-5, 17728	Two original long edges and two broken short edges. The section is a slightly irregular oval because one long edge is slightly thicker/convex. The surface is lightly weathered with striations. <i>pXRF: very little Sb present. Both Co and Cu present.</i>	Dark blue, translucent, 660 M?	1.2 × 0.5 × 0.1	0.2

Table 9.10 Pierced glass rods.

Object no.	Provenance	Description	Colour description and Pantone	Dimensions (cm)	Diameter of perforation (mm)	Weight (g)
40693	G/-4, 15655	Circular section at one end, slightly flattened at the other. Latitudinally perforated – on one end the perforation is very wide, leaving only a thin layer of glass. Heavily weath-ered outer surface. One end has been worked and cut in preparation for bead production. The other end is drawn out and unworked. <i>pXRF: Sb detected. More Co than Cu.</i>	Dark blue, opaque, 534 M (polished end, weathered)	L=0.16, diam.=0.4–0.54	1.3	0.53
40945	H/-4, 15656	Fragment of a flattened glass rod, possibly intended as a glass inlay. Diamond-shaped section. Upper side is convex and shiny, bottom is angular and matte. <i>pXRF: Sb present. Co coloured. Elevated Pb.</i>	Dark blue, opaque, 653 M	0.53 × 0.48 × 0.33	N/A	0.16

Table 9.11 ‘Oven furniture’ and sherds made from Nile silt used as furnace filling.

Object no.	Provenance	Description	Length / Height × Width × Thickness (cm)
40063	Surface (German grid square M49, SE corner: most likely N49.38/39)	Heavily vitrified fragment of a possible ceramic vessel, probably a piece of oven furniture or filler. All edges appear to have been sealed by vitrification: two breaks appear to be younger. One surface is covered in grainy accretions in irregular patches (c.2 cm). The vitrification appears to have moved downward from this surface and curves around the edges without directly affecting the surface below. The latter surface also has grainy accretions, some of which (including one over a break) have turquoise frit (or heavily devitrified glass) adhering to it.	6.3 × 4.5 × 0.9–1.2
40360	I/-4, 15628	Rectangular fragment of red Nile clay. The fragment has a flat and almost straight surface with a thick rounded edge that runs perpendicular to the latter. The opposite edge is almost intact and may be slightly curved, although some indentations in the clay prohibit a definite identification. On one side, two ridges of clay have been set at 90 degrees to the flat surface, and these are damaged, revealing the black core of the Nile silt. They seem to have been formed by hand. The short edges adjacent to these ridges have broken away, indicating a continuation of the object. Possibly a stand used in the furnace (with ridges pointing downwards) or a saggar (with ridges pointing upwards). Cf. object no. 41071, although with less curved sides and wider. Purpose remains unknown: maybe the rim of a large vessel?	10.1 × 7.08 × 1.37
40448	I/-4, 15630	Fragment of a thick-walled ceramic bowl of Nile silt. About half of the inner surface is covered in a layer of black vitrification, which extends over an ancient break and onto a small area of the outer surface. Bubbles are visible in the vitrified material. The dividing line between the vitrified and non-vitrified material is very distinct and, on the inside, forms a semi-circle surrounded by fine bubbles, which is formed by the impression of a cylindrical vessel. This indicates that the sherd may have been used as a part-rest or stand for cylindrical vessels in an oven environment.	10.54 × 7.75 × 2.87
40642	I/-4, 15623	Fragment of a Nile silt bowl. The fragment is rectangular, and the edges are worn. One edge is covered in a dense layer of dark brown/black vitrified material with a drip, indicating the direction of flow. On both the inside and the outside of the bowl, and also around the lateral breaks, the vitrification follows a slightly rounded 90-degree angle, the remainder of the sherd being unvitirified. The vitrifica-tion on the outer face of the bowl is smooth, ending in a pointed tip (1.2 cm long, broken off), which had developed due to a vertical placement of the sherd in the fire. The vitrification on the inner face of the sherd is three-dimensional and more frothy, having accumulated against another object. This indicates that the unvitirified portion of the sherd had been protected, either by another object or by being set into a structure. The vertical flow of the vitrification indicates that the object may have been placed above the fire, such as being part of a dome, although this is uncertain.	7.92 × 4.27 × 1.20 (sherd), 2.08 (vitrification)
41071	I/-4, 15795	Fragment of red Nile silt. Flat on one surface with two ridges protruding from the other side (maximum 1.5 cm high). From the flat face, one edge tilts towards the protruding edges, and this has broken away, indicating that the object had been larger. The opposite edge is curved and intact. Both short edges are broken, revealing the black core of the Nile silt object and indicating the curved continuation of the object. Possibly a stand used in the furnace (with ridges pointing downwards) or a saggar (with ridges pointing upwards). Cf. object no. 40360. Purpose remains unknown: maybe the rim of a large vessel?	12 × 7.5 × 1–1.85
41908	G/-5, 17514	Fragment of technical ceramic. Outer surface somewhat eroded. Inside is light green from copper and vitrified. Nile clay with calcareous inclusions, but with only little organic and a lot of (very) coarse inorganic/sand temper. Outside is fired red, while more reducing atmosphere has penetrated up to c.1 cm from the interior (heat-exposed) surface. Vitrified layer (<1–3 mm) seems to be lying on top of the ceramic rather than originating from it (in one area filling up a crack). Vitrified layer is black with reddish grey tinge. On top of this, a light green corrosion layer is present, which follows the relief of the interior surface. More likely some kind of heat-exposed surface (brick?).	5.6 × 4 × 2.7

Object no.	Provenance	Description	Length / Height × Width × Thickness (cm)
41996	I/-2, 17732	Sherd of Nile silt, horizontally orientated, with vertical drippings of vitrification. Some copper alloy attached to one side: possibly a reused fragment of pottery (possibly type SH 9.4: S. Doherty; see chapter 5). The edge of the fragment exposed to high temperature: ceramic has melted and dripped down (vitrified ceramic broken and not completely preserved). A casting spill (green corrosion) is stuck to the edge of the fragment. Most likely some sort of furnace furniture.	2.9 × 3 × sherd: 1, vitrification: 0.6
41999	H/-5, 17702	Fragment, most likely of a cylindrical vessel. The outside is heavily vitrified and has creased because of the melting of the ceramic material. The one short, vitrified break (more shiny strip along edge: 2.7 × 0.75 cm), the fact that the vitrification can be observed in the old breaks and the overall black colour of the object indicate that the vessel fragmented before vitrification. Inside of the vessel is coated in parting layer, including one better-preserved patch (3.3 × 1.6 cm). Next to this is a small patch of dark blue glass (0.4 × 0.5 cm), although it appears to be located below the parting layer, so its nature is unknown. No layering discernible according to Smirniou and Rehren (2016).	7.2 × 4.7 × 1.05–1.6
42828	I/-2 N, 17659	Possible body sherd from a storage jar. Non-diagnostic. Outside is vitrified and blackened along one edge. Vitrification goes around two ancient breaks. Inside is slightly darkened. Outside has one possible curved edge between the vitrification and the unvitirified clay, which match the diameter of a cylindrical vessel so it may have been used as a stand in a furnace. A diagonal patch (3.2 cm width) of green discoloring runs from the vitrification to the unvitirified clay in an arch, and this may have occurred at a later stage or while removing the cylindrical vessel.	N/A × 7.9 × 1.7 max.
42939	I/-4, 15630	Possible base of an oven or furnace of fired Nile silt. Flat, vitrified surface and rounded, convex base(?), which is not vitrified but fired. Some erosion possible on base but uncertain. May therefore also have been a wall fragment of a furnace, but no obvious direction of movement visible in vitrification.	11.7 × 8.6 × 4.7
43207	H/-4, 15620	Almost rectangular fragment of Nile silt, probably initially a bowl. Both sides heavily vitrified except around one edge where the corner is rounded (probably artificially ground to form a round edge). The vitrification on the upper side follows a curve; on the lower side, the division is straight and runs diagonally across the sherd. The divide appears to mark the border between the part of the sherd that was held between two bricks or layers of clay in the furnace, with the vitrification protruding into the fire. The vitrification on the upper side is bubbly but abraded and black and purple. One corner retains a (linear) patch of light green/grey glassy material. The unvitirified portion of the sherd on its lower side retains small patches of a red slip. The vitrification is bubbly, but less so that on the upper part of the sherd, and also abraded. The vitrification has affected the entire thickness of the sherd, covering one short side. The long side appears to have been broken off since the original surface of the vitrification is no longer visible here.	6 × 3.9–4.65 × 0.9–1.1

Table 9.12 Glass extracts and glass objects with tool marks.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40310	H/-4, 15620	Broken off at the narrow (rod) end, which is flattened and irregular in shape. Drop end is intact. The glass drop has been folded into the centre from both sides, creating an overlap down the middle on one surface. On the other surface, there are ridges along the length of each edge with a slight concavity between them. Tool marks are discernible. <i>pXRF: Sb present, elevated Pb.</i>	Yellow, opaque, 143 M	2.06 × 0.34 (rod)–0.76 (drop) × 0.22 (rod)–0.57 (drop)	0.54
40315	H/-4, 15607	Droplet. Roughly oval in shape with rounded edges. Fairly flat. One edge seems to be folded towards its other edge, with discernible tool marks. Remains of two flat and thin extremities where the rod or strip has broken away from the drop.	Dark blue, translucent, 2757 M	0.8 × 0.63 × 0.28	0.1
40320	G/-3, 15610	End of a glass extract. The rod has broken off. Overall roughly oval in shape and fairly flat. A section has broken off from one edge. One edge has been folded back on top of the other, creating an S-shaped ridge on both surfaces. Tool marks discernible. <i>pXRF: Sb detected. Elevated Cu and Pb.</i>	Turquoise, opaque, 631 M	1.19 × 0.62 × 0.3	0.25
40414	G/-4, 15609	Drop of glass at the end of a thin, tapered rod. Darker colour and slightly opaque at the bulbous drop end. Droplet end: 1.2 (L) × 0.7 cm (W). Rod: 2.2 (L) × 0.1 cm (T). The back of the drop is flattened, and the bottom part has been bent to the front at an angle where a tool has left an impression on the glass. The bottom of the drop is slightly uneven and chipped or broken off. <i>pXRF: little Sb, elevated Cu, no Sn.</i>	Turquoise, translucent, 3145 M	3.37 × 0.67 (drop end), 0.09–0.21 (rod) × 0.22–0.55 (drop), 0.07–0.12 (rod)	0.49
40513	J/-4, 15679	Irregularly shaped drop or globule. Convex, slightly folded surfaces next to a larger drop. Broken on one edge, probably where the glass has dripped; core glass is discernible. Outside surfaces are heavily weathered. <i>pXRF: very little Sb so probably translucent.</i>	Dark blue, translucent?, 653 M	2 × 1.09 × 0.67	2.25
40514	J/-4, 15662	Roughly oval in shape with rounded edges. Broken end where it has broken off from a rod. Both surfaces have folds and bends, together with tool marks in the glass fabric from the glass working process. The surface is weathered but small areas of iridescence are visible. <i>pXRF: elevated Cu and Pb. Sb present.</i>	Turquoise-green, opaque, 344 M	1.23 × 0.8 × 0.32	0.36
40519	J/-4, 15679	Very thin fragment of rod with a tapering end and a flaring end.	Turquoise, translucent, 3115 M	0.76 × 0.04 (rod), 0.10 (globule, diam.)	<0.01
40520	J/-4, 15679	Roughly oval (irregular) in shape with a surface that has many ridges, dips and twists. The piece appears as if it was formed from a glass rod that was melted and then dropped in coils. Underside is concave.	Brown, translucent, 4695 M	0.82 × 0.76 × 0.45	0.19
40521	J/-4, 15679	Rod end has broken off, although a thin strand remains. The end of the drop is also broken. The drop has been folded along its length, where several indentations are visible. The surface of the glass is weathered with several grooves. <i>pXRF: some Sb detected.</i>	Dark blue, opaque, 294 M	1.59 × 0.65 × 0.27	0.25
40915	H/-4, 15778	Irregular shape created by a thin glass strip that has been folded over, probably by means of a metal tool. The strip is slightly thicker on one side. <i>pXRF: very little Sb. Low in Co and Cu, slightly elevated Mn.</i>	Dark violet, translucent, 5255 M–5265 M	0.68 × 0.38 × 0.4 (overall), 0.075–0.23 (strip)	0.1
40954	I/-4, 15799	Irregular oval in shape with one flat, broken edge, probably where a glass rod or trail has broken away. The other edges are rounded. Both surfaces are flat and have shallow tool marks. The surface is weathered. <i>pXRF: no Sb detected, some Cu, slightly elevated Mn.</i>	Dark violet, translucent, 5125 M?	1.05 × 1.27 × 0.38	0.81
40955	I/-4 / I/-5, 15769	Lower (drop) part of an extract. The rod part and the top of the drop have broken off. The drop is fairly thin and bent in places, with visible tool marks. <i>pXRF: no Sb detected. Higher Co than Cu. Slightly elevated Mn.</i>	Dark blue, translucent, 2757 M	0.63 × 0.72 × 0.5 (overall), 0.15 (drop surface)	0.13
40956	H/-4, 15782	Irregular, slightly elongated shape with one flaring end. The drop part has broken off along the upper edge, only a section of which remains. The violet core glass is visible in the break. A thin strand of glass remains from the rod that has broken away. Heavily weathered, iridescent. <i>pXRF: no Sb, elevated Mn, some Cu.</i>	Violet, translucent, 504 M–532 M (core glass)	1.16 × 0.84 × 0.14 (rod), 0.31 (drop)	0.2
40957	J/-4, 15727	Rounded sides with a linear break at one end where the top section of the drop and the rod have broken off. Tool marks visible on the surface. Weathered. Core glass is turquoise, opaque. <i>pXRF: Sb present, elevated Cu.</i>	Turquoise, opaque, 2925 M	0.56 × 0.97 × 0.17–0.41	0.2
40959	H/-5, 15758	Glass lump, irregular, angular shape with tool marks. Three protruding angular ends (or fragments that have fused together), each broken off from another piece. Weathered surface. <i>pXRF: no Sb, elevated Cu and Mn.</i>	Dark violet, translucent, N/A	1.78 × 1.52 × 1.12	1.5

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40960	I/-3, 15732	Irregular shape and fairly flat. One long edge has broken off; the other edges are rounded. The surface is heavily weathered with the green core glass visible where the patina has disappeared. <i>pXRF: more Co than Cu. Very high Fe, no Sb despite being opaque: working waste?</i>	Green, uncertain opacity, N/A	1.21 × 0.47 × 0.3	0.04
40961	I/-4 / J/-4, 15710	Roughly oval in shape with a convex and a concave surface and rounded edges. A deep and rectangular tool mark (0.51 × 0.2 cm) is discernible in the centre of the convex surface. The rod or trail has broken off, but original location indicated by a short, broken section of glass at one short edge. The surface is weathered.	Dark turquoise, translucent, 301 M	1.32 × 0.73 × 0.15 (rod), 0.43 (drop)	0.39
40962	H/-4, 15782	Overall shape is an irregular oval with remains of a slightly twisted rod protruding from one edge. The drop is intact and has two fairly flat surfaces, both of which display linear tool marks. The edges are rounded. The surface of the piece is weathered. <i>pXRF: no Sb detected. Elevated Cu and Fe, no Co.</i>	Light yellowish brown, translucent, 465 M?	2.48 × 0.31 (rod), 0.79 (drop) × 0.26 (rod), 0.22–0.34 (drop)	0.64
40963	I/-5, 15761	Bulbous edges with separating grooves. Flat surface, possibly where a glass rod has broken off, although this is uncertain since this surface is smooth. The surface is heavily weathered, probably dark blue, opaque, although uncertain. Probably waste from glass working. <i>pXRF: some Sb detected. Higher Cu than Co.</i>	Dark blue, opaque, N/A	0.78 × 0.64 × 0.48	0.28
41719	G/-2 N, 17505	Rounded end of a glass extract. Tool marks are visible on one surface. May be folded. The surface is weathered. Crest-shaped.	Dark blue, opaque, N/A	1.01 × 0.43 × 0.2	0.16
41720	I/-2, 17565	Glass extract, possible end, both ends broken. Flat, bent and tapering. Turquoise and translucent with a white, opaque strip on the concave surface. A few bubbles in the matrix. Red material adhering to the concave surface.	Turquoise, translucent, white (opaque), 307 M and white	0.86 × 0.25–0.58 × 0.13–0.28	0.14
41721	K/-5, 17516	Possibly folded. Tool marks visible. Bubbles in the matrix. Heavily weathered.	Turquoise, translucent, 320 M	1.03 × 0.7 × 0.4	0.18
41722	J/-5, 17572	Broken edges. Folded. Perforation line visible. Bubbles in the matrix. Weathered. Greenish tint. <i>pXRF: little Sb detected, little Cu, Co and some Fe.</i>	Colourless, transparent, with light green tinge, 621 M	1.74 × 0.47 × 0.29	0.21
41723	I/-2, 17659	Part of a glass rod, although the bulbous tip has broken off. Flat and tapering. The section is slightly flattened where the piece was manipulated by means of a tool. The surface is heavily weathered and displays striations.	Turquoise, translucent, 638 M	1.02 × 0.19–0.45 × 0.14–0.17	0.1
41724	J/-5, 17515	Both sides broken. Straight and tapering towards one end. Flat (oval in section). Two lateral grooves. <i>pXRF: some Sb detected. More Cu than Co. Slightly elevated Mn.</i>	Dark blue, opaque, 653 M–654 M	0.83 × 0.42–0.57 × 0.13–0.28	0.15
41830	J/-5, 17515	Weathered. Flattened base, trail at the top, so probably not broken. Roughly cylindrical shape.	Turquoise, opaque, N/A	0.81 × 0.54 × 0.44	0.16
41984	I/-2, 17732	Lower part broken away. Tapering. Trail at the top, central void visible and tool marks visible. <i>pXRF: Sb detected. More Co than Cu.</i>	Dark blue, opaque, 281 M	1.3 × 0.1–0.7 × 0.1–0.4	0.23

Table 9.13 Other working pieces of glass.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40324	I/-4, 15628	Glass drop, possibly from an extract. Irregular oval in shape with a convex and a flat surface and rounded edges. One rounded, tapered edge is slightly irregular in shape, possibly where the drop has broken away from a rod or a drip, the break having melted to a round shape. The drop appears to have formed on a ceramic object; remains of ceramic material adhere to the flat surface. Heavily weathered with only patches of the turquoise core discernible through the weathered surface. Possible tool mark discernible on the convex surface. Single drop of light green glassy material towards the tapered edge. <i>pXRF: little Sb, elevated Cu.</i>	Dark blue, translucent?, 294 M (weathering)	1.47 × 0.99 × 0.57	0.89
40411	H/-4, 15656	One convex and once concave surface – the chip is slightly curved across its surface as if it was wrapped around something. Weathered.	Turquoise, translucent, 311 M	0.29 × 0.25 × 0.08	<0.01
40416	H/-4, 15646	Curved rod. One end is tapered. The other end is bent over and flattened, and it flares out because it was pinched or cut off. Tool marks are visible. The tapered end and the largest part of the rod have a circular section.	Dark blue, opaque, 281 M	3.51 × 1.35 (overall), 0.51 (flared end) × 0.23 (flared end), 0.14–0.37 (rod diam.)	0.036
40485	K/-4, 15664	Overall irregular oval in shape with angular edges. One surface is concave and smooth. The other surfaces are fractured.	Dark blue, translucent, 2767 M	0.69 × 0.48 × 0.46	0.12
40505i	J/-4, 15679	Segment of a slightly flattened rod with an oval section and two broken ends. Tapers very slightly towards one end. Heavily weathered with many surface cracks. Appears iridescent.	Dark blue, translucent, 287 M	0.68 × 0.56 × 0.45	0.32 total
40505ii	J/-4, 15679	Segment of a flattened rod with an irregular oval shape and two broken ends. Tapers slightly towards one end. Slightly bent with a visible tool mark. Heavily weathered with many surface cracks. Appears iridescent.	Dark blue, translucent, 287 M	0.73 × 0.58 × 0.29	0.32 total
40512	K/-4, 15685	Fragment of dark brown-violet rod with another tiny section of rod fused parallel to one end. Both ends of both rods are broken, and both appear to have circular sections. <i>pXRF: very little Sb, some Cu, elevated Mn.</i>	Dark brown-violet, translucent, 7519 M	0.77 × 0.62 (both rods together) × diam. 0.39 (main rod), 0.32 (fused rod)	0.22
40523	J/-4, 15662	Slightly irregular oval shape with an undulating convex surface and a concave surface created by a folded glass strip. One edge is flat and slightly tilted towards the concave side of the piece, while a short and thin edge of glass strip protrudes from the other edge.	Green, opaque, 385 M	0.96 × 0.52 × 0.10–0.34	0.12
40525	K/-4, 15687	Irregular shape and a curved surface. One small part of the surface has curled into a loop. A thin strand of glass protrudes from one edge, possibly where the rod was broken off.	Dark blue, opaque, 2935 M	0.6 × 0.45 × 0.08	<0.01
40526	J/-4, 15704	Roughly triangular shape with one tapering and one flaring end. The thinnest end is slightly curved.	Light turquoise, translucent, 319 M	0.7 × 0.24 × 0.08	<0.01
40529	K/-4, 15664	Very thin and curved across its width, roughly triangular in shape. Both ends are broken.	Turquoise, opaque, 298 M	0.81 × 0.26 × 0.03	<0.01
40575	J/-4, 15754	Flattened ball. Circular, flattened on one side with a convex upper surface. A black line and a small, reddish-coloured bubble visible in the matrix on the underside. Polished smooth and still shiny. Possibly an inlay or a gaming piece?	Green, opaque, 555 M	0.55 (T), 0.89 (diam.)	0.67
40605	I/-5, 15753	Fragment of a flattened rod with an oval section, which is slightly curved along its length. One end tapers. Broken at both ends. The glass is heavily weathered and possibly originally violet or amber in colour. <i>pXRF: very little Sb. Some Cu and Mn (not elevated), very little Co.</i>	Dark violet, translucent, N/A	2.12 × 0.48–0.63 × 0.33	0.6

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40755	J/-4, 15754	Tiny. Roughly triangular with one rounded, convex surface. Break has possible impression of a tool. Heavily weathered, iridescent.	Dark blue, translucent, N/A	0.4 × 0.48 × 0.25	<0.01
40770	K/-4 / L/-4, 15689	Small, irregular in shape with angular edges and two possible original surfaces, which are convex and irregular with grooves. <i>pXRF: no Sb detected. More Co than Cu.</i>	Dark blue, translucent, 2756 M	0.49 × 0.7 × 0.37	0.1
40774	H/-4, 15762	Small fragment, probably a working piece or waste from working. Trail of glass curves around what may be remains of parting layer. Possibly from bead production.	Dark violet-blue, opaque, 646 M	0.51 × 0.34 × 0.17	<0.01
40789	K/-4, 15687	Small chip. One surface is intact, convex and rounded; the other is flat with ceramic material adhering to it. Half-circle in section. With one angular and one tapering edge. Possibly a by-product of bead production (marvering). <i>pXRF: no Sb detected, elevated Cu.</i>	Turquoise, translucent, 2955 M	0.39 × 0.4 × 0.25	0.07
40854	G/-3, 15763	Tiny chip. Irregularly shaped with a concave surface and tapering edges. Small patch of parting layer on a concave perforation.	Turquoise, translucent, 338 M?	0.5 × 0.37 × 0.25	<0.01
40856	H/-4, 15646	Working piece or waste from vessel or bead production, or an extract. Irregular shape with a convex surface and angular edges. The opposite surface is slightly concave with either an impression of a metal tool or the remains of a parting layer (heavily weathered; appears black). The colour of the object changes from white to a very pale green.	White, opaque, with light green tinge, 621 M	0.77 × 0.63 × 0.15–0.25	0.12
40860	I/-5, 15753	Irregular shape. Flat with one convex surface and one concave side that appears to have either remains of parting layer or a tool mark. Weathered.	Green, opaque, 342 M?	0.7 × 0.3 × 0.13	0.06
40906	K/-4, 15664	Probably a working piece or waste. Roughly triangular with two broken, angular edges and one convex, curved edge. Heavily weathered and degraded, core glass visible in break. Fits with object no. 41066. <i>pXRF: some Sb detected, elevated Cu, no Co.</i>	Turquoise, opaque, 2925 M	0.97 × 0.95 × 0.53	0.41
40919	I/-5, 15753	Irregular, oblong shape. The glass was probably twisted around a metal rod since it is open on one long side, displaying a concave cavity. The surface of the glass has weathered to a greenish, opaque colour, although the core is red and opaque (as observed through microscope).	Red, opaque, N/A	0.99 × 0.41 × 0.31 (overall), 0.16 (strip)	0.08
40920	I/-5, 15753	Lump or drop. Irregular oval in shape with rounded edges. Probably working waste. Heavily weathered. Core glass is possibly blue in colour.	Blue?, N/A	0.58 × 0.49 × 0.46	0.17
40922i	H/-4, 15762	Irregular shape with thin edges, folded roughly in half. Tool marks visible. Very brittle, heavily weathered.	Blue, translucent, N/A	0.69 × 0.63 × 0.13 (edges), 0.32 (overall)	0.15
40922ii	H/-4, 15762	Irregular shape with thin, angular edges. Very brittle, heavily weathered.	Blue, translucent, N/A	0.47 × 0.3 × 0.16	<0.01
40922iii	H/-4, 15762	Irregular shape with angular edges and one round edge. Very brittle, heavily weathered.	Blue, translucent, N/A	0.3 × 0.22 × 0.24	<0.01
40925	H/-4, 15782	Roughly triangular with an irregular, open side where the glass has been folded over. The cavity is formed by a metal tool, the impression of which can be made out. One end is pointed, while the sections of folded glass are thin and tapered. The surface is weathered. <i>pXRF: very little Sb. More Co than Cu.</i>	Dark blue, translucent, 534 M	1.11 × 0.05–0.71 (overall) × 0.47 (overall), 0.07 and 0.08 (strips)	0.12
40926	H/-4, 15782	Twist with one convex and one concave surface and two broken edges. Probably from an extract or sampling. Overall irregular shape. No tool marks visible. Surface is weathered.	Dark violet, translucent, 5255 M (weathering)	0.45 × 0.92 × 0.28	0.13
40953	J/-4, 15905	Roughly trapezoid strip that may have been folded around a metal rod (impression and parting layer visible). One short edge is broken, the other one has been cut off: tool marks visible. The back has been flattened and has an indentation. Possibly from bead manufacture. <i>pXRF: small amount of Sb detected. Elevated Cu.</i>	Dark turquoise, translucent, 7469 M	0.9 × 0.93 × 0.23 (back strip), 0.53 (overall)	0.33
41066	K/-4, 15664	Roughly triangular in shape. One broken edge, rounded original edges, heavily weathered. Core glass is turquoise, opaque. Fits with object no. 40906.	Turquoise, opaque, 2925 M	0.72 × 0.66 × 0.56	0.22
41456	J/-4, 15679	A semi-circular trail, probably from bead manufacture. Probably working waste since the coil is not even. Circular section. Internal diameter is 0.22 cm. No parting layer discernible.	Violet, translucent, 5135 M–5145 M	0.4 × 0.22 (overall) × 0.11 (diam.)	<0.01
41474	J/-4, 15704	Small, spherical, drop with convex sides. Very slightly flattened on one side.	Dark blue, opaque, 654 M	0.36 (T), 0.43 (diam.)	0.08
41538	J/-5, 17572	Thin, curved, both ends broken. Object is split in half along its long side; the original and the broken edge are curved: this could either be a rod or a different type of working piece. Semi-circular section. The outer surface is heavily weathered.	Dark blue, translucent, 303 M?	0.77 × 0.15 × 0.09–0.13	0.05
41542	K/-2, 17577	Small fragment of ceramic material with a drop of dark blue, opaque glass adhering to it. Tiny turquoise grains are visible on the surface. Possibly waste material.	Glass: dark blue, opaque, 541 M?	0.93 × 0.76 × 0.45	0.22
41562	J/-5, 17515	Irregular shape with rounded original edges and angular edges where broken. Tool marks may be visible. Possible spillage due to convex indentation on one side and flow direction indicated by large, rounded drip. Very bubbly matrix. <i>pXRF: no Co, low Cu, no Pb, little Sb present.</i>	Colourless, transparent, with a light green tint, 7464 M	1.41 × 1.93 × 0.76	1.65
41604	L/-2, 17626	Fragment of a rod or bar with perforation showing in break. Broken through longitudinal section (semi-circular section).	Turquoise, opaque, 2985 M	0.74 × 0.57 × 0.25	0.1
41718	J/-5, 17624	Broken at both ends. One convex and one concave surface. Crest-shaped section. Tapers towards one end. Bubbles in the matrix. Weathered.	Green, translucent, N/A	0.9 × 0.6 × 0.31	0.13
41945	G/-4, 17721	Tubular, concave inside with remains of parting layer. Tapering towards one end. Semi-circular section. Probably remains from glass-working activity, from wrapping the glass around a metal tool.	Dark blue, translucent, 654 M–655 M	0.8 × 0.43 × 0.17–0.26	0.1
41981	J/-2, 17734	Outside is convex, appears as a rod, but inside is concave with a possible tool impression as if the glass had been curved around a metal object. Grey and red residue on the concave surface. Semi-circular section. <i>pXRF: very little Sb detected. More Co than Cu.</i>	Dark blue, translucent, 281 M	0.77 × 0.53 × 0.24	0.13
41994	J/-3, 17691	Slightly angular, white outside, concave inside, with green coating (traces of turquoise material visible on the surface of the green glass). Either a fragment of a large bead or a vessel. Heavily weathered.	White and light green, N/A	0.54 × 0.46 × 0.37	0.12
42017	H/-5, 17702	Convex outside, heavily weathered. Original dark blue colour discernible through microscope. Concave inside with one flat surface, possible tool marks and green patina from bronze. Similar to object no. 41969 but no fit.	Dark blue, N/A	0.8 × 0.71 × 0.26	0.17
42966	J/-5, 17515	Ball, flattened on one side with a slight depression in the centre. Weathered.	Very dark blue or black, opaque, N/A	0.72 × 0.67 × 0.55	0.37

Table 9.14 (Possible) ceramic objects and reused sherds used as tools in glass working. All made from Nile silt.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)
40351	H/-3, 15608	Small, non-diagnostic fragment of a ceramic tool, a reused (probably body-) sherd. One semi-rounded edge may have been intentionally flattened and eroded. Flat, possibly from a bowl. One side has two drops of pale blue and turquoise glass adhering to it, approx. 0.5 cm in diameter each. Another small drop can be discerned on one break.	Glass: dark blue / turquoise, N/A (pale blue); 303 M (turquoise)	3.05 × 2.85 × 0.97
40598	I/-5, 15753	Reused sherd from a vessel, possibly a bowl. Broken on all edges. Small patches of turquoise glass along one edge. The largest area of glass (0.4 × 0.3 cm) is iridescent.	Glass: dark turquoise, 315 M	1.5 × 2.48 × 0.73
40612	H/-4, 15762	Fragment from the rim of a ceramic vessel, reused as a tool. Most of the rim has eroded. Two small patches (maximum 0.5 × 0.35 cm) of blue glass are attached to the inner rim. <i>pXRF (glass): some Co, elevated Cu, no Sb, some Pb.</i>	Glass: dark blue, 2955 M	2.26 × 2.89 × 0.9
40624	J/-4, 15704	Flat fragment with several lime inclusions. Piece has been fired, but not exposed to extreme furnace heat. Two of the edges are original. These are straight and meet at a rounded 90-degree angle. The third edge is broken off. A small patch of a yellow, calcareous (lime) slip (1.1 × 0.8 cm) adheres to one surface. The other surface is covered in a similar (or same) substance (parting layer?). A drop of dark turquoise glass (with red patches, and further remains of glass where it has broken off, 0.8 × 0.8 cm) adheres to the piece on the side coated in the calcareous slip, near the outer corner of the fragment. A straight line runs almost parallel from one of the two preserved edges to the break, ending next to the dark turquoise drop of glass, creating a ledge that is slightly higher on the side nearest the edge. Possibly a glass-working tool, such as a marver(?).	Glass: dark turquoise with red patches, 308 M	7.5 × 7.13 × 1.54
40633	K/-4, 15687	Non-diagnostic fragment of a bowl, possibly reused as a tool. A small area of dark brown or violet glass (0.6 × 0.6 cm) is visible on the inner surface, some of which has broken away, and which partially overlies the remains of a white (calciferous) layer. Two further drops of glass are visible across one old break and slightly onto the outer surface, these being blue/violet in colour (0.5 × 0.3 cm, 0.5 × 0.1 cm and 0.2 × 0.1 cm); all are attached.	Glass: brown / blue / violet, 5265 M (violet), 4985 M? (brown)	4.11 × 2.45 × 0.98
41678	No label	Flat ceramic object with a slightly irregular surface. Heavily vitrified; all sections are black with bubbles rising to the surface. Lime inclusions still visible but largely burnt out. Underside still is dark red, not completely vitrified. Top side is coated in thick calcareous layer, which is eroded in part, and which has one small fleck of possible turquoise glass (<0.2 cm diam.) towards the centre. Either a purpose-made object (tool), which was broken and placed into a furnace: one edge has complete (smooth) vitrification lapping over the edge of an ancient break; or the repurposed base of a cylindrical vessel. No layering discernible (cf. Smirniou and Rehren 2016; see Table 9.3).	Glass: turquoise?, N/A	7.4 × 4.75 × 1.65 max.
41680	G/-4, 17513	Reused sherd of unknown nature (although possibly a fragment of a ceramic cylindrical vessel). Flat and fairly thick. One side coated in calcareous layer, other side is red and not coated. No further layering discernible according to Smirniou and Rehren (2016; see Table 9.3). The latter side has a small patch of weathered dark blue (possibly opaque) glass visible. Diameter cannot be reconstructed. <i>pXRF (glass): low Co, elevated Cu, little Sb, elevated Pb.</i>	Glass: dark blue, 294 M? (weathered)	2.8 × 2.25 × 1.7
41687	L/-2, 17610	Reused sherd, probably from a bowl. Thick and irregular layer of weathered turquoise pigment (or devitrified glass) on concave inside, which appears to have been prepared in the sherd and left to dry after becoming lumpy. Some pigment laps over ancient break but is also sectioned alongside another, more recent break, indicating that this vessel was fragmentary prior to use. <i>pXRF (pigment/glass): elevated Cu, very little Co, Sn present, no Sb and no Pb detected. Highly elevated Ca.</i>	Pigment(?): turquoise, N/A	5.65 × 3.5 × total: 1.5, ceramic: 0.7, pigment: 0.8 max.
41703	K/-5, 17614	Flat ceramic object, roughly rectangular with original and angular edges, and rounded corners. Fits into one hand. Broken along one short side. Possibly a marver? Thicker towards break.	N/A	6.75 × 5.6 × 1.55–2.3
41704	K/-2, 17577	Flat ceramic object, roughly semi-circular with angular edges, which appear to be eroded, ancient breaks. Broken along one short side. Possibly a marver? Thicker towards one side. Uncertain whether this may be a reused sherd from a thicker vessel.	N/A	5.75 × 2.9 × 2.15–2.65; c.6 (diam.)
41758	J/-2 / J/-3, 17693	Roughly rectangular, thick, slab with rounded edges. Broken along one short side. Appears to have been fired, reddish and crumbly. One almost flat, slightly concave surface. Base is flat but rough. Thicker on one end. Appears to have fitted into one hand; may therefore have been used as a glass worker’s tool, such as a marver.	N/A	6.75 × 6.1 × 3.3
41917	J/-2 N, 17534	Fragment of a purpose-made ceramic tool. Flat with rounded edges. One original edge preserved. No traces of calcareous slip. Fleck of light blue, heavily weathered glass runs from one surface down one side.	Glass: pale blue, N/A	3.85 × 1.7 × 1.9
41918	G/-4, 17513	Wall and rim fragment of a reused sherd, possibly a thin-walled bowl. Not vitrified. Small drop of dark blue glass on the inside. About 1% of diameter preserved. <i>pXRF (glass): elevated Cu, little Co, some Sb, elevated Pb.</i>	Glass: dark blue, 654 M	W=2.65 × Th=0.7; c.20 (diam.); H=1.7
42028	H/-5, 17749	Flat pottery sherd, possibly originally a bread tray. Lime layer visible in patches on one side. Many burnt-out inclusions. Fired but not exposed to extreme heat in kiln. Possible marver for glass bead making.	N/A	9.5 × 7.9 × 2.15
43221	K/-4, 15685	Fragment of an almost completely flat ceramic object. Four broken edges, one original edge, which is not entirely perpendicular to the main surfaces and slightly warped. Object is covered in calcareous slip on one side, and the original short edge has a blackened spot. Possibly a tool (table/marver)?	N/A	5.35 × 5.1 × 2
43935	H/-5, 17749	Fragment of a tool or part of an oven/furnace of fired clay. Roughly triangular/trapezoid in shape with a flat, light-coloured surface, probably due to the presence of lime on this surface and around the edges. The opposite surface is also flat, although less well preserved. The edges are partially angular and partially sloping/moderate. A tiny, circular droplet (diam. 0.2 cm) of weathered turquoise glass adheres to one edge. The two flat surfaces and the glass droplet indicate a use as a glass-working tool (e.g. a marver), although the piece could also have been used as an inset into a glass-working furnace (e.g. as a funnel hole) since one edge possibly includes the remains of a rounded, linear ridge (which, however, may also be a smoothed break). Found in the same unit as another possible marver (object no. 42028).	N/A	6.2 × 5.7 × 4.1
43936	J/-3, 17593	Object of baked (unfired), fairly rough clay. Irregular oval in shape with three intact edges (one short edge broken off) and one flattish/slightly concave surface, the opposite of which is convex. One corner of the slightly convex surface is blackened. The same surface is slightly abraded, where inclusions of tiny quartz pebbles are visible on the surface. Possibly a tool, such as a marver, or part of a furnace or fireplace?	N/A	7.75 × 5.4 × 3.1

CHAPTER 10: THE ARCHAEOLOGICAL EVIDENCE AND THE *CHAÎNE OPÉRATOIRE* OF FAIENCE MANUFACTURE AT M50.14–16

Table 10.1 A possible clay stamp for preparing faience moulds.

Object no.	Provenance	Description	Length × Width × Thickness (cm)
40700	I/-3, 15794	Dark and fine clay. Sun-hardened and roughly in the shape a drop. One face is flat, the other is gently convex on all sides; the overall shape of the object is oval with one tapering end, which is slightly irregular in shape and has a diagonal ‘tip’. The colour of the rounded end (comprising c.33% of the object) is slightly darker (dark grey) than the other part, which is brown in colour. The convex surface is slightly irregular and appears to have been shaped by hand. The flat surface has a few irregularities and two lateral cracks towards the rounded end. The clay is very fine, and specks of mica are visible in the fabric. The overall shape of the object resembles that of a drop, date or mandrake pendant: one possibility is that this object was a clay model of a date or mandrake pendant that had been pressed into a mould to produce or test the shape of its recess. Close in terms of shape and size are collar pendants object nos 40553, 40554, 40775 and 41668; cf. faience mould object no. 41837, although it has a smaller recess. Alternatively, the object could have been used as an appliqué that was attached to another object and painted or plastered over (B.J. Kemp, pers. comm. 2022), or the object may also be a piece of clay waste.	1.79 × 0.3–0.88 × 0.35

Table 10.2 An incomplete faience pendant.

Object no.	Provenance	Description	Colour description and Pantone	Pendant type	Length × Width × Thickness (cm)
40538	G/-3, 15610	Incomplete, moulded cornflower bud collar pendant or a tile/inlay with a flat back and a convex surface. The bottom petals are missing; however, all edges are glazed, making it possible that this was a manufacturing error that resulted in the lack of the lower part, unless it had been attached separately and was in a different colour. The yellowish green glaze is intact and shiny with clear detail. No beads were welded onto the pendant, indicating that this is either an unfinished pendant or a plant-form tile or inlay. Cf. Boyce (1995a: 346) and Petrie (1894: pl. XIX, nos 452, 481–489).	Yellowish green, 576 M	C13A	1.25 × 0.8 × 0.17

Table 10.3 A gypsum-lime plaster tray for drying shaped faience paste.

Object no.	Provenance	Description	Length × Width × Thickness (cm)
41967	H/-2, 17585	Fragment of a gypsum-lime plaster tray. The object has an irregular shape with two flat surfaces and a rectangular section. One surface has a regular textile impression and a slightly raised, irregular lip, which runs in a line at a very slight angle to the textile pattern (2.6 cm preserved). The other edges have broken off. The opposite surface is flat with impressions of straw and chaff. The overall thickness is 0.6 cm, though the object tapers slightly towards the preserved lip (0.5 cm thickness). This item is a tray that was most probably used for drying faience objects prior to firing (see Nicholson 2007: 139–141).	4.5 × 3.8 × 0.6

Table 10.4 Clay balls with ring beads.

Object no.	Provenance	Description	Colour description and Pantone (beads)	Bead type	Diameter (cm)	Perforation diameter (mm)
42244	G/-4, 15655	Small clay ball with impressions and fragments of several R4 beads embedded in the clay.	Red, 1945 M	R4	c.0.4 (overall)	N/A
42725	J/-5, 17622	Small clay ball with three R4 beads embedded in the clay.	Turquoise, 3005 M	R4	c.0.19 (beads) c.0.6 (overall)	c.1.3

Table 10.5 Faience moulds of fired Nile silt.

Object no.	Provenance	Description	Length × Width × Thickness (cm)	Type
40533	I/-4, 15630	Intact, oblong. Edges and reverse are slightly rounded. The mould top and bottom edges are flatter. Two possible fingerprint impressions on the reverse. The edges have been slightly damaged: small (impact) craters are discernible towards the top and the right-hand side of the design. The design is fairly sharp, and a few small patches of a fine, cream-coloured substance are preserved in the recess, most probably faience paste. Recess (cm): L=0.94, W=0.57, D=0.25.	2.52 × 2.13 × 1.09	C13A
40534	G/-3, 15650	Intact, rounded oval. The recess and edges are blackened. The mould side edges and reverse are rounded. The top and bottom edges are flattened. Straight indentations run from the mould recess to the top and bottom edge, approx. 0.4–0.5 cm deep. Recess (cm): L=1.2, W=0.86. The scarab bead object no. 40558 fits almost perfectly into this mould.	2.45 × 2.36 × 1.27	Petrie type 334
40536	G/-3, 15610	Almost intact, circular with rounded edges and base, and an oval profile. The edges are slightly worn, as is a small area of the base. Fingerprints are visible on the back. The recess is circular with a very slightly raised circle in the centre (c.0.06 cm high), on which a fingerprint impression can be made out. Recess (cm): diam.=2.28, D=0.5. The raised central circle has a diameter of 1.25 cm. The recess is almost entirely coated in a fine, cream-coloured substance, most probably faience paste. The design, although sharp, is simple and does not include the petals of a rosette. It is possible that these were carved by hand after the initial shaping of the object. Therefore, the design would best resemble Petrie type 431, albeit without the carved detail.	4 × 4 × 1.5	Petrie type 431?
40569	G/-3, 15763	Intact, almost circular overall shape with rounded edges and convex back. A fingerprint is visible on the smooth back surface. One edge is slightly damaged. The recess is coated in a thin, creamy substance, which is faience paste. The upper fringe of the faience shape/design is sharp and clearly visible. Recess (cm): L=0.99, W=0.9, D=0.24.	2.14 × 2.18 × 1.19	C12A
40669	H/-4, 15789	Intact, oblong in shape with rounded edges and back surface, which is slightly flattened and has signs of abrasion. Much of the surface is encrusted with salt. Was found in water jar object no. 40653. The design is sharp. Recess (cm): L=0.79, W= 0.7, D=0.15. Cf. faience pendants object nos 40544 and 41659.	2.15 × 1.87 × 1.15	C28
41767	G/-4, 17513	About 33% preserved. Oval in shape, broken diagonally, c.25% of the rosette design remains. The design is detailed, although a triangular indent can be discerned at one edge and a further slight irregularity next to the latter. The recess and the adjacent indentations contain a creamy substance, probably the remains of faience paste. Recess measurements: N/A.	2.7 × 2.05 × 1.5	A10 or Petrie type 432
41837	G/-5, 17514	Intact, circular and slightly flattened. The design is simple and therefore lacks detail. Recess measurements: N/A.	2.2 × 2.2 × 1.2	C18

Object no.	Provenance	Description	Length × Width × Thickness (cm)	Type
41838	H/-2 N, 17565	Almost intact, heavily abraded faience mould made from Nile silt, probably for scarab beads. Overall oval shape with part of one short edge broken off. The oval recess is poorly preserved: hardly any detail is discernible. Lines for strings (for the perforation of the bead) can be discerned at both short ends of the recess. Recess (cm): L=1.33, W=0.96, D=0.35.	2.3 × 2 × 1	Petrie type 334
41839	G/-5, 17514	Intact. Fine detail inside the recess. Overall shape is oval, recess is not centred. String marks for the perforation can be discerned at the back and the front of the recess, and these continue, albeit more faintly, around the back surface of the object. Recess measurements: N/A.	2.6 × 2.8 × 1.4	Petrie type 328
41840	G/-3, 17501	Intact, overall circular shape with remains of fingerprints visible on the surface. Fine detail inside the recess with a small space at the top of the pendant design for attaching the cylinder bead prior to firing. Recess measurements: N/A.	2.3 × 2.3 × 1.5	C24
41841	J/-2 N, 17534	Intact, oval in shape with some triangular indentations from shaping on the back. The design is detailed and well preserved. Open-work <i>wedjat</i> eye (probably for a ring bezel). Recess measurements: N/A.	3 × 2.25 × 1.15	Petrie type 176
41842/41843	J/-2 N, 17534	Two matching fragments that form an almost intact mould, with one lateral break that also affects a small part of the heavily eroded bezel design. Recess overall (cm): L=2.3, W=1.3. The inscription, as discernible, is possibly Petrie type 33 or 50 inverted (<i>nfr-hpr.w-R^c - w^c-n-R^c</i>).	3.27 × 2.37 × 1.1	Petrie type 33 or 50 inverted
41861	I/-3 / J/-3, 17715	Intact, slightly irregular oval shape. Recess has a simple shape without much detail. A line runs diagonally through the lower, bulging part of the design. This line appears to have been carved rather than produced pre-firing. Its purpose is not certain because of its diagonal alignment. Recess measurements: N/A.	2.7 × 2.2 × 1.1	D4
41862	G/-4, 17721	Intact, although heavily abraded. Overall slim oval shape. No details of the design can be discerned in the recess. Recess (cm): L=2.28, W=0.9, D=0.23.	2.8 × 1.7 × 1	C6 / C7
41863	G/-4, 17721	Intact, overall oval in shape. Fine detail inside the recess, with remains of a creamy substance, probably unfired faience. A space above the main design was probably used for attaching a cylinder bead for suspension. Recess measurements: N/A.	2.2 × 1.7 × 1.2	C13A
41975	J/-2, 17734	Intact, almost circular shape. The recess still contains a cream-coloured substance, probably the unfired remains of faience. A large portion of the rear is missing, revealing the black core of the ceramic material. Recess measurements: N/A.	2.9 × 2.8 × 1.5	A10

Table 10.6 Faience bead wasters. Additional bead types: DBi-c = Disc bead, complete; DBi-f = Disc bead, fragmentary; S1–S4 (X segs) = various segmented beads with x amount of segments.

Object no.	Provenance	Description	Colour description & Pantone	Bead type	Dimensions (cm)	Diameter (cm)	Perforation diameter (mm)
41485	H/-4, 15762	Small spherical bead. Broken but probably post-manufacture. Broke into two pieces along the perforation during handling. Excess material around aperture on one face.	Blue, opaque, 2726 M	Sphere	L=0.38	0.39	0.82
42182	H/-4, 15646	Broken in half. The edges are glazed over; therefore, it must have broken before or during firing. The glaze is fairly weathered.	Dark blue, 296 M	MC3 (3 beads)	L × W × T=0.63 × 0.27 × 0.24	N/A	1.33
42197	K/-4, 15687	Fragmentary (c.25%), and the break is glazed over; therefore, it must have broken before or during firing. The glaze is fairly weathered and missing in places.	Dark blue, 289 M	MC3 (3 beads)	L × W × T=0.61 × 0.24 × 0.29	N/A	1.2–1.4
42219	I/-4, 15628	Closed perforation with dull, weathered and cracked glaze.	Dark turquoise, 3165 M	R4	L=0.06	0.19	N/A
42239	G/-4, 15667	Three beads stacked in a straight line. One bead is fragmentary (c.25%) and the break glazed over; therefore it must have broken before or during firing. The glaze is fairly weathered.	Dark blue, 2767 M	MC3 (3 beads)	L × W × T=0.5 × 0.26 × 0.23	N/A	0.75
42240	H/-4, 15657	Three malformed and misaligned beads. The central bead is smaller than the other two. All beads are intact and shiny but pitted and with ‘stick marks’ on one surface.	Dark blue, 7463 M	MC3 (3 beads)	L × W × T=0.76 × 0.32 × 0.25	N/A	0.95; 0.53; 0.95
42242	K/-4, 15687	Misshapen and broken MC bead with another 3–5 beads. One bead has an open perforation, the others are sealed. The glaze is well preserved and shiny. ‘Stick marks’ on one face.	Dark blue, 296 M	MC1 (3+ beads)	L × W × T=0.93 × 0.25 × 0.25	N/A	0.69
42246	G/-3, 15650	One S3 bead stuck to an S1 or S2 bead on the same plane. The latter is framed by two ring beads (R4), both of which have remains of more glaze (same colour) adhering to them, possibly from other beads. Patches of core material adhering to base. ‘Stick marks’ on one surface.	Light green, 556 M–557 M	S3 (3 segs), S1–2 (2 segs), R4 × 2	L × W × T=0.58 × 0.45 × 0.18	0.19 (S3), 0.13 (S1–2), 0.19, 0.22 (R4)	0.9 (S3), 0.5 (S1–2), 0.6, 1 (R4)
42247	G/-3, 15658	Two R4 beads stuck together side by side. One has a slightly larger diameter than the other. Glaze is intact and shiny.	Yellow, 136 M	R4 × 2	L × W × T=0.4 × 0.21 × 0.11	0.21, 0.19	1, 0.8
42248	G/-4, 15609	Two beads joined at an angle. Both are the same size. The glaze is intact and shiny.	Dark blue, 2945 M	R4 × 2	L × W=0.25 × 0.17	0.17; 0.17	0.95; 0.95
42249	G/-4, 15655	An R4 bead and an S1 bead stuck together at a 90-degree angle. Single bead offset and only fused to one outer bead face, also set back. Glaze is largely shiny and intact. ‘Stick marks’ on one face.	Yellow, 134 M–135 M	R4 + S1 (2 segs)	L × W=0.41 × 0.37	0.2, 0.22	1, 1
42250	G/-4, 15667	Two beads joined side by side. The glaze is intact and slightly shiny.	Dark blue, 534 M	R4 × 2	L × W=0.23 × 0.19	0.16; 0.18	1
42251	G/-4, 15668	Two flattened and joined R4 fragments (flat, square shape). ‘Stick marks’ on both sides.	Dark blue, 302 M	R4 × 2	L × W × T=0.23 × 0.23 × 0.22	N/A	N/A
42252	H/-4, 15620	Two joined R4 beads. One is smaller than the other. Both beads have closed perforations. Glassy and weathered.	Turquoise, 314 M	R4 × 2	L × W=0.28 × 0.17	0.17; 0.12	N/A
42253	H/-4, 15646	Two R4 beads, one thicker than the other. The thinner bead is fused to the aperture of the thicker bead. The glaze is intact and shiny. ‘Stick marks’ in small patches on one surface.	Dark blue, 294 M	R4 × 2	L × W=0.29 × 0.2	0.2; 0.16	0.79; 0.83
42254	H/-4, 15646	Two joined R4 beads: one intact bead and one misshapen fragment. The material is glassy. The surface is slightly dull with a few ‘stick marks’ on one face.	Turquoise, 313 M	R4 × 2	L × W=0.38 × 0.1	0.21	0.94
42255	I/-3, 15612	Two S3 beads stuck together side by side at a slight angle. Glaze is intact and largely dull. ‘Stick marks’ on one face.	Mid blue, 7454 M	S3 (2-segs) x2	L × W × T=0.41 × 0.34 × 0.21	0.21, 0.2	0.7 (both)

Object no.	Provenance	Description	Colour description & Pantone	Bead type	Dimensions (cm)	Diameter (cm)	Perforation diameter (mm)
42256	I/-3, 15732	Three R4 beads stuck together, two side by side and one at a right angle. Glaze is intact and largely dull.	Yellow, 134 M	R4 × 3 / R4 + S3	L × W × T=0.3 × 0.3 × 0.22	0.21, 0.17, 0.17	0.85 (all)
42257	I/-4, 15630	One complete R4 bead stuck to the fragment of another, which is attached at an angle. Glaze is dull and weathered.	Dark turquoise, 633 M	R4 × 2	L × W × T=0.27 × 0.2 × 0.09	0.2	1
42258	J/-4, 15662	One S3 bead stuck to a small patch of faience (possible fragment of another bead). Glaze is dull, ‘stick marks’ on one face.	Dark blue?, 5463 M (weathering)	S3	L × W × T=0.38 × 0.26 × 0.19	0.18	0.62
42259	J/-4, 15678	Two S1 beads stuck together side by side at a slight angle. Glaze is shiny and intact.	Dark blue, 301 M	S1 (2 segs), S3 (3 segs)	L × W × T=0.38 × 0.34 × 0.21	0.21 (S1), 0.19 (S3)	0.9 (both)
42260	J/-4, 15679	Two R4 beads stuck together side by side. Both intact. Glaze is intact and shiny.	Yellow, 1365 M	R4 × 2	L × W × T=0.33 × 0.17 × 0.12	0.17, 0.16	0.9 (both)
42261	J/-4, 15704	One ring bead with the fragment of another (c.40% preserved) stuck in its perforation. Both beads have the same colour. Their glaze is intact but dull. The breaks of the fragmented bead are glazed over; therefore, it broke before or during firing. Small ‘stick marks’ on one surface.	Turquoise, 3115 M	R4 × 2	L × W=0.22 × 0.17	0.18	0.92
42262	K/-4, 15664	Two disc beads stuck together face to face, slightly off-centre. Both beads are intact. Surfaces of both beads are dull and pitted.	Light turquoise, 324 M	DB1 x2	0.7 × 0.2 (overall), 0.08 (individual)	0.59 (both)	1.5 and 1.24
42263	K/-4, 15664	One R4 bead to which two small R4 fragments adhere. One fragment is fused over the aperture, another, greenish turquoise one is stuck to the edge. The bead is weathered with missing glaze and ‘stick marks’ covering the surface of the intact bead.	Turquoise, 3135 M; 321 M	R4	L × W=0.26 × 0.18	0.18	0.97
42265	K/-4, 15687	One R4 bead to which another R4 fragment (c.40 % preserved) is fused at an irregular angle. The glaze is intact and shiny.	Dark blue, 282 M	R4 × 2	L × W=0.21 × 0.15	0.19; N/A	0.92; N/A
42266	K/-4 / L/-4, 15689	Two R4 beads fused at an irregular angle. They are glassy and the glaze is intact but slightly dull.	Turquoise, 313 M	R4 × 2	L × W=0.35 × 0.15	0.2; 0.19	0.68; 0.59
42267	L/-4, 15684	Three R4 beads stuck together to form a flat triangle (beads appear to have lain on a flat surface). Glaze is intact and dull. Tiny ‘stick marks’ on one face.	Dark blue, 295 M (?)	R4 × 3	L × W × T=0.34 × 0.36 × 0.11	0.19, 0.19, 0.18	0.9, 0.8, 0.8
42283	I/-5, 15753	Possible waster: surface is heavily pitted and bubbly. Glassy throughout, c.40% preserved. Perforation not preserved. ‘Stick marks’ on one face.	Turquoise, 638 M?	DB1-f	L=0.4	0.67	N/A
42286	J/-3, 15732	Three cylinder beads, slightly misaligned. A fourth, malformed and flattened bead is joined with the end of one of the former (similar to a segmented bead). The glaze is intact but dull with numerous ‘stick marks’ on one surface.	Dark blue, 303 M	MC3 (3 beads)	L × W × T=0.77 × 0.45 × 0.24	N/A	c.1
42292	G/-3, 15763	Medium-sized with core material/‘stick marks’ adhering to both sides. Glaze is shiny and interior is glassy. 100% preserved.	Dark turquoise, 308 M	DB1-c	L=0.09	0.6	1.84
42296	H/-4, 15762	Excess material adhering to the sides. Core partially exposed. Glaze is dull. Edges are rounded and perforation is irregular. Most probably a disc bead, the edges of which have melted during the manufacturing process.	Light turquoise, 637 M?	R1	L × W × T=0.35 × 0.32 × 0.085	0.35	1.32 max.
42303	H/-4, 15656	One S1 bead fused to one R4 bead that is also fused to another, misshapen R4 bead without a central perforation. A break at the end of the latter bead indicates that a further bead may have originally been attached. The glaze is intact and shiny.	Turquoise, 639 M–640 M	S1 (2 segs), R4 × 2	L × W × T=0.38 × 0.32 × 0.18	1.8 (S1), 1.8 (R4)	0.9 (S1), 0.8 (R4)
42304	H/-4, 15762	Probable fragment of a CY1 bead, flattened and with broken, glazed-over breaks. Dull and weathered.	Turquoise, 320 M	CY1	L=0.31	0.22	0.98
42305	I/-4 / I/-5, 15769	Two S3 and one S1 beads stuck together on the same plane. One ring bead has become detached from one three-segmented bead and has fused at an angle. Glaze is shiny and intact. Small areas of ‘stick marks’ on one face.	Mid blue, 7454 M–7561 M	S3 × 2, S1 × 1	L × W × T=0.46 × 0.4 × 0.19	0.17, 0.2 (S3), 0.2 (S2)	0.6, 0.9 (S3), 0.9 (S2)
42310	I/-4, 15774	An R4 bead and an S1 bead stuck together at a 90-degree angle. Double bead (one larger than the other) is intact, while the individual ring is fragmentary: only the section attached to the double bead survives. Glaze is intact and shiny.	Dark blue, 7462 M	R4 × 3	L × W=0.25 × 0.25	0.18	0.7
42316	H/-4, 15778	Glassy and misshapen bead. The edges are rounded and warped. Glaze is weathered and dull. ‘Stick marks’ on one face.	Turquoise, 307 M–331 M	DB1-c	L × W × T=0.49 × 0.42 × 0.06–1.1	N/A	1
42319	H/-4, 15762	Two R4 beads stuck together side by side. Both rings complete, one slightly larger in diameter. Glaze is dull. ‘Stick marks’ on one face.	Turquoise, 632 M	R4 × 2	L × W × T=0.44 × 0.24 × 0.1	0.24, 0.2	0.9, 0.7
42324	G/-3, 15763	Three beads stacked in a straight line. One bead is fragmentary (c.25%) and the break glazed over; therefore it must have broken before or during firing. Of the complete beads, one is larger than the other. The glaze is fairly weathered.	Dark blue, 303 M	MC3 (3 beads)	L × W × T=0.56 × 0.24 × 0.27	N/A	1
42325	G/-3, 15763	Two R4 beads and one small fragment joined at an irregular angle. Both intact beads have flattened sides and edges (rectangular in section). The glaze is intact and shiny.	Dark blue, 647 M	R4 × 3	L × W=0.34 × 0.24	0.18; 0.18	0.86; 0.86
42336	I/-4, 15799	Two S1 beads stuck together at an angle. Glaze is dull. ‘Stick marks’ on one face.	Mid blue, 7454 M	S1 (2 segs) × 2	L × W × T=0.44 × 0.27 × 0.2	0.2, 0.18	0.9, 0.8
42337	L/-4, 15785	One R4 bead and two fused R4 beads that are stuck together at a 90-degree angle. Single bead is centred. Glaze is weathered, iridescent and intact. ‘Stick marks’ on one face.	Dark blue, 7468 M?	R4 × 3	L × W=0.35 × 0.26	0.19, 0.19	0.8, 0.8
42341	I/-4, 15778	Three beads stacked in a straight line. Very glassy with two perforations closed. The glaze is well preserved and shiny with some pitting.	Dark blue, 2965 M	MC3 (3 beads)	L × W × T=0.71 × 0.25 × 0.26	N/A	0.67

Object no.	Provenance	Description	Colour description & Pantone	Bead type	Dimensions (cm)	Diameter (cm)	Perforation diameter (mm)
42344	H/-4, 15656	Two S4 beads stuck together at an angle. Glaze is shiny and intact. Small ‘stick marks’ on one face.	Dark blue, 653 M	S4 × 2	L × W × T=0.39 × 0.28 × 0.2	0.21, 0.2	0.9, 0.8
42345	I/-3, 15694	Two R4 beads joined at an angle with glaze. The glaze is intact and shiny.	Dark blue, 7462 M	R4 × 2	L × W=0.33 × 0.21	0.2; 0.18	0.9; 0.85
42346	I/-4, 15778	Three R4 beads stuck together to form a flat triangle. Glaze is intact and shiny. ‘Stick marks’ on one face.	Dark blue, 646 M	R4 × 3	L × W × T=0.31 × 0.33 × 0.1	0.18, 0.17, 0.17	0.7, 0.8, 0.6
42380	G/-4, 15667	An R4 bead and an S1 bead stuck together at a 90-degree angle. Individual ring bead is centred. Glaze is intact and shiny. ‘Stick marks’ on one face.	Dark blue, 653 M–654 M	R4 + S1 (2 segs)	L × W=0.41 × 0.27	0.25, 1.09	1, 0.7
42381	H/-4, 15646	An R4 bead and an S1 bead stuck together at a 90-degree angle. Single ring is offset and only fused to one outer bead face. Glaze is largely shiny and intact. ‘Stick marks’ on one face of the double bead.	Dark blue, 7462 M	R4 + S1 (2 segs)	L × W=0.39 × 0.27	0.19, 0.2	1, 0.98
42382	H/-4, 15646	Two R4 beads joined at an irregular angle by their edges. One is smaller than the other. The glaze is weathered and dull.	Dark blue, 3025 M	R4 × 2	L × W=0.38 × 0.15	0.19; 0.23	1.12; 1.02
42383	H/-4, 15646	Two R4 beads joined at an irregular angle by their edges. The glaze is weathered and dull. Both beads have the same colour and size.	Dark blue, 3025 M	R4 × 2	L × W=0.37 × 0.19	0.2; 0.21	0.96; 0.95
42384	H/-4, 15646	Two R4 beads joined at their edges by the break of the fragmented bead. Their surfaces are shiny but weathered and patinated. Smaller bead: c.50% preserved, the break is glazed over.	Turquoise, 314 M; 3135 M	R4 × 2	L × W=0.32 × 0.11	0.18; 0.21	0.88; 0.97
42385	H/-4, 15646	One complete and one half of a ring bead stuck together side by side. One of them appears to have excess material/ glaze in its aperture.	Turquoise, 311 M (?)	R4 × 2	L × W × T=0.24 × 0.17 × 0.08	N/A	N/A
42387	H/-4, 15646	Two R4 beads stuck together side by side. Glaze is intact and shiny. ‘Stick marks’ on one face.	Dark blue, 541 M	R4 × 2	L × W × T=0.4 × 0.21 × 0.11	0.21 (both)	0.7 (both)
42388	H/-4, 15646	Two S3 beads stuck together at a right angle. Glaze is shiny and intact.	Dark blue, 647 M	S3 (3 segs) × 2	L × W × T=0.44 × 0.26 × 0.18	0.18, 0.17	0.8, 0.9
42389	J/-4, 15662	One S1 bead and one R4 bead stuck together. The glaze is intact and shiny. ‘Stick marks’ on one face.	Yellow, 1355 M	S1 (2 segs), R4	L × W × T=0.33 × 0.33 × 0.17	0.17 (S1), 0.18 (R4)	0.8 (S1), 1 (R4)
42390	J/-4, 15679	One S4 and one R4 bead stuck together at an angle. The segmented bead has a break next to one aperture. Glaze is matte. ‘Stick marks’ on one face.	Dark brown, 464 M?	S4 (2–3 segments), R4	L × W × T=0.32 × 0.29 × 0.23	0.23 (R4), 0.21 (R4)	1 (S4), 0.7 (R4)
42391	J/-4, 15679	Two beads stuck together, both intact. One is slightly thicker and smaller than the other. Glaze is intact and shiny. ‘Stick marks’ on one face of larger bead.	Dark blue, 541 M	R4 × 2	L × W × T=0.4 × 0.2 × 0.11	0.9, 0.6	Not measured
42392	K/-4, 15664	Two beads stuck together side by side. Glaze is intact and slightly dull. Faint ‘stick marks’ on one face.	Turquoise, 632 M	R4 × 3	L × W × T=0.36 × 0.19 × 0.1	0.18, 0.19	0.7, 0.9
42393	K/-4, 15664	Two R4 beads stuck together at a 90-degree angle. Both beads are intact and have a shiny glaze. Tiny ‘stick marks’ on face of one bead.	Turquoise, 632 M	R4 × 2	L × W × T=0.33 × 0.19 × 0.17	0.19, 0.17	0.8, 0.7
42394	K/-4, 15664	Two joined R4 beads. One bead is slightly larger, has a glazed-over break on one edge and covers the other bead’s aperture. The glaze is intact but dull. Glassy.	Turquoise, 313 M	R4 × 2	L × W=0.29 × 0.16	0.18; 0.17	0.97; 0.79
42395	K/-4, 15664	Two S1 beads stuck together side by side, at a slight angle and slightly offset. Glaze is dull. ‘Stick marks’ on one face.	Dark blue, 548 M	S1 (2 segs)	L × W × T=0.42 × 0.3 × 0.28	0.23, 0.21	0.6, 0.9
42396	K/-4, 15664	Two S1 beads stuck together at an angle. Glaze is intact and shiny. ‘Stick marks’ on one face.	Dark turquoise, 308 M	S1 (2 segs) × 2	L × W × T=0.42 × 0.26 × 0.2	0.2, 0.17	0.8, 0.6
42397	K/-4, 15664	Two R4 beads stuck together at a 90-degree angle. Both beads are intact and have a shiny glaze. ‘Stick marks’ on one face of both beads, along the long side.	Dark pale blue, 7545 M	R4 × 2	L × W × T=0.6 × 0.19 × 0.2	0.2, 0.19	0.7, 0.5
42398	K/-4, 15673	Two R4 beads joined at the sides. The glaze is intact and shiny. One is half as long as the other.	Dark blue, 2945 M	R4 × 2	L × W=0.26 × 0.13	0.2; 0.2	1.04; 1.04
42399	K/-4, 15673	Two R4 beads stuck together at a 90-degree angle. Both are intact, the glaze is intact and largely shiny. Very small ‘stick mark’ on one bead.	Turquoise, 299 M	R4 × 2	L × W × T=0.36 × 0.18 × 0.2	0.2, 0.18	0.8 (both)
42401	K/-4, 15687	Two joined R4 beads. One bead is intact, the other is fragmentary (c.40% preserved) and covers the aperture of the intact bead. The glaze is intact but slightly weathered and dull.	Mid blue, 7454 M	R4 × 2	L × W=0.22 × 0.16	0.19	1.33
42402	K/-4, 15687	Two R4 beads stuck together at a 90-degree angle. Both are intact, the glaze is intact and largely shiny. Very small ‘stick mark’ on one bead.	Yellow, 141 M	R4 × 2	L × W × T=0.36 × 0.19 × 0.12	0.19, 0.18	0.9, 0.9
42403	K/-4, 15687	Three R4 beads joined irregularly with glaze. All beads are of the same size and colour. The glaze is intact and shiny.	Dark blue, 654 M	R4 × 3	L × W=0.42 × 0.28	0.19; 0.19; 0.18	1.15; 1.11; 1.1
42404	H/-4, 15762	One R4 bead joined by a patch of glaze to a broken S1 bead, which has glazed-over breaks. The glaze is intact but weathered and patinated.	Dark blue, 2955 M	R4 + S1 (2 segs)	L × W=0.41 × 0.21	0.18; N/A	0.92; N/A
42405	G/-4, 15667	Two stacked beads with the remains of another bead stuck at the end of one of them. The glaze is shiny but pitted, with some glaze missing and ‘stick marks’ visible at one end. One bead is slightly flattened and larger than the others.	Dark blue, 532 M	MC (2 beads)	L × W × T=0.69 × 0.42 × 0.3	N/A	0.85
42406	H/-4, 15646	Three beads stacked in a straight line, with one outer bead larger than the other two. The glaze is weathered.	Dark blue, 2965 M	MC3 (3 beads)	L × W × T=0.77 × 0.26 × 0.27	N/A	1.28
42407	H/-4, 15646	Two MC beads joined at part of their ends. Both beads are well formed and intact. The glaze is intact and slightly shiny.	Dark turquoise, 316 M	MC3 (3 beads) × 2	L × W × T=0.87 × 0.5 × 0.45	N/A	c.1
42497	H/-4, 15656	One S1 bead fused to three individual R4 beads at various angles. Surface glaze is shiny, ‘stick marks’ on the base.	Dark blue, 3035 M?	S1 (2 segs), R4 × 3	L × W × T=0.39 × 0.37 × 0.2	0.2 (S1), 1.6, 1.8, 1.8 (R4)	0.8 (S1), 0.8, 0.7, 0.7 (R4)

Object no.	Provenance	Description	Colour description & Pantone	Bead type	Dimensions (cm)	Diameter (cm)	Perforation diameter (mm)
42530	K/-5, 17554	One S1 bead stuck to a much smaller one, which adheres to one of the apertures of the former. Glaze is dull and intact. ‘Stick marks’ on one face.	Mid blue, 3005 M	S1 × 2 (both 2 segs)	L × W × T=0.4 (beads: 0.25 and 0.17) × 0.23 × 0.21	0.21, 0.15	1, 0.5
42556	J/-5, 17624	S2 bead. One bead is not attached to the others in the same alignment. This is c.33% of a bead, broken along the perforation. Core is exposed in the break, and further core material adheres to the outside, indicating that the bead broke while it was removed from another bead. Glaze is shiny.	Dark blue, 653 M	S2 (3 segs)	L × W × T=0.3 × 0.16 × 1	N/A	N/A
42603	H/-4, 15646	Both surfaces almost entirely coated in core material, presumably from other beads. Glaze is dull and glassy. Perforation is slightly off-centre. 100% preserved.	Dark turquoise, 301 M	DB1-c	L=0.07	0.63	1.31
42681	L/-4, 17517	Less than 50% of a CY1 bead, broken along the perforation. Edges are rounded because of glassy nature of object. Glaze is dull. Thin-walled. ‘Stick marks’ on one face.	Mid blue, 7454 M	CY1	L × W × T=0.29 × 0.27 × 0.13	N/A	1.6
42691	G/-4, 17513	One MC bead joined with an MC3 bead. The beads are slightly flattened. The glaze is intact and shiny with small ‘stick marks’ on the surface.	Red, 1815 M	MC (2 beads), MC3 (3 beads)	L × W × T=0.85 × 0.57 × 0.24	N/A	0.9–1.15
42692	J/-5, 17572	One R4 bead with the fragment (c.20%) of another stuck to its side, covering part of the perforation. The surface is weathered and dull.	Turquoise, 326 M	R4 + 1	L=0.1	0.19	1.02
42693	J/-2, 17508	One intact R4 bead with a fragment of another ring bead (c.25% preserved) and a small amount of external glaze joined together at the edges. Weathered, patinated and glassy.	Turquoise, 313 M	R4 + 2	L × W=0.29 × 0.09	0.17 (intact bead)	0.78 (intact bead)
42694	J/-5, 17572	Flattened with a very small perforation, which is almost closed. The glaze is weathered. ‘Stick marks’ on one face.	Dark turquoise, 5473 M	R4	L=0.16	0.23	0.3
42695	J/-5, 17572	Three ring beads joined irregularly. The glaze is intact and shiny with some white patina.	Dark blue-grey, 296 M	R4 × 3	L × W × T=0.41 × 0.2 × 0.26	N/A	0.79; 0.93; 0.98
42696i	J/-5, 17572	One intact R4 bead with a bead fragment (c.20% preserved) attached to its edge. The glaze is intact but weathered and dull.	Turquoise, 2995 M	R4 × 2	L=0.09 (intact bead)	0.19 (intact bead)	0.91 (intact bead)
42696ii	J/-5, 17572	Two R4 beads joined at their edges (broke apart during handling). The glaze is intact but weathered.	Turquoise, 2995 M	R4 × 2	L=c.0.1	0.17; 0.2	0.9; 0.9
42696iii	J/-5, 17572	Three R4 beads joined at their edges at an irregular angle. Fairly weathered and dull.	Dark turquoise, 3145 M	R4 × 3	L × W × T=0.38 × 0.34 × 0.17	N/A	c.0.9
42697	J/-5, 17572	Two R4 beads stuck together side by side. Glaze is intact and largely shiny. ‘Stick marks’ on one face.	Dark red, 492 M	R4 × 2	L × W × T=0.39 × 0.2 × 0.16	0.19, 0.2	0.7, 0.8
42698	J/-5, 17624	Two beads joined irregularly with glaze. The glaze is intact and shiny. Both beads have the same colour. One bead is slightly smaller than the other.	Dark blue, 647 M	R4 × 2	L × W=0.29 × 0.17	0.18; 0.19	0.86; 1.03
42699	J/-5, 17515	One S1 bead stuck to another one at an angle. Glaze is intact and dull. ‘Stick marks’ on one face.	Dark blue, 302 M	S1 × 2 (2 and 4 segs)	L × W × T=0.53 × 0.44 × 0.18	0.18 (both)	1 (4 segments), 0.9 (2 segments)
42700	J/-5, 17515	Two S1 beads stuck together side by side, slightly offset. Glaze is dull and intact. ‘Stick marks’ on one face.	Turquoise, 7460 M	S1 (2 segs) × 2	L × W × T=0.26 × 0.36 × 0.19	0.19, 0.18	0.8, 0.9
42701	J/-5, 17624	Two R4 beads stuck together side by side. Glaze is intact and largely shiny. ‘Stick marks’ on one face.	Dark blue, 653 M	R4 × 2	L × W × T=0.38 × 0.21 × 0.16	0.2, 0.19	0.8, 0.9
42702	H/-5, 17702	Two R4 beads that are stuck together at a slight angle and which are each connected to an S1 bead. All beads are intact and have a shiny glaze and several ‘stick marks’ on one face.	Dark blue, 647 M–654 M	S1 (2 segs)	L × W × T=0.55 × 0.36 × 0.2	0.2 (both segm. beads), 0.22, 0.19 (ring beads)	0.8, 0.9 (segm. beads), 0.6, 0.8 (ring beads)
42703i	J/-5, 17624	Two intact beads joined at an irregular angle. The glaze is weathered and dull.	Dark blue, 302 M	R4 × 2	L × W × T=0.29 × 0.15 × 0.18	N/A	0.85
42703ii	J/-5, 17624	Intact R4 bead with a fused fragment (c.20%) that adheres to the edge of the bead. The glaze is intact and slightly shiny.	Pale blue, 646 M	R4 × 2	L=Intact bead: 0.08	Intact bead: 0.18	Intact bead: 0.85
42704	K/-2, 17595	Probably an S1 bead, the second segment of which has fused shut to form a cone. Glaze is intact and weathered/dull.	Light turquoise, 636 M	S1 (2 segs)	L=0.26	0.09–0.18	0.7
42705	G/-5, 17728	Three R4 beads stuck together, creating a flat triangular shape. Glaze is intact and largely shiny. ‘Stick marks’ on one face.	Dark turquoise, 3015 M	R4 × 3	L × W × T=0.31 × 0.3 × 0.09	0.18 (all)	0.7 (all)
42707	K/-5, 17614	Two R4 beads joined with one bead covering the other bead’s aperture. The glaze is intact but dull.	Dark blue, 7462 M	R4 × 2	L × W=0.28 × 0.18	0.19; 0.19	1.11; 0.85
42708	K/-5, 17614	Very small ring bead with a broken-off piece of another bead joined to its edge. Very weathered.	Dark blue, 3035 M	R4	L=0.06	0.18	0.76
42709	K/-5, 17614	Two R4 beads stuck together side by side, one slightly larger than the other. Glaze is intact and dull. Small ‘stick marks’ on one face.	Dark blue, 653 M	R4 × 2	L × W × T=0.39 × 0.21 × 0.13	0.21, 0.19	0.9, 0.8
42712	J/-5, 17624	Two R4 beads stuck together at an angle. The glaze is intact and shiny but slightly weathered.	Dark blue, 653 M	R4 × 2	L × W=0.31 × 0.21	N/A	0.9
42713	K/-5, 17516	Two R4 beads stuck together side by side. Glaze is intact and dull.	Turquoise, 632 M	R4 × 2	L × W × T=0.42 × 0.23 × 0.11	0.23, 0.2	0.9, 0.8
42714	J/-5, 17515	One S1 bead to which one R4 bead adheres at an angle. Glaze is shiny and intact.	Turquoise, 7460 M (S1), 7461 M (R4)	S1 (2 segs), R4	L × W × T=0.38 × 0.32 × 0.19	0.19 (S1), 0.18 (R4)	0.7 (S1), 0.9 (R4)
42715	G/-4, 17721	Four R4 beads joined at their edges. Two beads are intact, two are fragmentary. One fragment is malformed and is a darker colour. The glaze is intact but slightly dull. Broke into two pieces during handling.	Turquoise, 320 M; 313 M	R4 × 4	L × W × T=0.46 × 0.31 × 0.07	N/A	0.75; 0.99
42718	G/-5, 17514	Two R4 beads stuck together side by side. One is intact and misshapen because it is glassy, the other one is fragmentary. ‘Stick marks’ on one face.	Turquoise, 2995 M	R4 × 2	L × W × T=0.29 × 0.2 × 0.09	0.2, N/A	0.7, N/A

Object no.	Provenance	Description	Colour description & Pantone	Bead type	Dimensions (cm)	Diameter (cm)	Perforation diameter (mm)
42719	J/-5, 17624	One R4 bead and one S4 bead stuck together at 90-degree angle. Double bead and the individual rings are intact. Glaze is intact and largely dull. Core slightly exposed on one face.	Turquoise, 7461 M	S4 + R4	L × W × T=0.34 × 0.19 × 0.17	0.19, 0.17	0.6, 0.9
42720	H/-5, 17519	Very eroded fragment of what may have been an MC bead. No glaze is preserved. One bead is fragmentary, the other has a spherical shape with a perforation that does not go through the entire bead.	Grey, 7540 M	MC (2 beads)	L × W × T=0.42 × 0.23 × 0.23	N/A	0.82
42722	I/-2, 17659	Two R4 beads joined at their edges. The glaze is intact and shiny. ‘Stick marks’ on one face.	Yellow, 1225 M	R4 × 2	L × W × T=0.38 × 0.17 × 0.21	N/A	0.93
42723	L/-5, 17544	S4 bead. At least two long segments, although finer partitions not discernible. Shape is slightly irregular, bead is flat-tened in places because it is glassy. One aperture has an irregular shape with rounded edges, the other long segment has broken and has rough edges. ‘Stick marks’ on one face.	Dark blue, 3035 M	S4	L × W × T=0.54 × 0.22 × 0.19	N/A	0.6
42724	K/-5, 17614	Tiny, oval and convex patch of faience. Fired and glazed, shape not discernible. Probably manufacturing waste. ‘Stick marks’ on one face.	Dark blue, 654 M?	N/A	L × W × T=0.2 × 0.13 × 0.12	N/A	N/A
42726	I/-2, 17732	Misshapen MC bead with an irregular, tapered end. The beads are fused closely together, creating relatively flat sides. The glaze is weathered and pitted. ‘Stick marks’ on one face.	Turquoise, 3245 M	MC3 (3 beads)	L × W × T=0.67 × 0.4 × 0.28	N/A	0.95
42727	L/-5, 17544	One S1 bead adhering to an S3 bead at a 90-degree angle. Glaze is shiny and intact. ‘Stick marks’ on one face.	Mid blue, 7454 M	S1 (4 segs), S3 (2 segs)	L × W × T=0.43 × 0.38 × 0.2	0.19 (S1), 0.2 (S3)	0.9 (S1), 1.2 (S3)
42728	G/-3, 17501	Very flat bead. Both apertures are closed. Glassy. The surface is weathered, and white material adheres to both sides.	Dark blue, 3025 M	MC (2 beads)	L × W × T=0.5 × 0.28 × 0.18	N/A	N/A
42730	G/-4, 17721	Fragment of an S1 bead. One segment is intact, while the second segment is fragmented. Glassy and dull with a white patina.	Turquoise, 307 M	S1 (2 segs)	L × W=0.21 × c.0.2	0.21	0.97
42732	G/-5, 17728	An R4 bead and an S1 bead stuck together at a 90-degree angle. Glaze is largely intact and dull. ‘Stick marks’ on one face.	Dark blue, 653 M	R4 + S1 (2 segs)	L × W × T=0.34 × 0.26 × 0.19	0.19 (both)	0.4, 0.6
42733	H/-5, 17519	One S3 bead to which an S4 bead adheres at an angle. Glaze is dull and intact.	Mid blue, 7459 M	S3 (3 segs), S4 (2 segs)	L × W × T=0.41 × 0.38 × 0.2	0.2 (both)	0.8 (S3), 1 (S4)
42734	K/-5, 17614	Small and oval with a closed perforation. Glassy and weathered.	Turquoise, 3135 M	R4	L=0.1	0.21	N/A
42735	H/-5, 17702	Four R4 beads fused together in a warped four-leaf-clover shape. The beads are misshapen. A grain of sand blocks the aperture of one bead, which has a broken edge. The material is slightly dull and glassy. ‘Stick marks’ on one face.	Turquoise, 313 M	R4 × 4	L × W × T=0.47 × 0.4 × 0.14	N/A	0–0.84
42736	H/-5, 17702	Two R4 beads and the remains of a third one stuck together, creating a flat triangular shape. Glaze is dull and missing in places.	Turquoise, 632 M	R4 × 3	L × W × T=0.34 × 0.21 × 0.13	0.18, 0.17	0.8 (both)
42745i	J/-5, 17572	Seven R4 beads joined in an irregular line. The glaze is intact.	Dark blue, 303 M	R4 × 7	L × W × T=0.87 × 0.36 × 0.2	N/A	1
42745ii	J/-5, 17572	One intact bead with two small fragments of another bead stuck over one aperture. The glaze is intact.	Dark blue, 303 M	R4 × 2	L × T=0.17 × 0.22	0.16 (intact bead)	1 (intact bead)
42745iii	J/-5, 17572	One intact R4 with a fragment of another bead (c.50% preserved, glazed-over breaks) joined to its edge. The glaze is intact.	Dark blue, 303 M	R4 + 1	L × W × T=0.26 × 0.14 × 0.18	0.17 (intact bead)	1 (intact bead)
42750i	J/-5, 17572	Thin bead with a wide perforation and flat edges. A small piece of another bead is stuck inside the perforation. The glaze is intact and shiny.	Yellow, 142 M	R4 × 1	L=0.09	0.19	1.16
42750ii	J/-5, 17572	Two R4 beads joined at a slight angle at their edges. Beads are very similar, although one has a wider perforation. The glaze is intact and shiny.	Yellow, 142 M	R4 × 2	L × W=0.38 × 0.14	Bead 2: 0.19; bead 3: 0.19	Bead 2: 0.7; bead 3: 1.1
42750iii	J/-5, 17572	R4 bead with the fragment of another bead stuck inside the perforation. The glaze is intact and shiny.	Yellow, 142 M	R4 × 2	L=0.19	0.19	0.96
42755i	K/-5, 17554	R4 bead with the fragment of another bead stuck to the edge (broke off during handling). Weathered and dull.	Dark blue, 302 M	R4 × 2	L=0.11 (intact bead)	0.17 (intact bead)	0.7 (intact bead)
42755ii	K/-5, 17554	Two R4 beads joined irregularly at their edges. One bead is smaller than the other. The glaze is intact but dull.	Dark blue, 2965 M	R4 × 2	L × W × T=0.36 × 0.15 × 0.2	N/A	1
42758i	J/-5, 17624	Two R4 beads stuck together. Glaze intact and shiny. One bead is smaller than the other. ‘Stick marks’ on one face.	Dark blue, 2945 M	R4 × 2	L × W=0.35 × 0.19	0.15; 0.19	1.06; 0.81
42758ii	J/-5, 17624	One intact R4 bead and the fragment of another (c.50% preserved, now separated). The glaze is intact and shiny. The fragment is longer than the complete bead; its breaks are glazed over.	Dark blue, 2945 M	R4 × 2	L=Intact bead: 0.07; frag-ment: 0.13	Intact bead: 0.19, fragment: 0.17	Intact bead: 1.1, frag-ment: 0.97
42760	J/-5, 17515	Two fused R4 beads (now separated). One bead is intact, the other consists of two fragments squashed together. The broken bead is a shade darker (143 M) than the other. The glaze is shiny and intact.	Yellow, 142 M; 143 M	R4 × 2	L=Intact bead: 0.1; fragment: 0.09	Intact bead: 0.14; fragment: N/A	Intact bead: 0.76; frag-ment: N/A
42768	J/-5, 17572	Sealed perforation. The glaze is weathered. ‘Stick marks’ on one face.	Dark blue, 2955 M	R4	L=0.16	0.22	N/A
42878	K/-5, 17554	One R4 bead with a fused fragment (c.40% preserved) of another bead stuck in its perforation. Very weathered and dull.	Yellow, 143 M	R4 × 2	L=0.11 (intact bead)	0.19 (intact bead)	0.98 (intact bead)
42897	J/-5, 17515	Circular, thin and glassy. Perforation has been sealed by accretions of core material (from other beads?) on both surfaces. Thicker lip of body material where it is unaffected by core accretions. Glaze is dull.	Dark turquoise, 633 M	DB1	L=0.06–0.1	0.68	N/A
43028	G/-4, 17721	Bead has an irregular shape and an uneven surface; one trail, the other not completely polished off. The perforation is off-centre.	Dark blue, opaque, 653 M	ES1	L=0.45	0.35	0.92

Object no.	Provenance	Description	Colour description & Pantone	Bead type	Dimensions (cm)	Diameter (cm)	Perforation diameter (mm)
43058	J/-4, 15679	Glaze intact, shiny. Perforation almost completely closed on one side by the glaze of another bead that is fused to the perforation.	Dark blue, 647 M	R4	L × W=0.1 × 0.2	0.2	0.1
43070	H/-5, 17702	Segmented bead is longer than the R4 bead. Dark blue glaze with turquoise around the middle of the beads and at the seam where they are joined.	Dark blue; turquoise, 7462 M; 3278 M	R4 + S (2 segs)	L × W × T=0.39 × 0.18 × 0.2	N/A	0.45
43076	K/-4, 15644	One R4 bead stuck to another one at a c.90-degree angle. Bead is weathered and glaze is intact and dull.	Mid blue?, 7454 M (?)	R4 × 2	L × W × T=0.22 × 0.17 × 0.15	0.17	0.8

Table 10.7 Faience inlays and tiles, cut and ground, from sheets (unless otherwise stated).

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
40326	H/-4, 15607	Trapezoidal with four smoothed edges. The glaze is weathered, pitted and dull. There is a possible tool mark on the glaze close to one of the shorter sides. A very thick, fine layer (c.o.28 cm) is discernible underneath the glaze. The core material is relatively fine.	Turquoise, 313 M	1.63 × 0.94 × 0.73
40327	H/-4, 15607	Triangular with three smoothed edges. The shortest edge is concave, and the corners are blunt. The glaze is weathered with thin scratches. A thin, greyish layer is discernible underneath the glaze. The core is rounded.	Dark blue, 294 M	1.73 × 0.99 × 0.32
40328	H/-4, 15607	Irregular shape with all edges broken off. The tile is glazed on both surfaces and the glaze is dull, patinated and speckled with yellowish green accretions. A thin, fine layer is discernible underneath the glaze. The core is reddish white.	Turquoise, 640 M	2.07 × 1.4 × 1.3
40329	I/-4, 15628	Irregular shape with all edges broken off. Three other, tiny fragments likely broke off post-excavation (each <0.5 cm in length and breadth). The glaze is slightly weathered. A white (lime?) bubble is visible within the glaze along one edge. A thin, fine, white layer is discernible underneath the glaze. The core is a pale reddish white. Only the largest fragment was measured.	Light turquoise, 637 M	4.19 × 2.85 × 0.46
40330	Surface find W of G/-4, none	Oxhide-shaped with four smoothed edges. The edges are concave and three of the corners are partly broken off. The glaze is very weathered and dull. A fine, white layer is discernible underneath the glaze.	Turquoise, 310 M	1.33 × 1.31 × 0.26
40331	I/-4, 15630	Trapezoidal fragment with one original manufacture edge. The other three edges have broken off. The glaze is very weathered and dull. There is some blue colour on the manufacture edge, and a fine, white layer is discernible underneath the glaze. The core is coarse and reddish white.	Mid blue, Pantone ‘Process Blue M’ (between 306 M and 307 M)	1.37 × 0.82 × 0.58
40332	Surface find W of G-3, none	Triangular fragment with one original manufacture edge. The other two edges have broken off. The glaze is well preserved and shiny. A thin, fine, grey layer is discernible underneath the glaze. The core is coarse and reddish white. The original manufacture surface of the core is preserved and varies in thickness.	Dark turquoise, 7469 M	1.49 × 1.28 × 0.3–0.47
40334	I/-4, 15605	Triangular with three smoothed edges. The glaze is slightly weathered and dull. A fine layer is discernible underneath the glaze. The core is fine.	Dark turquoise, 7474 M	1.32 × 0.96 × 0.22
40335	H/-4, 15620	Triangular fragment with three smoothed edges. The glaze is shiny and well preserved. A relatively thick, fine, white layer is discernible underneath the glaze. The core is almost completely ground down.	Mid blue, 7461 M	0.5 × 0.22 × 0.13
40336	I/-4, 15630	Fragment with all edges broken off. The glaze is weathered and uneven, the colour brownish green with a blueish white patina. The core is red.	Brownish green, 5815 M	0.97 × 0.94 × 0.29
40337	G/-3, 15610	Trapezoid tile fragment with four smoothed edges. The glaze is weathered and dull. A large pit (bubble? – core material is visible in the centre) is visible on the glazed surface. Immediately around the bubble, the colour is a dark turquoise and fades to a lighter turquoise towards the edges. A fine layer is discernible underneath the glaze. The core is mostly ground away.	Turquoise, 3125 M, 3135 M	0.66 × 0.48 × 0.12
40338	G/-3, 15610	Triangular fragment with one original manufacture edge and two smoothed edges. The glaze is weathered, and its colour varies from dark cobalt blue to medium blue. Very thin with little core material.	Dark blue to light turquoise, 295 M, 7459 M	1.11 × 0.75 × 0.14
40379	G/-3, 15650	Fragment, all edges have broken off. The glaze is weathered and dull. A thin, fine, grey layer is discernible underneath the glaze.	Turquoise, 7461 M	1.03 × 0.67 × 0.12
40380	H/-4, 15646	Fragment with one original manufacture edge; all other edges have broken off. The glaze is weathered with fine scratches. A thin, fine, white layer is discernible underneath the glaze. The core is fine and grey. The original manufacture surface of the core is preserved and has a possible textile imprint. The core varies strongly in thickness and tapers towards one edge, making the fragment triangular in section.	Turquoise, 314 M	2.53 × 2.11 × 0.1–0.52
40381	H/-4, 15646	Triangular fragment with three smoothed edges. One edge is concave, and the fragment possibly has a chevron shape. The glaze is dull and discoloured (dark turquoise at the centre and light greenish turquoise around the edges). A thin, fine layer is discernible underneath the glaze. The core is very fine.	Turquoise, 315 M, 3272 M	0.53 × 0.46 × 0.15
40382	H/-4, 15646	Fragment with broken-off, jagged edges. The glaze is uneven, warped and weathered with a white patina. Half of the fragment is light blue, the other half is white. A very small amount of white core material remains.	Light turquoise, white, 305 M, white (no equivalent)	0.63 × 0.57 × 0.07
40424	G/-3, 15658	Rectangular inlay (possibly fragmentary) with one possible original manufacture edge. The other three edges are smoothed. The glaze is weathered, patinated and bubbly. Bubbles are visible in the glaze close to two of the edges. A relatively thick, fine layer is discernible underneath the glaze. The core is fine and irregularly ground down.	Dark turquoise, 308 M	1.35 × 0.86 × 0.29
40425	G/-3, 15658	Triangular fragment with one original manufacture edge. The other two edges are smoothed. The glaze is weathered and dull. There is a small amount of glaze on the manufacture edge, and a very thin layer is discernible underneath the glaze. The core is fairly fine.	Dark blue, 7468 M	1.15 (longest edge) × 0.61 × 0.17
40426	K/-4, 15664	Irregularly shaped fragment with all edges broken off. The glaze is very weathered and dull. A fine, grey layer is discernible underneath the glaze. The core is fine.	Turquoise, 312 M	0.96 × 0.94 × 0.36
40427	K/-4, 15664	Right trapezoid tile fragment or inlay with four smoothed edges. The glaze is fairly weathered and dull. A fine, white layer is discernible underneath the glaze. The core is fairly thick.	Dark turquoise, 633 M	0.66 × 0.64 × 0.26
40428	K/-4, 15664	Fragment with one original manufacture edge. The other edges have broken off. The glaze is weathered. A thin, fine, white layer is discernible underneath the glaze. The core is fine.	Dark turquoise, 308 M	0.83 × 0.7 × 0.23
40462	G/-4, 15667	Fragment with all edges broken off. The glaze is weathered and dull. The core is mostly worn away.	Dark blue, 653 M	0.48 × 0.3 × 0.07
40463	G/-3, 15658	Fragment with all edges broken off. The glaze is well preserved. A thin, fine white layer is discernible underneath the glaze. The core is reddish to light beige in colour.	Turquoise, 3145 M	0.64 × 0.35 × 0.34

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
40464	J/-4, 15662	Rectangular inlay with two smoothed edges. The other two edges have been ground to shape. The glaze is slightly weathered and dull in places. A thin, fine, white layer is discernible underneath the glaze. The core is fine and thick and has been ground down to a triangular shape. A thin layer of pale greenish material covers part of the surface of the core.	Turquoise, 307 M	2.07 × 0.93 × 0.65
40466	K/-4, 15664	Rectangular with four edges ground to shape at right angles. Three of the edges are fairly straight and the underlying core is well formed along the edges. The glaze is weathered with some orange accretions. No second layer is discernible underneath the glaze.	Turquoise, 3125 M	1.97 × 1.73 × 0.5
40467	K/-4, 15664	Triangular fragment with one original manufacture edge. The other two edges have broken off. The glaze is well preserved and shiny. A thin, fine, grey layer is discernible underneath the glaze. The core is coarse and reddish white.	Pale blue, 5405 M	0.95 × 0.72 × 0.3
40468	K/-4, 15664	Fragment with one original manufacture edge. The other four edges have broken off. The glaze is well preserved and pitted along the original manufacture edge, which is turquoise.	Dark turquoise, 308 M	0.8 × 0.79 × 0.2
40469	I/-4, 15665	Possible fragmentary inlay with four smoothed sides. The glaze is well preserved and very shiny with a thin, white patina. A thin, fine, grey layer is discernible underneath the glaze. The core is ground down into a clear shape, tapering towards one edge, with a groove along one edge. The remaining two edges are cut vertically.	Dark blue, 287 M	1.39 × 1.36 × 0.36
40470	G/-4, 15667	Fragment with all edges broken off. The glaze is well preserved. A fine, white layer is discernible underneath the glaze. The core is fine and reddish white.	Turquoise, 306 M	0.71 × 0.48 × 0.28
40471	G/-3, 15658	Fragment with one smooth, slightly convex edge that is possibly bevel cut. The other three edges have broken off. The glaze is weathered and patinated. A thin, fine, grey layer is discernible underneath the glaze. The core is reddish white.	Dark blue, 7468 M	0.9 × 0.85 × 0.21
40472	K/-4, 15664	Five smoothed edges. The glaze is weathered and dull. A thin, fine, white layer is discernible underneath the glaze. The core is only roughly ground away and extends beyond the glaze along two edges. It is coarse and dark. Up to 0.22 cm beneath the glaze, the core has a lighter colour.	Turquoise, 3005 M	1.82 × 1.18 × 0.65
40473	G/-4, 15667	Fragment with all edges broken off. The core is fine and only a thin layer remains.	Dark greenish-blue, 330 M	0.59 × 0.35 × 0.14
40474	H/-4, 15646	Triangular fragment with one original manufacture edge. The other two edges have broken off. The glaze is thick, well preserved and slightly shiny. There is a small amount of glaze on the manufacture edge, and no second layer is discernible underneath the glaze. The core is fine and light brown.	Dark turquoise, 301 M	0.53 × 0.36 × 0.32
40475	H/-4, 15646	Fragment with one original manufacture edge. The other three edges have broken off. The glaze is well preserved and shiny with pitting along the manufacture edge. There is a small amount of glaze on the manufacture edge. The core is fine. A bevel cut is visible in the core, running parallel to the manufacture edge.	Dark turquoise, 316 M	0.99 × 0.49 × 0.33
40476	H/-4, 15656	Triangular fragment with all three edges broken off. The glaze is slightly weathered. A fine, white layer is discernible underneath the glaze. The core is fine, of which a very small amount remains.	Turquoise, 3125 M	0.59 × 0.36 × 0.15
40477	H/-4, 15656	Fragment of a medium blue faience inlay. Four edges are smoothed, one edge broken off. The glaze is weathered and slightly uneven. The core material is mostly weathered away.	Light blue, 284 M	1.58 × 1.53 × 0.21
40844	J/-4, 15727	Small fragment. A small part of the original manufacture edge seems to be preserved; the other edges are broken. The glaze is weathered and dull. Fine, grey core.	Dark turquoise, 3145 M	0.63 × 0.5 × 0.16
40877	K/-4, 15779	Fragment of a dark blue faience inlay. The glaze is well preserved and shiny but with grey discolorations. Very thick, fine layer beneath the glaze. Reddish white core material. The surface of the core is covered in black material (soot?). An unbroken bevel cut is visible on the reverse side. The edges seem to have been broken and have a bevel cut as well.	Dark blue, opaque, 294 M	1.32 × 0.96 × 0.29
40914	K/-4, 15906	Corner fragment of a fine, two-coloured inlay with very fine glaze and a very fine, thin, blue-grey core; glaze on two-coloured surface is vitrified (surface glassy). Two edges and the reverse side are smoothed. Appears to be a moulded inlay. Possibly a hieroglyph. <i>pXRF: elevated Cu, some Co, no Sb.</i>	Dark blue, dark green turquoise, 647 M and 321 M	0.86 × 0.5 × 0.08
40964	G/-3, 15763	Small fragment. At least one edge is bevel cut. The glaze is weathered. Fine, light beige core.	Turquoise, 314 M	0.64 × 0.42 × 0.19
40965	G/-3, 15763	Rectangular fragment. Three edges are rather smooth, possibly bevel cut. The glaze is well preserved and shiny. Thin, fine layer underneath the glaze and remains of reddish white core.	Dark blue, 2955 M	1.04 × 0.6 × 0.13
40966	G/-3, 15763	Oxhide-shaped. The glaze is well preserved. Fine layer underneath the glaze and a small amount of core.	Turquoise, 3115 M	0.65 × 0.64 × 0.13
40968	H/-4, 15646	Oxhide-shaped. The four edges are concave, and one point is broken off. The glaze is very weathered, dull and rough. Thin, fine layer underneath the glaze and a small amount of core.	Dark turquoise, 3145 M	0.57 × 0.53 × 0.09
40969	H/-4, 15646	Fragment, all edges have broken off. The glaze is well preserved and shiny. Fine layer underneath the glaze and a reddish white core.	Turquoise, 638 M	1.36 × 0.69 × 0.35
40970	H/-4, 15762	Fragment. Three edges have broken off, one edge is bevel cut. The glaze is weathered and dull. Fine, white layer underneath the glaze and brown core material (ground away at the bevel cut).	Turquoise, 307 M	0.9 × 0.5 × 0.17
40973	H/-4, 15778	Triangular fragment. The glaze is patinated. Fine, grey layer underneath the glaze. One edge is straight and appears to be original, the others are broken.	Dark blue (weathered), 3025 M	1.77 × 1.24 × 0.17
40974	H/-4, 15782	Small, triangular fragment. The longest edge is part of the original manufacture edge, the other two edges have broken off. The glaze is well preserved but patinated. Fine layer underneath the glaze and a small amount of core.	Dark blue, 2965 M	0.99 × 0.45 × 0.14
40975	H/-4, 15782	Small edge fragment. The glaze covers the original edge, the other three edges have broken off. The glaze is yellow on the edge of the reverse side where it formed over a fine, light orange material. An imprint is visible in the glaze. The core is light beige and very fine.	Dark violet-blue, 646 M	1.06 × 0.57 × 0.29
40976	H/-5, 15758	Fragment. Two edges are smooth (probably bevel cut); the longest edge is broken off and irregular. The glaze is patinated. Fine layer underneath the glaze and a small amount of core.	Dark blue, 303 M	1.34 × 0.77 × 0.12
40977	H/-5, 15758	Fragment. Three edges have broken off, two are smooth (possibly bevel cut). Dull glaze with turquoise discoloration. Fine layer underneath the glaze and a small amount of core.	Dark blue, 2965 M	1.26 × 1.09 × 0.18
40977	H/-5, 15758	Fragment. Part of the original manufacture edge is preserved, two edges have broken off and one edge is smooth (possibly bevel cut). Dull glaze with turquoise discoloration. Fine layer underneath the glaze and a small amount of core.	Dark blue, 2945 M	1.18 × 0.99 × 0.15
40978	I/-3, 15694	Tiny fragment, possibly waste. Long and narrow shape. All edges have broken off. Weathered glaze. Fine, grey layer underneath the glaze with no core material remaining.	Dark turquoise, 301 M	0.47 × 0.2 × 0.11
40979	I/-3, 15694	Tiny trapezoid fragment. The glaze is well preserved. Fine, white layer underneath the glaze with no core material preserved.	Turquoise, 310 M	0.25 × 0.24 × 0.06

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
40980	I/-3, 15694	Small fragment. All four edges have broken off (some might be bevel cut). The glaze is shiny. Fine, grey layer underneath the glaze with almost all of the core material ground down to a smooth surface.	Dark blue, 287 M	0.58 × 0.38 × 0.08
40981	I/-3, 15732	Very small fragment. All five edges have broken off. The glaze is well preserved. Thin, fine, white layer underneath the glaze and a very small amount of core material. Possible faint line of a bevel cut visible on the reverse side.	Turquoise, 311 M	0.33 × 0.28 × 0.12
40982	I/-4, 15629	Two fragments (fitting together), possibly waste. All edges have broken off. The glaze is very shiny and iridescent, though bumpy. Thin layer of relatively coarse, white core.	Dark blue, 7463 M	1.2 (together) × 0.9 × 0.19
40983	I/-4, 15630	Small, irregularly shaped fragment. All edges have broken off. The glaze is shiny but has a pitted and warped surface. Relatively coarse, white core.	Pale blue, 5435 M	0.66 × 0.6 × 0.18
40984	I/-4, 15755	Fragment of a faience tile. All edges have broken off. The reverse surface is slightly glazed. The glaze on the front surface is well preserved and shiny. Fine layer underneath the glaze and relatively fine, light beige core.	Dark turquoise, 7469 M	1.71 × 1.14 × 0.61
40985	I/-5, 15750	Fragment. A very small part of the original manufacture edge is preserved; all other edges have broken off. The glaze is weathered with a yellow accretion covering 50% of the surface. The colour fades to a lighter turquoise towards the manufacture edge. Fine, white layer underneath the glaze and relatively fine, reddish white core. The original thickness of the core seems to have been preserved.	Turquoise, 640 M	1.41 × 0.83 × 0.33
40986	I/-5, 15753	Trapezoidal fragment. All four edges have broken off. The glaze is weathered and dull. Fine, grey layer underneath the glaze. Almost all of the core material is ground down. The line of a bevel cut is visible on the reverse side, at the shortest edge.	Dark blue, 2965 M	0.77 × 0.7 × 0.12
40987	I/-5, 15753	Fragment. Irregular square; the longest edge is bevel cut. The glaze is dull and rough. Thin, fine, white layer underneath the glaze.	Turquoise, 641 M	1.23 × 1.18 × 0.18
40988	K/-4, 15628	Fragment, possibly waste. Irregularly shaped with all edges broken off. The glaze is weathered. Fine, white layer underneath the glaze and a reddish white core.	Dark blue, 7462 M	0.95 × 0.91 × 0.17
40989	K/-4, 15685	Fragment. Three smooth edges, one (the shortest) edge broken off. The glaze is well preserved and shiny but slightly uneven: it bends slightly upwards at the shortest edge. Thin, fine, grey layer underneath the glaze and a very small amount of reddish white core.	Dark pale blue, 7545 M	0.83 × 0.5 × 0.1
40990	K/-4, 15685	Small, triangular fragment. All three edges have broken off. The glaze is weathered with white accretions. Fine, white layer underneath the glaze and a small amount of coarse, grey core.	Dark turquoise, 308 M	0.58 × 0.42 × 0.2
40991	K/-4, 15729	Small fragment. Irregularly shaped with all edges broken off. The glaze is well preserved and shiny. Thin, fine layer underneath the glaze and a reddish beige core. Irregular chevron?	Dark turquoise, 7469 M	0.76 × 0.51 × 0.2
40992	K/-4, 15729	Very small, trapezoid fragment. One edge is smooth. The glaze is slightly weathered. Thin, fine layer underneath the glaze with very little core material remaining.	Dark turquoise, 7474 M	0.44 × 0.33 × 0.08
40993	K/-4, 15689	Very small fragment. All four edges have broken off. The glaze is weathered. Fine, grey layer underneath the glaze and a small amount of reddish white core.	Dark blue, 7462 M	0.52 × 0.34 × 0.12
40994	L/-4, 15689	Small fragment. All edges have broken off. The glaze is shiny but slightly weathered. Fine, grey layer underneath the glaze and a reddish white core.	Dark blue, 7462 M	0.4 × 0.37 × 0.18
40995i	L/-4, 15684	Trapezoid fragment. Small parts of the original manufacture edge are preserved on the short edges; the other edges have broken off. The glaze is weathered and discolored. Fine, grey layer underneath the glaze and a small amount of reddish white core.	Dark blue, 2965 M	1.53 × 0.75 × 0.15
40995ii	L/-4, 15684	Trapezoid fragment. Three smooth edges in addition to one (the shortest) edge that is broken off. The glaze is weathered. Fine, grey layer underneath the glaze and a small amount of reddish white core.	Dark blue, 3025 M	1.07 × 0.43 × 0.12
40996	L/-4, 15684	Small, irregular trapezoidal fragment. All four edges have broken off. The glaze is weathered. Fine layer underneath the glaze and a small amount of core material.	Dark blue, 3025 M	0.66 × 0.39 × 0.12
40997	L/-4, 15684	Small fragment. The longest edge seems to be part of the original manufacture edge (the glaze curves down slightly); the other four edges have broken off. The glaze is slightly weathered but shiny. Fine, grey layer underneath the glaze and a grey core.	Dark blue, 7462 M	0.74 × 0.45 × 0.16
40998	L/-4, 15684	Fragment. Rectangular with the longest edge part of the original manufacture edge and the three other edges broken off. The glaze is well preserved. A groove runs across the surface of the glaze (tool mark?). No fine layer underneath the glaze. Fine, dark brown core. A bevel cut runs parallel to the manufacture edge.	Dark turquoise, 633 M	0.94 × 0.68 × 0.42
40999	L/-4, 15684	Trapezoidal fragment, possibly waste. All edges have broken off. The glaze is well preserved. A large amount of unglazed core material adheres to the surface. The core is coarse and reddish white.	Dark turquoise, 301 M	1.95 × 1.75 × 0.4
41000	L/-4, 15684	Rectangular fragment. Two long parallel edges are bevel cut, the other two edges have broken off. The glaze is well preserved and shiny. Fine layer underneath the glaze and a reddish white core. One bevel cut is relatively steep, the other is tapering (the core was probably smoothed).	Turquoise, 3115 M	1.41 × 1.2 × 0.35
41001	L/-4, 15684	Triangular fragment. One edge is smoothed, two edges broken off. The glaze is patinated. Fine, white layer underneath the glaze and a very small amount of reddish white core.	Dark blue, 7462 M	0.8 × 0.59 × 0.17
41002	L/-4, 15684	Fragment. Long and rectangular with part of the original manufacture edge preserved. A bevel cut on the reverse side, parallel to the edge. The glaze is heavily weathered (dull and rough). No fine layer underneath the glaze. The core material is grey-brown.	Dark blue, 661 M	1.6 × 0.68 × 0.35
41003	L/-4, 15780	Small fragment. All edges have broken off. Fine, grey layer underneath the glaze and a reddish white core.	Dark blue, 303 M	0.68 × 0.54 × 0.21
41005	L/-4, 15796	Fragment. Two edges are straight; they form a right angle and have a rounded core underneath. The glaze is slightly weathered and pitted. Fine, white layer underneath the glaze. The core is reddish white and crumbly.	Turquoise, 7460 M	1.4 × 1.11 × 0.55
41037	I/-3, 15694	Fragment. All edges have broken off. The glaze is slightly uneven (the fragment probably comes from the edge of the master tile/sheet). Fine, brown core.	Dark blue, 302 M	0.77 × 0.66 × 0.16
41038	I/-3, 15694	Small, irregular fragment with all edges broken, possibly waste. The glaze is very weathered, and the colour is faded (it was originally a cobalt blue). The core material is reddish brown and relatively fine.	Blue, 542 M (original colour probably different, but cannot be determined due to weathering)	0.66 × 0.42 × 0.25

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
41792	K/-2, 17577	Fragment of a thick tile or inlay. One edge is the original manufacture edge, the other three edges have broken off. The core is ground down towards the centre of the tile and there are traces of a bevel cut. The glaze is well preserved, with turquoise speckling towards the centre of the tile and dark blue at the manufacture edge. Some dark blue and turquoise is visible on the manufacture edge. There is a possible tool mark on the surface of the bevel-cut edge. Relatively fine layer underneath the glaze and at the manufacture edge. Coarse, reddish white core. The thickness of the core varies, and the fragment is triangular in section. Possibly from the same master tile/sheet as object nos 42614, 42615, 42621, 42630 and 42637.	Dark blue, turquoise, 294 M, 3125 M	1.8 × 1.63 × 0.1–0.94
41793	I/-2, 17550	Edge fragment of a thick, turquoise inlay, glazing on both sides preserved but weathered, especially on one edge and one of the sides. Coarse, sandy brown core. Possibly from the same master tile/sheet as object no. 42845.	Dark turquoise, 633 M	3.7 × 2.1 × 1.3
41794	L/-3, 17657	Edge fragment of a thick tile or inlay. The manufacture edge is straight and unglazed with a small amount of blue colour on the core material. The tile is glazed on both sides. The glaze is fairly weathered but still shiny. One side has a larger amount of preserved glaze (surface 1). On this surface, the glaze is slightly uneven, there is a groove that exposes the core material and a lot of thin scratches. There is a significant variation in colour across the surface, some of it due to the way it was manufactured, some of it due to weathering. The glaze curves down slightly towards the manufacture edge. Underneath the glaze is a fine layer (but not underneath the glaze on the other side). The surface with the smaller amount of preserved glaze (surface 2) is slightly better preserved. The glaze is a lighter blue than that on the other surface, with a few thin scratches. It is pitted throughout, especially towards the manufacture edge, where the pitting exposes the core material. The tile is slightly thinner at the manufacture edge than towards the centre. The core material is fairly coarse and mid brown. An indentation is visible in the core material (a cavity formed during manufacture, or it may be a tool mark).	Dark blue (surface 1, varies); mid blue (surface 2), 287 M–296 M (surface 1), 2935 M (surface 2)	3.5 × 3.32 × 1.35–1.47
41795	L/-3, 17657	Fragment, medium thick. Possible edge (glazing seems to curve towards one straight edge/break), glazing well preserved, finer, sandy brown core.	Turquoise, 2995 M	3.4 × 2.6 × 0.6
41796	L/-3, 17657	Fragment of a medium-thick inlay. Glaze fairly well preserved with faint dimples; a finer, firm, sandy, brown core. Fine scratches across the surface of the glaze. Possibly from the same master tile/sheet as object nos 42832, 42842, 42844, 42849, 42851, 42853, 42855 and 42863.	Dark turquoise, 7469 M	2.9 × 1.5 × 0.45
42609	G/-2 N, 17505	Fragment. All edges have broken off. The glaze is well preserved. Thin, fine, grey layer underneath the glaze and a small amount of a fine, brown core. Possibly from the same master tile/sheet as object no. 42635.	Dark blue, 2955 M	0.98 × 0.67 × 0.11
42610	G/-2, 17505	Rhomboid fragment. All edges have broken off. The glaze is weathered, scratched, cracked and discolored but still shiny. Fine layer underneath the glaze. The core is thick and irregularly shaped.	Dark blue, 2965 M	1.47 × 1.23 × 0.51
42611	J/-2, 17508	Fragment with straight edges. Irregular shape, possibly intended as a rhomboid. The glaze is dull with turquoise discolorations and a missing patch through which the core material is visible. Fine layer underneath the glaze and a small amount of fine core material.	Dark blue, 294 M	1.24 × 0.88 × 0.13
42612	G/-4, 17513	Triangular. All edges are smoothed. The core is rounded. Very well-preserved glaze. The surface is very shiny with a few scratches. Fine, dark grey layer beneath the glaze and a fine, brown core. The shape is probably that of a lotus flower (see inlays on the throne of Tutankhamun: Cairo JE62028).	Dark blue, 2955 M	1.87 × 0.9 × 0.32
42613	G/-4, 17513	Small fragment with no original manufacture edge. Has five edges; two or more edges are smooth. The glaze is dull and weathered. The colour is dark blue, which is peppered with lighter and darker spots and turquoise discoloration. Thin core.	Dark blue, turquoise, 7462 M, 3255 M	1.31 × 0.95 × 0.12
42614	G/-4, 17513	Fragment, possibly waste. Part of the original manufacture edge is preserved. The opposite edge is cut off cleanly, giving the fragment a triangular shape in section. The other edge is broken off. The glaze is slightly weathered and pitted. The manufacture edge has a turquoise colour. The core is fine and light beige. Possibly from the same master tile/sheet as object nos 41792, 42614, 42621, 42630 and 42637.	Dark blue, 2955 M	0.7 × 0.46 × 0.1–0.4
42615	G/-4, 17513	Fragment, possibly waste. Part of the original manufacture edge is preserved. The opposite edge is cut off cleanly, giving the fragment a triangular shape in section. The other two edges have broken off. The glaze is slightly weathered and pitted. A thick drop of glaze extends over the manufacture edge and has a turquoise colour. The core is fine and light beige. Possibly from the same master tile/sheet as object nos 41792, 42614, 42621, 42630 and 42637.	Dark blue, 2955 M	0.87 × 0.47 × 0.1–0.47
42616	G/-4, 17513	Chevron shape. The glaze is well preserved and shiny, and curves downwards slightly at one tip. The core is light beige-grey.	Dark blue, 2945 M	0.75 × 0.7 × 0.19
42617	G/-5, 17514	Trapezoidal tile fragment. The longest edge is curvy and smooth. The glaze is slightly dull. Fine, grey layer underneath the glaze and a small amount of reddish white core.	Dark blue, 3025 M	0.81 × 0.53 × 0.12
42618	J/-5, 17515	Small fragment, tile. All edges have broken off irregularly. The glaze is shiny but patinated. No fine layer underneath the glaze. Coarse, reddish white core.	Dark blue, 7468 M	0.74 × 0.54 × 0.33
42619	K/-5, 17516	Fragment. All four edges have broken off. The glaze is slightly weathered and scratched but still shiny. Thin layer of core material.	Dark blue, 2955 M	1 × 0.8 × 0.12
42620	L/-4, 17517	Trapezoid with all four edges smoothed and a rounded reverse. One edge is convex. The glaze on the shortest edge is chipped. The glaze is intact but slightly dull, with some turquoise discoloration. The core material is light brown with pinkish white. There is a thick, fine, grey layer beneath the glaze.	Dark blue, 295 M	1.1 × 1 × 0.3
42621	L/-5, 17517	Triangular fragment, possibly waste. One original manufacture edge; the other two edges have broken off. The glaze is thick, well preserved and slightly shiny. There is a small amount of glaze on the manufacture edge. There is no fine layer underneath the glaze. The core is fine and light brown. Possibly from the same master tile/sheet as object nos 41792, 42614, 42615, 42630 and 42637.	Dark blue, 294 M	0.65 × 0.59 × 0.48
42622	L/-4, 17517	Fragment. Two edges are smoothed, the other two edges broken off. The glaze is slightly shiny. A small amount of light brown core material remains.	Dark blue, 3025 M	0.71 × 0.59 × 0.16
42623	L/-5, 17518	Fragment, possibly waste. Part of the original manufacture edge is preserved (corner fragment); the other edges have broken off. The glaze is well preserved and shiny, although very pitted and not perfectly flat. A small amount of core material remains. A groove in the core is visible. Possibly from the same master tile/sheet as object no. 42628.	Dark blue, 288 M	1.13 × 0.76 × 0.18
42624	L/-5, 17518	Triangular shape. All edges are smoothed. Weathered, dull dark blue glaze with one small pit, slightly iridescent. Thin layer of a fine, brown-grey core.	Dark blue, 303 M	1.02 × 0.62 × 0.12
42625	H/-5, 17519	Triangular. All three edges smoothed (part of one edge is broken off: this appears to be a fresh break). The glaze is slightly weathered. A relatively thick, fine, grey layer underneath the glaze. A small amount of coarse beige core material with red grains remains.	Dark blue, 7462 M	1.14 × 1.07 × 0.18
42626	H/-2, 17569	Fragment, possibly originally a triangle or rhombus based on the shape of the core. A large part of the glazed surface has broken off. Two edges are smoothed, one of them slightly convex. The glaze is weathered and cracked. Fine, dark brown layer underneath the glaze. Thick, fine, brown core that has been smoothed and shaped at the sides. The original thickness of the tile is preserved, with a possible textile imprint on the reverse side surface.	Dark blue, 7462 M	1.5 × 1.29 × 0.54

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
42627	K/-2, 17577	Small fragment. No original manufacture edge is preserved. One edge is smooth. The glaze is somewhat weathered but slightly shiny with some white discoloration. The colour is rather marbled, with dark turquoise and mid blue patches peppered with darker spots. Thin layer of medium-fine core material.	Dark turquoise, mid-blue, 327 M, 301 M	0.84 × 0.76 × 0.14
42628	L/-2, 17610	Triangular fragment. All three edges have broken off. The glaze is shiny but pitted and scratched. No fine layer underneath the glaze. Thick, very fine, dark grey-brown core. Possibly from the same master tile/sheet as object no. 42623.	Dark blue, 294 M	0.99 × 0.61 × 1.08
42629	L/-2, 17611	Small and roughly triangular. All edges smoothed. Well preserved glaze with fine scratches. Thin, fine, brown layer underneath the glaze. Very little of the core material remains.	Dark blue, 302 M	0.67 × 0.41 × 0.11
42630	K/-5, 17615	Fragment. Part of the original manufacture edge is preserved; the other edges have broken off. The glaze is well preserved, shiny and frayed at the manufacture edge, which is coloured turquoise. No fine layer underneath the glaze. The core material is coarse and reddish white. The original reverse surface of the core is preserved. Possibly from the same master tile/sheet as object nos 41792, 42614, 42615, 42621 and 42637.	Dark blue, turquoise, 2955 M, 3115 M	1.35 × 0.79 × 0.41
42631	J/-5, 17624	Very small fragment, possibly waste. All edges have broken off. The glaze is thick, shiny, glassy and slightly cracked. A small amount of coarse, white core material remains.	Dark blue, 653 M	0.62 × 0.33 × 0.09
42632	I/-2, 17659	Square fragment. Three possible original manufacture edges (glaze curves slightly on one side, some glaze on two sides); the other edge is broken off. The inlay is probably moulded. Glazed on one side only. The glaze is well preserved and shiny with some cracks. No fine layer underneath the glaze. Coarse, reddish white core.	Dark blue, 7462 M	0.93 × 0.92 × 0.27
42633	G/-5, 17698	Trapezoidal fragment. All four edges have broken off, with one unbroken bevel cut running parallel to the shortest edge on the surface of the core. The glaze is well preserved, slightly pitted and is a very dark blue at the shortest edge. Fine, grey layer underneath the glaze and a relatively fine core.	Dark blue, 294 M, 296 M	1.79 × 1.1 × 0.32
42634	G/-4, 17721	Small fragment. Part of the original manufacture edge is preserved, all other edges have broken off. The glaze is slightly weathered and curves downward at the manufacture edge. A small amount of grey core material remains, with some white accretions on the surface.	Dark blue, 2945 M	0.77 × 0.67 × 0.14
42635	G/-4, 17721	Triangular fragment. All three edges have broken off. The glaze is slightly dull. A thin layer of brown core material remains. Possibly from the same master tile/sheet as object no. 42609.	Dark blue, 294 M	1.41 × 1.06 × 0.13
42636	G/-5, 17728	Roughly triangular. All three edges are smoothed, one edge is slightly concave. The glaze is weathered and dull. Thin layer of very fine, light brown core (coarser core material has been ground away).	Dark blue, 282 M	1.26 (longest edge) × 0.7 (concave edge) × 0.12
42637	G/-5, 17728	Fragment. Part of the original manufacture edge is preserved, the other edges have broken off. The glaze is well preserved but pitted. Some turquoise glaze over the manufacture edge. Coarse, light beige core material that is ground down almost to the glaze at the edge closest to the centre of the tile. Possibly from the same master tile/sheet as object nos 41792, 42614, 42615, 42621 and 42630.	Dark blue, turquoise, 2955 M, 3135 M	0.69 × 0.68 × 0.1–0.27
42829	I/-3, 17503	Small fragment. Four edges, of which one is convex and one is concave. The glaze is dull, weathered and slightly pitted. Thin, fine layer underneath the glaze and a thin layer of fine core.	Green turquoise, 7473 M	0.71 × 0.64 × 0.1
42830	H/-2 N, 17506	Fragment. One edge is smooth and three edges have broken off. The glaze is slightly weathered. The core material is entirely ground away, leaving a smoothly polished, fine layer underneath the glaze.	Turquoise, 632 M	1.08 × 0.86 × 0.07
42831	I/-2 N, 17506	Trapezoid. All four edges are smoothed (part of the shortest edge is possibly chipped off – the edge might have originally been concave). Thin, ground-down core (light beige, very fine). Weathered, dull glaze with scratches.	Dark blue, 303 M	0.7 × 0.65 × 0.15
42832	I/-2, 17507	Small, irregular fragment with no original manufacture edge preserved, possibly waste. Possibly originally trapezoidal. Well-preserved glaze, slightly bumpy surface; thin layer of fine, brown core. Fine scratches across the surface of the glaze. Possibly from the same master tile/sheet as object nos 41796, 42842, 42844, 42849, 42851, 42853, 42855 and 42863.	Turquoise, 640 M	1.3 × 0.95 × 0.19
42833	J/-2, 17508	Rectangular. Two smoothed edges, two broken edges (vertical breaks, possibly still a complete inlay). The glaze is well preserved and shiny. Thin, fine, white layer underneath the glaze. Thick, fine, brown core. The core is rounded at the two smoothed edges.	Turquoise, 641 M	1.16 × 0.98 × 0.49
42834	K/-2, 17509	Roughly rectangular fragment. Three edges are smoothed; the other seems to have broken off. The glaze is well preserved and slightly shiny. Thin, fine layer beneath the glaze and coarse core material.	Turquoise, 640 M	0.94 × 0.57 × 0.25
42835	K/-3, 17510	Fragment. All edges have broken off, possibly originally trapezoidal in shape(?). Fine layer underneath the glaze and a relatively fine core.	Dark turquoise, 7474 M	0.78 × 0.73 × 0.26
42836	G/-4, 17513	Triangular. One long edge is concave. All three edges are smoothed. Weathered, dull and discoloured glaze. Fine, brown core, ground down to a thin layer.	Dark blue, 7468 M	0.83 × 0.58 × 0.1
42837	G/-5, 17514	Triangular. The glaze is very rough and heavily weathered with most of the surface discoloured. A thin, white layer is visible beneath the glaze. The core material is fairly coarse and light beige-brown in colour. The original thickness of the master tile/sheet is preserved; the thickness varies.	Turquoise, 307 M	2.45 (longest edge) × 1.54 × 0.19–0.34
42838	G/-5, 17514	Fragment. Edges may be broken off. Overall roughly trapezoidal shape. The glaze is weathered. No fine layer underneath the glaze. Thin layer of fine core.	Dark green turquoise, 7470 M	1 × 0.7 × 0.15
42839	G/-5, 17514	Fragment. A small part of the original manufacture edge is preserved. Two edges are at a right angle and probably bevel cut. The glaze is slightly dull with some specks of turquoise. Fine, white layer underneath the glaze. Light reddish beige core. The core is ground down along the edge, with only a thicker patch remaining at the centre of the fragment.	Dark blue, 302 M	1.35 × 1.16 × 0.33
42840	G/-5, 17514	Possibly a chevron. Smoothed edges. The glaze is intact but slightly dull and pitted. Thin, light beige layer underneath the glaze and a fine, brown core.	Turquoise, 312 M	0.91 × 0.84 × 0.12
42841	J/-5, 17515	Fragment. Right trapezoid, three edges are smoothed and at right angles, one edge probably broken off. Well-preserved, shiny glaze. Thin, fine, white layer underneath the glaze. Fine, rounded core.	Turquoise, 640 M	0.98 × 0.54 × 0.27
42842	K/-5, 17516	Rhomboid fragment. Two edges are smoothed, the others have broken off. The glaze is well preserved but slightly pitted and with fine scratches. Fine, light brown layer underneath the glaze and a coarser, darker core. Possibly from the same master tile/sheet as object nos 41796, 42832, 42844, 42849, 42851, 42853, 42855 and 42863.	Dark turquoise, 634 M	1.1 × 0.81 × 0.17
42843	K/-5, 17516	Small, square fragment. Three edges are smoothed, one edge and one corner have broken off. Dull glaze with white patina. Fine, grey layer underneath the glaze. Thin layer of fine, beige-brown core.	Dark blue, 3035 M	0.67 × 0.67 × 0.15

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
42844	K/-5, 17516	Irregularly shaped fragment with no original manufacture edge. All edges have broken off. Dull glaze with fine scratches across the surface. Thin, fine, white layer underneath the glaze. Relatively fine core. The original reverse surface of the core is preserved. Possibly from the same master tile/sheet as object nos 41796, 42832, 42842, 42849, 42851, 42853, 42855 and 42863.	Turquoise, 640 M	2.03 × 1.19 × 0.23
42845	L/-4, 17517	Small, triangular edge fragment, possibly waste. Dull, dark turquoise glaze with light turquoise specks. Some colour extends over the original manufacture edge. Fine, light beige layer underneath the glaze. Thick, relatively fine, brown core. Possible tool marks on the core of the longest edge. Possibly from the same master tile/sheet as object no. 41793.	Turquoise, 639 M	0.82 × 0.52 × 0.43
42846	L/-5, 17518	Fragment. No worked edge. All edges have broken off and jagged. The glaze is dull. Thin, fine beige layer underneath the glaze. Thick, fine core. The original reverse surface of the master tile/sheet is preserved. Some white discoloration on the core material.	Dark turquoise, 7474 M	1.1 × 0.73 × 0.43
42847	L/-5, 17518	Small, irregular fragment, possibly waste. No original manufacture edge. All edges have broken off and are jagged. Weathered, dull and pitted glaze. A very thin, fine, white layer underneath the glaze. Fine, brown core.	Turquoise, 639 M	0.72 × 0.63 × 0.24
42848	L/-5, 17544	Small fragment, parallelogram. At least three edges are smooth. The glaze is weathered and slightly dull. Thin, light beige layer underneath the glaze. The coarser core material has been almost completely ground away.	Dark turquoise, 7469 M	0.68 × 0.53 × 0.09–0.13
42849	L/-5, 17544	Triangular fragment. Two unworked edges, one edge maybe worked. The glaze is weathered, dull and pitted, with fine scratches, white accretions and some discoloration. No fine layer underneath the glaze. The original underside of the master tile/sheet is preserved, with traces of a textile impression. The thickness of the tile varies. Possibly from the same master tile/sheet as object nos 41796, 42832, 42842, 42844, 42851, 42853, 42855 and 42863.	Turquoise, 640 M	2.33 × 1.4 × 0.34–0.46
42850	I/-2, 17550	All four edges are smooth. One very short edge, two straight edges of the same length, one convex edge. The glaze is dull and scratched. Thin layer of fine core.	Dark green turquoise, 7470 M	1.03 × 1.1 × 0.11
42851	I/-2, 17565	Small, roughly triangular. All edges are smoothed (3–4 edges). Well-preserved, shiny glaze. No fine layer underneath the glaze. Fine, brown core. Possibly from the same master tile/sheet as object nos 41796, 42832, 42842, 42844, 42849, 42853, 42855 and 42863.	Turquoise, 7460 M	0.68 × 0.31 × 0.12
42852	H/-2, 17569	Possible chevron. Smoothed edges. Rounded core. The glaze is weathered and discolored with opaque, light turquoise discoloration over the darker turquoise glaze. Thin, white layer and a medium-fine, dark brown core.	Turquoise, light turquoise, 640 M, 331 M	1.6 × 1.05 × 0.3
42853	K/-2, 17577	Fragment. One edge is smoothed, the other four edges have broken off. Well-preserved but uneven and dull glaze. Fine scratches across the surface of the glaze. Light beige, fine, thin layer underneath the glaze and a fine, light beige core. Possibly from the same master tile/sheet as object nos 41796, 42832, 42842, 42844, 42849, 42851, 42855 and 42863.	Turquoise, 641 M	1.3 × 0.94 × 0.21
42854	K/-2, 17577	Equilateral triangle. All three edges are smoothed. Underneath the glaze is a relatively thick, fine, grey layer and a small amount of coarse, brown core material. The core material has mostly been ground away and the reverse side is flat. The glaze is dark turquoise, well preserved and shiny but slightly pitted, with fine scratches on the surface.	Turquoise, 641 M	0.86 × 0.91, 0.94, 0.95 (sides) × 0.16
42855	K/-2, 17595	Chevron. All edges are smoothed. The glaze is well preserved with a thin, light beige layer underneath the glaze and a medium-fine core. Possibly from the same master tile/sheet as object nos 41796, 42832, 42842, 42844, 42849, 42851 and 42863.	Turquoise, 641 M	1.15 × 0.7 × 0.19
42856	I/-2, 17603	Trapezoid with all four edges smoothed and a rounded reverse. The glaze is well preserved and very shiny. There is a thin, white layer beneath the glaze.	Turquoise, 641 M	0.8 × 0.6 × 0.4
42857	L/-2, 17611	Fragment, possibly waste. No worked edge. Possibly a small part of the original manufacture edge is preserved (glaze curves slightly towards one edge). The glaze is slightly weathered. Fine core. Possibly from the same master tile/sheet as object no. 42866.	Dark turquoise, 633 M	0.68 × 0.51 × 0.14
42858	L/-2, 17611	Trapezoid. At least one side smoothed. The core is rounded at the two sloping sides and vertical at the two parallel sides. The glaze is weathered and slightly dull. Fine, white layer underneath the glaze. Reddish white core.	Turquoise, 639 M	1.48 × 0.8 × 0.31
42859	L/-2, 17611	Triangular fragment. Slightly weathered, dull and pitted glaze. May be roughly worked, but the edges are not smoothed. Thin, fine, light beige layer underneath the glaze. Fine core. Original reverse side is preserved and has possible textile imprints.	Turquoise, 640 M	2.4 × 0.92 × 0.23–0.3
42860	L/-2, 17631	Small fragment. The glaze is well preserved and slightly patinated. Thin, fine layer underneath the glaze. Fine, light brown core.	Turquoise, 3125 M	1.05 × 0.75 × 0.14
42861	G/-3, 17687	Square fragment. Three edges are smoothed, one edge broken off. The glaze is weathered and dull. Fine layer underneath the glaze and a small amount of a fine, brown core.	Dark turquoise, 327 M	0.57 × 0.59 × 0.14
42862	G/-5, 17698	Fragment. One edge is smooth, possibly bevel cut. The core is rounded. The glaze is well preserved but slightly dull. A white material (lime?) covers part of the core. Thin, fine layer underneath the glaze and fine core.	Dark blue, 7468 M	0.78 × 0.54 × 0.29
42863	H/-5, 17702	Irregular fragment with one very small part of the original manufacture edge. Well-preserved glaze but worn off towards edge. Fine, white layer. Possibly from the same master tile/sheet as object nos 41796, 42832, 42842, 42844, 42849, 42851, 42853 and 42855.	Dark blue, 7468 M	2 × 1.15 × 0.3
42864	H/-5, 17702	Fragment. Small and irregular shape with all edges broken off. The glaze is dull and weathered. Thin, fine layer underneath the glaze. A small amount of fine, brown core material.	Turquoise, 313 M	0.86 × 0.66 × 0.16
42865	G/-4, 17721	Irregular diamond-shaped fragment. The shortest edge is smooth, possibly bevel cut. The glaze is weathered and dull. Thin, fine layer underneath the glaze and a relatively fine, brown core.	Turquoise, 7472 M	1.49 × 1.17 × 0.36
42866	G/-5, 17728	Fragment. Three edges are smoothed, one edge broken off (jagged). Well-preserved glaze. Fine, thin, white layer beneath the glaze. Relatively thick core. Possibly from the same master tile/sheet as object no. 42857.	Turquoise, 640 M	0.95 × 0.8 × 0.35
42867	G/-5, 17728	Triangular fragment with no original manufacture edge. All three edges broken off. Dull, rough glaze with white, opaque patina on surface. Fine, white layer underneath the glaze. Core with textile impressions (original thickness of the tile preserved). The thickness of the core material varies.	Dark turquoise, 633 M	2.35 × 1.22 × 0.17–0.32
42868	K/-2, 17577?	Trapezoidal fragment. Three smooth edges and one broken-off edge. The glaze is well preserved. Fine layer underneath the glaze and a very small amount of fine core.	Dark green turquoise, 7470 M	0.66 × 0.68 × 0.11
42889	G/-2, 17505	Very small fragment. The glaze is dull, rough and fairly weathered. Thin, fine, white layer underneath the glaze and remnants of a fine core.	Dark turquoise, 633 M	0.42 × 0.36 × 0.12
42890	I/-2, 17507	Fragment. Triangular; // all edges have broken off. The glaze is weathered, pitted and dull. There is no fine layer underneath the glaze. The core is thick, coarse and reddish white.	Turquoise, 3125 M	0.72 × 0.68 × 0.75

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
42891	I/-2 N, 17507	Small, irregular rectangular fragment. Glaze curves slightly towards one edge (possibly the manufacture edge). Well-preserved glaze. Thin, fine layer and remnants of a dark brown core.	Turquoise, 306 M	0.71 × 0.6 × 0.19
42893	G/-5, 17514	Fragment. Two smooth edges, possibly bevel cut. The glaze is weathered with fine cracks. Fine, grey layer underneath the glaze and a very thin layer of core.	Dark turquoise, 7474 M	0.95 × 0.89 × 0.15
42894	G/-5, 17514	Fragment. Irregularly shaped with one concave edge. Thin, dull and weathered glaze. Eroded core. Relatively thick, fine layer underneath the glaze and a small amount of darker brown core.	Turquoise, 312 M	1.21 × 1.08 × 0.17
42895	J/-5, 17515	Small fragment. All edges broken off. Weathered, dull glaze. No fine layer underneath the glaze. Coarse, reddish white core.	Light turquoise, 637 M	0.67 × 0.59 × 0.27
42896	J/-5, 17515	Small trapezoidal fragment. All four edges have broken off. Partially dull, weathered glaze. Thin, white layer underneath the glaze. Fine core.	Turquoise, 631 M	0.65 × 0.5 × 0.2
42898	J/-5, 17515	Fragment. Part of the original manufacture edge is preserved, with the other three edges broken off. The glaze is well preserved and shiny with some pitting and green discoloration. The glaze is thicker, irregular and slightly bubbly towards the edge. Thin, fine, white layer underneath the glaze. Relatively fine core. The original reverse surface of the core is preserved. The core is ground down on one side, forming a groove. This is probably a bevel cut. Possibly from the same master tile/sheet as object no. 42919.	Turquoise, 641 M	1.77 × 1.05 × 0.48
42899	K/-5 S, 17516	Trapezoid with all four edges smoothed and a rounded reverse. The glaze is intact but dull and with some dark turquoise discoloration. The core material is light beige. Thin, white layer beneath the glaze. The core is thickest at the shortest edge and thins towards the longest edge.	Light turquoise, dark turquoise, 630 M, 633 M	1.4 × 1.1 × 0.4
42900	K/-5, 17516	Fragment. Part of the original manufacture edge is preserved; the other two edges have broken off. The glaze is slightly weathered and pitted. It extends downwards on the manufacture edge for c.1 mm. There is no fine layer underneath the glaze. The core is very thick, reddish white and coarse.	Turquoise, 3115 M	1.51 × 0.66 × 0.91
42901	K/-5, 17516	Small, triangular fragment of inlay, possibly waste. All three edges have broken off. Weathered, dull and discoloured glaze. No fine layer underneath the glaze. Possibly from the same master tile/sheet as object no. 42910.	Turquoise, 639 M	0.77 × 0.49 × 0.27
42902	L/-4, 17517	Fragment. Well-preserved glaze that is partly covered by a yellowish layer. Thin, fine layer underneath the glaze and a fine core.	Turquoise, 640 M	0.72 × 0.59 × 0.23
42903	L/-4, 17517	Fragment. Right trapezoid with the two long edges smoothed and the two short edges broken off. The glaze is fairly weathered and dull. Thin, fine, light beige layer underneath the glaze. Fine core. The core is ground away, with a slope towards the longest side.	Turquoise, 632 M	1 × 0.53 × 0.28
42904	L/-4, 17517	Fragment. The edges seem not to have been smoothed, but the core is mostly ground away. The fragment is probably part of or was close to the original manufacture edge of the master tile/sheet. Weathered, pitted glaze, which varies between dark blue and a turquoise discoloration. A thin, fine layer is visible underneath the glaze; most of the coarser core material is ground away.	Dark blue, turquoise (discoloration), weathered, 302 M, 328 M	0.69 × 0.47 × 0.11
42905	L/-4, 17517	Fragment, possibly waste. All edges have broken off. The glaze is weathered and dull. Thin, fine, light beige layer underneath the glaze. Moderately fine, brown core.	Turquoise, 638 M	0.72 × 0.57 × 0.25
42906	L/-5, 17518	Fragment. Left trapezoid with the longest edge possibly bevel cut. Three lines run parallel on the reverse side in the fine layer underneath the glaze. The glaze is well preserved. Very little traces of the core material on the fine, white layer.	Light turquoise, 637 M	0.79 × 0.46 × 0.17
42907	L/-5, 17518	Triangular. All three edges are smoothed; the shortest side is slightly convex. The core is rounded but unevenly ground away, with most of the core material ground away underneath one tip and one edge. The glaze is fairly well preserved and light turquoise in colour. It is pitted across its entire surface. Thin, fine, light beige layer and moderately coarse core.	Light turquoise, 637 M	1.24 × 0.95 × 0.28
42908	L/-5, 17518	Fragment. Rectangular: two edges are smoothed and form a right angle, the other edges have broken off. The glaze is very weathered and almost completely worn away. Fine layer underneath the glaze. Small amount of fine, brown core material.	Turquoise, 3125 M	0.97 × 0.78 × 0.14
42909	L/-5, 17518	Small, trapezoidal fragment. All four edges have broken off. The glaze is weathered and dull. Thin, fine layer underneath the glaze. Fine, brown core; ground down and flat.	Light turquoise, 630 M	0.68 × 0.57 × 0.12
42910	J/-2 N, 17534	Fragment. Rectangular, all edges have broken off. The glaze is weathered, dull and has brown accretions. No fine layer underneath the glaze. Coarse, light reddish core.	Turquoise, 632 M	1.1 × 0.65 × 0.26
42911	L/-5, 17544	Small fragment. All edges have broken off. The glaze is weathered and dull. No fine layer underneath the glaze. Coarse, reddish white core.	Light turquoise, 637 M	0.65 × 0.58 × 0.51
42912	L/-5, 17544	Fragment. Irregular shape. One edge is smoothed and has a rounded core; the other edges have broken off. The glaze is slightly weathered. Thin, fine, white layer underneath the glaze. Thick, coarse, reddish white core.	Turquoise, 631 M	1.27 × 1.22 × 0.42
42913	I/-2, 17550	Fragment. All edges have broken off. The shape is warped (irregular surface). The glaze is very weathered and dull with dark discolorations. No fine layer underneath the glaze. Coarse, dark brown core.	Light green, 7464 M	1.13 × 0.52 × 0.21
42914	H/-2 N, 17565	Small fragment, possibly waste. All edges have broken off. Very weathered. The glaze is dull and patinated. No fine layer underneath the glaze. Coarse, reddish white core.	Turquoise, 639 M	0.56 × 0.42 × 0.14
42916	J/-5, 17572	Small fragment, possibly waste. Rectangular, all edges have broken off. The glaze is very thick, patinated, glassy and warped. The glaze is much thicker on one half of the fragment. A small amount of fine, light brown core material remains.	Turquoise, 3125 M	0.67 × 0.32 × 0.09–0.15
42917	K/-2, 17577	Fragment, possibly waste. Irregular, elongated shape. The glaze is very weathered and dull with white accretions covering the surface. Coarse, brown core with no fine layer underneath the glaze.	Dark turquoise, 633 M	1.72 × 0.57 × 0.2
42918	K/-2, 17577	Fragment. Rectangular with two sides smoothed and two sides broken off. The glaze is weathered and dull with a light greenish patina. Thin, fine layer underneath the glaze. Rounded, reddish white core.	Turquoise, 312 M	0.85 × 0.44 × 0.22
42919	K/-2, 17595	Rectangular fragment. Part of the original manufacture edge is preserved; the other three edges have broken off. Small edge fragment with irregular edge. The glaze is well preserved and shiny with some green discoloration. The glaze curves down slightly at the manufacture edge. No fine layer underneath the glaze. Well-preserved glaze, irregular at the edge. Fine core. Part of the original surface of the core is preserved, which is ground down at one edge (probably a bevel cut). Possibly from the same master tile/sheet as object no. 42898.	Turquoise, 639 M	1.28 × 0.82 × 0.45
42920	L/-2, 17611	Trapezoidal fragment. All four edges have broken off. The glaze is weathered and finely pitted with some dark discoloration. Thin, fine, white layer underneath the glaze. Fine core, preserved in its original thickness. On the surface of the core, there are possible textile imprints visible. A white material (lime?) covers part of the surface of the core.	Dark turquoise, 7474 M	1.95 × 1.52 × 0.28

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
42921	L/-2, 17611	Fragment. Part of the original manufacture edge is preserved; the other three edges have broken off. The glaze is well preserved and shiny, and it curves down slightly over the manufacture edge. There is no fine layer underneath the glaze. Reddish white core.	Light turquoise, 630 M	0.93 × 0.82 × 0.3
42922	J/-5, 17622	Small, rectangular fragment. At least two edges seem to be bevel cut, with one unbroken bevel cut visible on the reverse side. The glaze is well preserved. Fine, white layer underneath the glaze and a very small amount of brown core.	Turquoise, 631 M	0.72 × 0.43 × 0.17
42923	H/-5, 17702	Elongated trapezoidal fragment. No original manufacture edge, all edges have broken off. The glaze is weathered and dull with opaque, green accretions across the surface. Thin, fine, beige layer underneath the glaze.	Turquoise, 641 M	1.22 × 0.58 × 0.38
42924	H/-5, 17702	Roughly triangular. All edges are smooth. The core is rounded, with the core material ground down to the fine layer underneath the glaze at the longest side (bevel cut?). Relatively thick faience inlay. The glaze is weathered, dull and pitted. Fine, light beige layer underneath the glaze and fine core. There seems to be a textile imprint on the reverse side(?). Original bottom of the tile is preserved and the thickness of the inlay is probably the thickness of the entire master tile/sheet.	Turquoise, 638 M	1.15 × 0.72 × 0.4
42925	H/-5, 17702	Fragment. Irregular shape with all edges broken off. Heavily weathered, almost completely abraded glaze. Thin, fine layer underneath the glaze. Brown core.	Turquoise, 3252 M	1.02 × 0.84 × 0.15
42926	H/-5, 17702	Triangular. All three edges are smoothed with part of one edge broken off. The glaze is very weathered and dull with some white accretions. Beneath the glaze is a thin, fine, light beige layer. Unevenly ground-down core.	Turquoise, 632 M	0.86 × 0.77 (along broken edge) × 0.23
42927	G/-4, 17721	Fragment. Four edges are smoothed, one edge broken off. The glaze is heavily weathered and almost completely worn away. Relatively thick, fine, white layer underneath the glaze. Fine, brown core, which is rounded at the smoothed edges.	Turquoise, 312 M	1.66 × 1.11 × 0.24
42928	G/-5, 17728	Small, trapezoidal fragment. All edges have broken off. The glaze is partially dull and weathered. Fine, white layer underneath the glaze. Small amount of core.	Turquoise, 638 M	0.68 × 0.42 × 0.14
42929	G/-3, 17750	Fragment. All edges have broken off. The glaze is weathered and dull. There is no fine layer underneath the glaze. Fine core.	Turquoise, 639 M	0.58 × 0.5 × 0.23

Table 10.8 A large fragment of faience, possibly from a brick or a stela.

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
41055i	K/-4, 15687	Large fragment of faience, possibly of a brick or a stela. Irregularly shaped lump with a flattish lower surface and a flat upper surface that is marked by an irregular patch of faience glaze (3.5 × 1.8 cm). None of the other edges appear to be original, and they are all abraded. Most of the edges are rounded, although one is vertical. The lump consists of a whitish paste with rounded and sub-angular quartz grains that appear to have fused together. Much dirt remains in the gaps between the grains, so it is not entirely possible to determine how they have fused together. The fact that there is a layer of glaze on the top of the object indicates that it was dried and heated: at first, efflorescence had taken place, then the glazing layer had developed through baking. The baking may have been only light. In addition, the object itself is so thick that it could not have been baked through, resulting in a crumbly core.	Turquoise, 313 M	7.3 × 5.8 × 4.8

CHAPTER 11: COPPER ALLOY PRODUCTION AT AMARNA: EVIDENCE FROM M50.14–16

Table 11.1 Overview of metal finds from M50.14-16. For details on compositional data, see chapter 11.2.

Crucible interior contaminations are reported as trace (tr), low (+), medium (++) or high (+++). This legend is qualitative (cf. section 11.2). Traces reflect very low concentrations measured at the crucible surfaces, while low to high signals reflect more elevated concentrations measured at the crucible surfaces: the actual concentration of these elements in the crucible charge may have been higher or lower.

Object no.	Provenance	Type	Description	Dimensions (cm)	Weight (g)	Compositional data
40500	H/-4, 15646	Strip	Thin fragment with a flattened profile, rectangular cross-section.	L × W × T=1.9 × 0.3 × 0.2	0.23	Cu: +++ Sn: +
40501	H/-4, 15620	Casting spill	Roughly triangular fragment with one edge slightly rounded, thickening irregularly towards middle, slightly concave along longest axis. Several spiky protrusions along long edge. Possibly casting spill of peculiar shape or cut/broken fragment.	L × W × T=1.5 × 0.85 × 0.4	1.13	Cu: +++ As: tr Sn: +(+)
40502	H/-4, 15646	Rod	Thin fragment with a rounded section, gently curving along its longest profile. Corrosion missing from one end, possibly more recently broken.	L × diam.=2.9 × 0.13	0.28	Cu: +++ Pb: tr Sn: +
40503	K/-4, 15664	Blade	Flat ribbon, curving and narrowing to a point at one end: blade fragment.	L × W × T=6 × 0.9–0.1 × 0.24	2.05	Cu: +++ Pb: tr As: +
40580	H/-4, 15646	Rod	Short, straight rod.	L × diam.=1.91 × 0.15	0.08	Cu: +++ Sn: +
40581	J/-4, 15679	Rod	Short rod, slightly bent. One end may have been clipped off (slightly squeezed, but difficult to see through corrosion).	L × diam.=1.76 × 0.11	0.1	Cu: +++ As: + Sn: (tr)
40582	I/-4, 15755	Rod	Short rod, straight. Surface oxidation causes a slight bump close to one end. Probably cut on both sides (irregular ending, some material pushed outside diameter on one end, cut at an angle on other end).	L × diam.=1.57 × 0.12	0.08	Cu: +++ As: tr Sn: (tr)
40583	I/-5, 15761	Rod	Short rod with slight ‘S’ curve along its length.	L × diam.=2.05 × 0.2	0.16	Cu: +++ Sn: +(+)
40584	K/-4, 15687	Hook/rod	Rod, straight along about half of the rod’s length, then curved into a loose loop. Very fine with a point on the curved end.	L × diam.=1.34 × 0.07	<0.01	Cu: +++ As: tr Sn: tr
40585	L/-4, 15684	Rod	Short rod (likely end broken off), rectangular cross-section. Bent at an angle of c.130 degrees.	L × diam.=0.73 × 0.16	0.17	Cu: +++ Pb: tr As: +
40586	I/-5, 15761	Rod	Straight rod, slightly narrower at one end. The metal seems to curve over on itself at the wider end and is hollow: difficult to see under magnifier due to high amount of corrosion but may be a sheet folded along the long axis into a thin rod, closed (folded over itself) at the far end. Unlikely to be a fully cast rod ‘pierced’ at the end (nor hollowing through corrosion).	L × diam.=2 × 0.22–0.26	0.2	Cu: +++ Pb: (tr) As: + Sn: (tr)
40587	I/-5, 15753	Awl	Tool, probably an awl. Slightly bent about midway along its length. Flattened on one side (end broken off); round and narrowing to a fine point on the other end.	L × diam.=2.87 × 0.07–0.27	0.65	Cu: +++ Sn: +
40588	H/-4, 15646	Rod	Fragment, possibly the pointed end broken off a rod.	L × diam.=0.62 × 0.21	<0.01	Cu: +++ Sn: +
40589	H/-4, 15646	Blade	Blade tip fragment. Blade probably had a flat cutting edge and a slightly rounded upper edge. The cutting edge is slightly narrower than the rest of the tip, and it is not straight (dented). The far end is unlikely to be a fracture. It has a protrusion at both the top and bottom, most likely for attachment to an organic haft (short blade).	L × W × T=1.21 × 0.2–0.6 × 0.11	0.22	Cu: +++ Pb: tr As: + Sn: ++

Object no.	Provenance	Type	Description	Dimensions (cm)	Weight (g)	Compositional data
40590	G/-3, 15650	Strip	Strip or ribbon fragment, slightly bent and twisted inwards along the length. One end of the strip is wider than the other.	L × W × T=2.09 × 0.37–0.52 × 0.09	0.33	Cu: +++ Pb: tr As: tr Sn: +(+)
40591	I/-3, 15645	Blade	Blade tip fragment. The narrow cutting edge curves outward, while the non-cutting edge is straight and thicker.	L × W × T=1.8 × 0.24–0.72 × 0.1–0.19	0.75	Cu: +++ Pb: tr As: tr Sn: +
40645	H/-4, 15762	Casting spill	Casting spill (lump). A small fragment has broken off the larger piece. Irregular shape.	L × W × T=2.08 × 1.5 × 1.08	3.38	Cu: +++ Pb: tr As: (tr) Sn: ++
40666	L/-4, 15785	Gold foil	Tiny gold foil fragment. Twisted strand.	L × W × T=0.45 × N/A × < 0.1	<0.01	Au: +++ Ag: +
40667	L/-4, 15793	Chisel (?)	Fragment of square section rod or possibly a chisel, given the slightly broader end (but difficult to see due to corrosion).	L × diam.=2.95 × 0.48	1.45	Cu: +++ Pb: (tr) As: (tr) Sn: +
40668	L/-4, 15793	Hook/rod	Rod fragment, bent into a hook shape. Broken at both ends.	L × diam.=2.02 × 0.3	0.46	Cu: +++ Sn: +
40703	G/-4, 15655	Sheet	Flat sheet fragment. Edges have been cut (probably cutting waste).	L × W × T=0.76 × 0.71 × 0.08	0.05	Cu: +++ As: +(+)
40704	I/-3, 15794	Rod	Rod fragment, bent and slightly wider at one end.	L × W × T=2.7 × N/A × 0.2–0.27	0.32	Cu: +++
40705	I/-5, 15753	Sheet/rod	Slightly flattened (single) sheet fragment with irregular ends folded together into fine rod.	L × W × T=1.06 × 0.65 × 0.32	0.47	Cu: +++ Pb: + As: tr Sn: +(+)
40706	H/-4, 15656	Tool (?)	Possibly a tool fragment.	L × W × T=1.11 × 0.53 × 0.39	0.28	Cu: +++ Sn: +
40707	I/-3, 15794	Rod/strip	Rod or strip fragment, slightly flattened and thinner at one end.	L × diam.=1.59 × 0.15–0.27	0.11	Cu: +++ Sn: (tr)
40708	K/-4 / L/-4, 15716	Chisel (?)	Wedge-shaped chisel tip. Broken end may have been pinched off: metal is compressed on one side of the fracture. Ribbed depression running along one end towards tip. On the other side, a bit of metal was chipped off. Point is not symmetrical, perhaps hammered.	L × W × T=1.74 × 0.59 × 0.35	1.2	Cu: +++ Pb: tr As: tr Sn: +(+)
40709	L/-4, 15684	Sheet	Flat sheet fragment, slightly bent, cut.	L × W × T=0.95 × 0.63 × 0.1	0.11	Cu: +++ As: tr Sn: ++
40710	J/-4, 15704	Strip	Flat fragment, twisted at one end. This has resulted in the edges over the length of the piece being curved up, up until the flat part where the fragment has been broken off. The twisted end is broken in two along the long axis.	L × W × T=1.24 × 0.35 × 0.22	0.17	Cu: +++ As: + Sn: ++
41006	G/-3, 15658	Casting spill	Amorphous lump, most likely a casting spill.	L × W × T=1.15 × 1.05 × 0.4	0.82	Cu: +++ Pb: tr As: tr
41007	G/-3, 15763	Sheet	Flat fragment, possibly decorative plaque/sheeting. Rectangular shape, broken across.	L × W × T=1.3 × 0.7 × 0.2	0.98	Cu: +++ Pb: tr As: tr Sn: ++
41008	H/-4, 15646	Fragment	Amorphous lump with sharp angular edges, indicating some form of working or breaking (not casting spill).	L × W × T=0.35 × 0.4 × 0.2	0.07	Cu: +++ Pb: tr
41009	H/-4, 15656	Fragment	Small, slightly flattened lump. Angular faces indicate hammering/working. Has been broken/cut.	L × W × T=0.6 × 0.4 × 0.2	0.08	Cu: +++ Pb: (tr) As: (tr)

Object no.	Provenance	Type	Description	Dimensions (cm)	Weight (g)	Compositional data
41010	H/-4, 15762	Fragment	Amorphous lump with angular edges.	L × W × T=0.5 × 0.3 × 0.25	0.12	Cu: +++ As: + Sn: tr
41011	I/-3, 15637	Casting spill	Casting spill (spherical, slightly irregular).	diam.=0.4 max.	0.06	Cu: +++ Sn: tr
41012	I/-3, 15694	Casting spill	Amorphous lump, most likely casting spill.	L × W × T=1.5 × 1.2 × 0.6	1.69	Cu: +++ Pb: tr As: + Sn: +++
41013	I/-4, 15628	Fragment	Amorphous lump, rounded with some angular protrusions.	L × W × T=0.35 × 0.3 × 0.25	0.05	Cu: +++
41014	I/-4, 15629	Casting spill	Almost perfectly prill-shaped casting spill.	diam.=0.45	0.22	Cu: +++ Pb: + As: tr Sn: +
41015	I/-4, 15629	Casting spill	Amorphous lump of irregular shape. Most likely a casting spill.	L × W × T=0.8 × 0.4 × 0.2–0.3	0.2	Cu: +++ Pb: tr As: + Sn: ++
41016	I/-4, 15783	Casting spill (?)	Amorphous lump, rounded and flattened. Almost fully spherical, with one side flattened. Most likely a casting spill.	T × diam.=0.4 × 0.7	0.22	Cu: +++ As: (tr) Sn: +
41017	I/-4, 15783	Fragment	Flattened rectangular fragment with rounded edges. Possibly cut along edge, but difficult to make out due to corrosion.	L × W × T=1 × 0.75 × 0.2	0.8	Cu: +++ As: tr Sn: ++
41018	I/-5, 15777	Fragment/casting spill?	Rounded fragment, irregular with V-shaped indentation. Might be casting spill with irregular protrusion.	L × W × T=0.55 × 0.45 × 0.3–0.5	0.29	Cu: +++ Pb: tr As: +(+)
41019	J/-4, 15662	Fragment	Small lump.	L × W × T=0.475 × 0.3 × 0.2	0.09	Cu: +++ Sn: +(+)
41021	J/-4, 15702	Fragment	Very small lump.	L × W × T=0.3 × 0.2 × 0.1	<0.01	Cu: +++
41022	J/-4, 15704	Fragment	Fragment with angular edges, somewhat concave. Most likely cut fragment (cold-working).	L × W × T=0.65 × 0.5 × 0.3	0.21	Cu: +++ Pb: + As: + Sn: ++(+)
41023	K/-4, 15664	Casting spill	Amorphous lump of irregular shape, rounded. Probably casting spill.	L × W × T=0.8 × 0.4 × 0.4	0.37	Cu: +++ As: (tr) Sn: +
41024	K/-4 / L/-4, 15716	Casting spill	Amorphous lump, flattened with rounded edges. Possibly large casting prill, hammered flat.	L × W × T=1 × 0.8 × 0.35	1.02	Cu: +++ Pb: (tr) As: (tr) Sn: ++
41025	L/-4, 15684	Casting spill	Almost perfectly prill-shaped casting spill.	diam.=0.4	0.34	Cu: +++ As: +(+) Sn: tr
41026	L/-4, 15785	Fragment	Amorphous lump of irregular shape.	L × W × T=0.65 × 0.3 × 0.25	0.13	Cu: +++ As: (tr) Sn: tr
41027	I/-3, 15694	Fragment	Amorphous lump.	L × W × T=0.5 × 0.3 × 0.2	0.06	Cu: +++ Pb: (tr) Sn: +
41846	K/-2, 17577	Tool (chisel?)	Rod with rectangular (nearly square) cross-section. Both ends broken off. May be body (handle) of a tool/chisel.	L × W × T=2.05 × 1.4 × 0.3	2.13	Cu: +++ Sn: +(+)

Object no.	Provenance	Type	Description	Dimensions (cm)	Weight (g)	Compositional data
41847	J/-2, 17530/17531	Sheet	Rectangular, almost square sheet fragment. One corner broken off (more recently). Slightly concave, small undulation in one edge. Most likely hammered into shape.	L × W × T=1.7 × 1.5 × 0.15	1.18	Cu: +++ Pb: (tr) As: tr Sn: ++
41848	L/-3, 17576	Blade (?)	Possible blade fragment (broken tip). Oval, one rounded edge, other edge seems to be broken off.	L × diam.=2.95 × 0.48	1.45	
41849	J/-2, 17508	Sheet	Sheet (possibly blade) fragment. Curved, thin, both short ends broken. Longer parallel surfaces highly irregular. More likely sheet cold-working waste.	L × W × T=1.2 × 0.4 × 0.1	0.16	Cu: +++ Pb: (tr) As: (tr) Sn: ++
41850	L/-5, 17518	Sheet (blade?)	Possible blade fragment. Roughly rectangular, possibly curved sheet fragment. Heavily corroded. Could be cold-working scrap; difficult to make out due to heavy corrosion.	L × W × T=2.05 × 0.85 × 0.4	1.42	Cu: +++ Sn: ++
41851	J/-5, 17624	Sheet	Sheet working waste. Very fine edge fragment of sheet metal, probably removed from sheet object being worked. Two cut marks (chisel c.1 cm wide and fine edge <1 mm) can be seen slightly overlapping.	L × W × T=1.55 × 0.05–0.2 × 0.05	0.07	Cu: +++ Pb: (tr) As: (tr) Sn: ++
41852	G/-5, 17698	Blade	Blade. Well preserved, although heavily corroded. Triangular shape, curved sides. All edges appear to be original. Slightly bent out of shape (tip rising).	L × W × T=3.95 × 0.2–1.25 × 0.3	3.44	Cu: +++ As: tr Sn: +
41853	I/-2 N, 17704	Blade (?)	Sheet metal (possibly blade) fragment with two parallel edges (slightly narrowing). Irregular fracture on both short ends.	L × W × T=0.7 × 0.6 × 0.2	0.18	Cu: +++ Pb: tr As: tr Sn: ++
41854	L/-5, 17544	Blade or tweezers	Blade or tweezers fragment. Narrow strip of copper alloy with almost parallel sides. Tapers slightly towards one end. Slightly curved, some edges broken.	L × W × T=1.9 × 0.35–0.5 × 0.15	0.41	Cu: +++ As: tr Sn: ++
41855	L/-5, 17544	Blade	Possible tool (most likely blade) fragment: either the tip of a blade, a miniature adze or from a set of tweezers. Irregular trapezoid shape, slightly curved, one tapering edge, short edge is broken.	L × W × T=1.7 × 0.2–0.5 × 0.15	0.37	Cu: +++ Pb: tr As: tr Sn: ++
41856	H/-5, 17519	Rod/fish hook	Short section of very fine, curved rod. Round cross-section. Might be hollow (folded sheet) but too fine to tell, even under magnifier.	L × diam.=0.8 × 0.1	0.06	Cu: +++ As: +
41857	L/-5, 17544	Casting spill (or rod?)	Probable casting spill (possibly bent rod).	L × diam.=1.35 × 0.3 max.	0.25	Cu: +++ Sn: ++
41858	K/-2, 17595	Rod	Straight rod fragment. Difficult to see due to corrosion but appears to be a sheet rolled into a closed rod shape.	L × diam.=1.1 × 0.2	0.07	Cu: +++ Sn: +(+)
41859	G/-5, 17698	Strip	Heavily corroded elongated fragment. Possibly flat and twisted strip.	L × W × T=1.15 × 0.1–0.35 × N/A	0.1	Cu: +++ Sn: +
41860	G/-5, 17698	Rod	Rod, one end slightly bent. Possibly a mandrel. Rod appears made from a folded sheet: visible in fracture (core filled with white powder), but under magnifier the joint (which does not run in a straight line) can also be discerned in some places.	L × diam.=2.5 × 0.2	0.35	Cu: +++ Sn: +
41865	J/-2, 17508	Casting spill	Most likely casting spill. Spherical shape with ellipsoid tail.	L × W × T=1 × 0.4 max. × N/A	0.43	Cu: +++ Sn: ++
41946	H/-2, 17659	Rod	Fragment with rectangular cross-section. Has been twisted along its longest axis (twist visible on one end) and broken (cold or hot – fracture surface difficult to assess due to corrosion). Small notch in middle of intact edge. Shape difficult to assess: may be a rod or wider rectangular fragment in unfinished stage, broken while working.	L × W × T=2.8 × 0.5 × 0.3	2.19	Cu: +++ Sn: +
42001	J/-2, 17734	Wire	Cross-shaped fragment with one long and one short axis. Approx. 120- and 60-degree angles. Appears to be an almost complete object. May be accidental (casting spill) shape, but rather likely to be intentional shape. Possibly a small clamp.	L × W × T=1.2 × 0.7 × 0.2	0.23	Cu: +++ Sn: +
42769	J/-2, 17689	Fragment	Amorphous lump, overall triangular shape with angular edges and rounded surfaces.	L × W × T=0.75 × 0.5 × 0.3	<0.01	Cu: +++ Pb: (tr) As: tr Sn: +(+)
42770	K/-2, 17692	Casting spill	Very small casting spill. Rounded droplet/lump.	diam.=0.2	<0.01	Cu: +++ Sn: tr

Object no.	Provenance	Type	Description	Dimensions (cm)	Weight (g)	Compositional data
42771	I/-2, 17706	Casting spill	Very small, rounded, but slightly irregular fragment. Most likely casting spill; could also be cutting.	L × W × T=0.35 × 0.2 × 0.2	<0.01	Cu: +++ Sn: +
42772	J/-2, 17508	Casting spill	Casting spill. Small and rounded fragment.	L × W × T=0.4 × 0.3 × 0.25	0.12	Cu: +++ Sn: +
42773	J/-2, 17508	Casting spill	Casting spill. Small, rounded and amorphous lump.	L × W × T=0.5 × 0.35 × 0.5	0.17	Cu: +++
42774	J/-2, 17508	Sheet	Very small, slightly bent sheet fragment. Cold-working waste.	L × W × T=0.35 × 0.3 × 0.05	<0.01	Cu: +++ Pb: (tr) As: (tr) Sn: +
42776	K/-2, 17595	Casting spill	Casting spill. Small and rounded fragment.	L × W × T=0.5 × 0.4 × 0.35	0.11	Cu: +++ Sn: ++
42777	J/-2, 17629	Fragment	Small and angular fragment, slightly elongated shape.	L × W × T=0.5 × 0.35 × 0.3	0.13	Cu: +++ Pb: + As: tr Sn: +++
42778	I/-2 N, 17659	Fragment	Small, grain-shaped fragment, slightly concave over short axis. Probably cold-working waste (cf. 41022).	L × W × T=0.6 × 0.3 × 0.2	0.07	Cu: +++ Pb: tr As: tr Sn: tr
42779	I/-2 N, 17659	Fragment	Small, angular fragment. Probably small cutting fragment.	L × W × T=0.5 × 0.25 × 0.1	<0.01	Cu: +++
42780	I/-2 N, 17659	Sheet	Small, flat and twisted fragment. Sheet working waste.	L × W × T=0.5 × 0.4 × 0.1	0.06	Cu: +++ As: tr Sn: +
42781	J/-3 / K/-3, 17668	Casting spill (?)	Very small and amorphous lump with angular edges. Casting spill or other small waste.	L × W × T=0.55 × 0.3 × 0.2	0.07	Cu: +++ Sn: +
42784	I/-2 N, 17507	Casting spill	Very small and rounded lump. Most likely casting spill.	diam.=0.2	0.05	Cu: +++ Pb: tr Sn: tr
42788	J/-2, 17508	Fragment	Amorphous lump with angular edges and one flat side.	L × W × T=0.75 × 0.7 × 0.5	0.35	Cu: +++ As: + Sn: +
42789	K/-2, 17509	Fragment	Small section of doughnut shape (or bent round rod shape) with two parallel irregular fractures cutting across at an angle. Probably a fragment of cold-worked copper alloy (less likely to be vitrified material with copper corrosion entirely covering surface: relatively low iron and relatively high density). Workshop waste.	L × W × T=0.9 × 0.5 × 0.4	0.7	Cu: +++ As: + Sn: +
42790	J/-2 N, 17534	Casting spill	Amorphous lump with rounded edges, almost spherical. Most likely a casting spill.	L × W × T=0.7 × 0.6 × 0.5	0.25	Cu: +++ As: tr Sn: ++
42792	J/-2, 17534	Casting spill with dross (?)	Small and irregularly shaped fragment with bulbous edges. Fragment of casting spill: small amount of crucible dross (black bloated core) with copper prills.	L × W × T=0.55 × 0.6 × 0.3	0.13	Cu: +++ As: tr Sn: ++
42793	J/-2 N, 17534	Casting spill	Amorphous lump with angular edges. Three fragments likely to be casting spills.	L × W × T=0.5 × 0.5 × 0.4	0.2	Cu: +++ Pb: + As: tr Sn: ++
42797	L/-3, 17576	Casting spill	Amorphous lump with rounded edges. Most likely a casting spill.	L × W × T=0.9 × 0.8 × 0.6	1.55	Cu: +++ Pb: + As: tr Sn: +
42798	K/-2, 17577	Casting spill (?)	Amorphous lump with angular edges, one flat surface. Casting spill or (less likely) cold-working waste.	L × W × T=0.7 × 0.5 × 0.25	0.07	Cu: +++ As: (tr)
42799	K/-2, 17595	Folded sheet with core	Fragment with rectangular cross-section for interior space, lined with white (possibly calcareous) powder. Metal formed around this core (sheet, hammered). Appears to be the end of the core (white material terminates here). Metal twisted away from axis at far end.	L × W × T=1 × 0.5 × 0.45	0.23	Cu: +++ As: tr Sn: ++

Object no.	Provenance	Type	Description	Dimensions (cm)	Weight (g)	Compositional data
42800	K/-2, 17595	Casting spill	Casting spill. Amorphous lump, rounded, but irregular shape.	L × W × T=0.8 × 0.65 × 0.5	0.27	Cu: +++ As: (tr) Sn: ++
42802	K/-5, 17614	Casting spill	Casting spill. Amorphous lump, rounded, but irregular shape.	L × W × T=0.7 × 0.7 × 0.45	0.55	Cu: +++ As: tr
42805	G/-3, 17672	Casting spill	Casting spill (could be other working waste). Amorphous lump, rounded, but irregular shape.	L × W × T=0.6 × 0.45 × 0.25	0.34	Cu: +++ Pb: tr As: tr Sn: +
42808	I/-2, 17740	Casting spill	Casting spill. Amorphous lump, rounded.	L × W × T=0.9 × 0.65 × 0.45	0.5	Cu: +++ Sn: +++
42809	L/-2, 17744	Fragment	Amorphous lump of irregular shape, slightly flattened. Black copper corrosion (possibly tenorite), but not vitrified material. Too corroded to tell if casting spill or other form of scrap.	L × W × T=1.05 × 0.7 × 0.4	0.44	Cu: +++ Pb: tr As: tr Sn: ++
42810	J/-2, 17508	Casting spill (?)	Amorphous lump with angular edges. Feels almost hollow (low density). Probably a casting spill.	L × W × T=1.1 × 0.75 × 0.7	0.84	Cu: +++ Pb: + As: + Sn: +++
42812	J/-2, 17534	Casting spill	Casting spill. Drop-shaped lump.	L × W × T=1.2 × 0.8 × 0.7	0.78	Cu: +++ Pb: tr As: tr Sn: ++(+)
42815	K/-2, 17577	Casting spill	Casting spill. Amorphous lump with some angular edges.	L × W × T=1.2 × 1.1 × 0.7	1.43	Cu: +++ Pb: + As: tr Sn: ++(+)
42820	J/-2, 17634	Casting spill	Casting spill. Amorphous lump with slightly angular edges, one flat side.	L × W × T=1.15 × 0.8 × 0.4	0.67	Cu: +++ Sn: ++
42825	L/-3, 17573	Fragment	Lump with angular edges, overall triangular shape, flat surfaces. Some black vitrified material adhering to surface in two places.	L × W × T=1.5 × 1.4 × 0.9	5.2	Cu: +++ Sn: +

CHAPTER 12: OTHER OBJECTS RELATED TO HIGH-TEMPERATURE INDUSTRIAL ACTIVITIES

Table 12.1 Artificial and natural pigment.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40777	I/-3, 15732	Small lump of pigment. Roughly oval in overall shape and flat.	Dark turquoise, 7469 M?	0.35 × 0.3 × 0.1	<0.01
41061	K/-4, 15628	Roughly cuboid fragment of light turquoise frit with a frothy appearance. Possibly one original surface.	Light turquoise, 324 M	0.9 × 0.9 × 0.75	0.97
41062	I/-4, 15772	Very small, lentoid fragment of light turquoise frit.	Light turquoise, 317 M	L=0.25	<0.01
41064	I/-3, 15606	Angular fragment of light turquoise frit with rounded original edges. Weathered surface. One corner has broken off.	Light turquoise, 305 M	1.1 × 1.1 × 0.55	0.57
41065	L/-4, 15684	Small, oval and flat fragment of light turquoise frit.	Light turquoise, 318 M	0.55 × 0.5 × 0.22	0.03
41067	G/-4, 15655	Fragment of pale blue-green frit, heavily weathered. Irregular rectangle in shape.	Light blue and green, N/A	1.05 × 0.63 × 0.4	0.26
42943	I/-2 N, 17507	Lump of yellow ochre, irregular triangle shape.	Yellow, 1205 M	3.2 × 2.8 × 1.95	12.09
42944	K/-2, 17554	Lump of yellow ochre, rounded and angular edges, some of which have broken off.	Yellow, 1205 M	1.4 × 1.1 × 0.5	0.87
42945	K/-5, 17614	Irregular lump of red ochre, with rounded sides.	Red, 174 M	1.1 × 0.7 × 0.7	0.51
42946i	L/-5, 17518	Lump of yellow ochre, rounded edges. One original surface, convex.	Yellow, 1205 M	1.8 × 1.6 × 1.1	3.3
42946ii	L/-5, 17518	Small, angular fragment of yellow ochre.	Yellow, 1205 M	1.4 × 1 × 0.5	0.55
42947	K/-5, 17554	Small, rounded lump of red ochre.	Red, 7722 M	1.25 × 1.05 × 0.7	0.53
42948	G/-3, 17687	Small, rounded lump of orange ochre.	Orange, 157 M	0.6 × 0.5 × 0.38	0.17
42955	G/-4, 15667	Large lump of yellow ochre, irregular in shape. Original surfaces possibly preserved.	Yellow, 1205 M	3.5 × 2.25 × 1.95	12.36
42956	G/-3, 15658	Large fragment of red ochre. Angular in shape. Some pieces broken off. Very friable. One original edge, describing a curve: possibly part of an ingot/pigment cake? Original surface preserved, base (probable) eroded.	Red, 174 M	5.2 × 4.9 × 1.9	52.7
42957	G/-3, 15800	Rounded lump of red ochre.	Red, 173 M–174 M	2.25 × 1.4 × 1.4	4.73

Table 12.2 Nile silt ceramic vessels containing remains of pigment.

Object no.	Provenance	Description	Colour description and Pantone (pigment)	Length × Width × Thickness (cm)	Diameter (cm)
40365i+ii	H/-4, 15646	Two fragments of a shallow ceramic bowl (Type SD2.2), from the vessel base and its wall. The fragments fit together to form the base of the vessel. The inner surfaces are coated in patches of a bright yellow powdery pigment. Mud (probably from the collapse) still covers the pigment. 100% of base diameter preserved.	Yellow, 108 M	14.6 × 14.4 × 1.11	6–8 (base)
41069	I/-3, 15694	Rim fragment of an industrial ceramic vessel. Thin layer of copper-green residue adhering to the inside of the fragment.	Green, 569 M (residue)	2.03 × 1.94 × 0.55	10
41970	Old spoil heap to the south of the site	Fragment of ceramic with light blue pigment. Triangular shape, non-diagnostic. Some pigment has rubbed off onto the hardened sand in which it was found (discarded).	Turquoise-blue, 2925 M	2.1 × 1.5 × 0.4	N/A
43254	J/-3, 17542	Rim fragment of a bowl (Type SD1.3) with a thin layer of yellow pigment (ochre) on the inside. About 3% of the diameter preserved.	Yellow, 130 M	2.6 × 3 × 0.6–0.7	29

Table 12.3 Other fragments of ceramic vessels (probably) used for industrial purposes.

Object no.	Provenance	Description	Length × Width × Thickness (cm)	Diameter (cm)
40461	I/-3, 15637	Three rim fragments of an open-form vessel (SD 1.3). Red slip on all intact surfaces. A white substance (gypsum?) is preserved in the interior of all three sherds, delimited by a band of mud, which runs at c.3.5 cm from the rim. The outside, with the exception of the rim, is also coated in a thin layer of mud, indicating that the vessel may have been stored in a pothole. Nile silt fabric. Measurements are given for the largest sherd. About 25% of rim diameter preserved.	7.7 × 7.7 × 0.6–0.8	20
40640	I/-5, 15750	Fragment from the wall of a bowl or a cylindrical vessel of Nile silt. From near the base: the outer surface follows an angle. The ceramic fabric is very similar in weight and texture to that used for cylindrical vessels. The outer surface is blackened towards the base. Remains of parting layer on the interior.	6.78 × 4.43 × 1.60–2.05	N/A
43209	K/-4, 15673	Rim sherd of a Nile silt bowl, probably an industrial vessel. Both out- and inside are blackened in patches, while the outside still preserves some red slip. The rim (mainly inside) is covered in a calcareous, slightly vitrified substance with a bubbly/frothy appearance, which has also run onto the outside as a broad drip.	4.1 × 4.7 × 0.7	22.23

Table 12.4 A possible repair piece for a ceramic vessel of lime-gypsum.

Object no.	Provenance	Description	Length × Width × Thickness (cm)
43934	J/-3, 17541	Overall irregular oval in shape with one convex surface and another concave (and partially flat) one. Tapers towards one original long edge, which is curved, and it becomes thicker towards the other, also slightly curved edge. Below the latter, a rim protrudes (probably) downward. The shape of the object resembles the mouth and rim, together with part of a wall, of a closed-shape, possibly globular vessel. It is possible that it functioned as a repair/extension of a rim, possibly for a vessel that had been sunk into the ground. The flat surface, which would be the interior of the vessel, is smooth, which is why the object cannot have been broken off a gypsum-filled vessel.	11.6 × 5.7 × 2.4 (rim), 0.3–2 (wall)

CHAPTER 13: THE MANUFACTURE OF BEADS FROM VARIOUS MATERIALS

Table 13.2 Registered agate debitage.

Key: Core (C) | Nodule or raw material unit (N) | Pebble (Pebble) | Flake (F) | Blade (B) | Small debitage (micro flakes or bladelets <1 cm from thinning, shaping, core preparation etc.: SD) | Angular debris (pieces >1 cm which are products of accidents etc.: AD) | Micro debris (pieces <1 cm which are products of accidents and splinters: MD) | Raw unit (base piece to be shaped into bead, amulet etc.: RU) | Striking platform (SP) | Striking platform remains (SPR).

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15656	06.11.2014 (40577)	Worked	Warm red	12 × 9 × 3	13	0.4	100	0	Polished	See Table 15.8
I/-3, 15645	26.10.2014 (41440)	Worked	Warm red	12 × 8 × 3	12	0.39	100	0	Polished	See Table 15.8
H/-4, 15656	06.11.2014 (40576)	Worked	Orange	7 × 6 × 5	7	0.28	100	0	Partly polished	See Table 13.3
L/-4, 15785	10.11.2014 (40695)	Worked	Ruby red	12 × 11 × 9	12	1.61	100	0	Polished	See Table 15.9
K/-3, 17561	10.10.2017 (41705)	Worked	Honey	6 × 6 × 5	6	0.19	100	0	Polished	See Table 15.6: possibly glass
K/-2, 17577	10.10.2017 (41706)	Worked	Warm red	4 × 4 × 3	4	0.08	100	0	Polished	See Table 15.9
L/-4, 17517	08.10.2017 (41707)	Worked	Ruby red	12 × 8 × 5	12	0.7	100	0	Retouched and partly polished	See Table 15.9
I/-4, 15774	08.11.2014 (40626)	F	Honey	19 × 16 × 3	20	0.83	100	80	Use wear?	Right lateral slightly denticulated: possible use wear
G/-4, 15667	29.10.2014-7	AD	Glassy grey with red bands	N/A	27	4.94	N/A	30	No	Possible core fragment
L/-4, 15684	01.11.2014-3	AD	Glassy grey with red bands	N/A	16	1.82	N/A	35	No	Possible core fragment
H/-4, 15782	09.11.2014-14	AD	Orange	N/A	11	0.32	N/A	0	No	Possibly half of RU: shaping accident
H/-4, 15646	27.10.2014-81	F	Orange with dark bands	14 × 9 × 2	14	0.28	100	0	No	Thinning flake
H/-4, 15646	27.10.2014-83	F	Orange	12 × 18 × 5	18	0.67	100	0	Polished	SP polished, possibly accidental
H/-4, 15762	06.11.2014-5	F	Glassy grey with red bands	9 × 12 × 3	12	0.21	100	0	No	Shaping flake
H/-4, 15762	06.11.2014-7	F	Ruby red	14 × 15 × 7	16	1.32	100	0	No	Core preparation
G/-3, 15610	22.10.2014-5	F	Orange	9 × 10 × 5	12	0.41	40	0	No	Medial fragment of thick flake: possibly RU
H/-4, 15656	06.11.2014-23	F	Orange	10 × 6 × 2	10	0.12	100	0	No	Shaping flake
H/-4, 15656	06.11.2014-31	F	Glassy grey/warm red	10 × 6 × 2	10	0.09	100	0	No	Shaping flake
I/-3, 15606	N/A	Worked	Warm red	N/A	23	2.98	N/A	35	Shallow	Possibly core foot fragment with some regular retouch on reduction surface and some irregular retouch on break
H/-4, 15656	06.11.2014-51	F	Warm red	8 × 9 × 4	10	0.18	100	0	No	Thick shaping flake: accidental?
H/-4, 15620	21.10.2014-44	F	Orange with dark bands	10 × 9 × 3	11	0.31	100	0	No	Shaping flake
H/-4, 15620	21.10.2014-47	F	Ruby red	12 × 7 × 2	13	0.15	100	<5	No	Core preparation
H/-4, 15620	21.10.2014-51	F	Ruby red	14 × 10 × 4	14	0.44	65	0	No	Left lateral broken off; large shaping flake or even oval RU
H/-4, 15620	21.10.2014-52	F	Glassy grey/warm red	7 × 15 × 5	15	0.48	100	0	No	Thick shaping flake: accidental?
H/-4, 15620	21.10.2014-73	F	Pinkish red	27 × 29 × 8	29	6.31	70	75	Retouched	Proximal-medial flake with steep edge retouch on right dorsal lateral near proximal end: endscraper on flake
H/-4, 15657	28.10.2014-14	F	Glassy orange	11 × 11 × 2	13	0.19	100	0	No	Thinning flake
G/-4, 17513	23.10.2017-3	F	Orange with dark bands	10 × 8 × 5	10	0.44	100	0	No	Very thick and angular: perhaps good shape for RU
L/-4, 15684	02.11.2014	RU	Warm red	N/A	10	0.58		0	No	Rough piece with right size and shape for spherical bead
H/-4, 15646	27.10.2014-62	RU	Orange	N/A	10	0.52	100	0	Yes	Polyhedral piece with fine retouch on all sides
H/-4, 15646	26.10.2014-35 (41504)	Worked	Orange	13 × 12 × 5	15	1.14	?	0	Polished	See Table 13.3
H/-4, 15646	27.10.2014-66	RU	Glassy grey with red bands	N/A	9	0.35	100	0	?	Polyhedral piece, some sides possibly retouched

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15782	09.11.2014-10	RU	Glassy grey with red bands	N/A	9	0.31	45	0	No	Half of RU, possibly split during shaping
H/-4, 15762	08.11.2014-12	RU	Orange with dark bands	N/A	10	0.32	35	0	No	Shaping accident?
H/-4, 15646	26.10.2014-40	RU	Orange	10 × 6 × 3	10	0.15	100	0	No	Thick, elongated oval flake
H/-4, 15646	26.10.2014-42	RU	Orange with dark bands	8 × 6 × 3	8	0.17	100	0	No	Oval, both sides showing shaping removals
H/-4, 15646	26.10.2014-60	RU	Warm red	9 × 7 × 4	10	0.31	100	0	Partly polished	Thick, irregular oval with medial part of dorsal polished, proximal and distal end of flake removed during shaping
H/-4, 15646	26.10.2014-61	RU	Warm red	9 × 7 × 5	9	0.33	100	0		Roundish-oval, showing signs of grinding
H/-4, 15646	26.10.2014-63	RU	Orange	10 × 10 × 5	10	0.58	100	0	No	Roughly hemispherical with shaping removals on all sides
H/-4, 15646	26.10.2014-64	RU	Warm red	12 × 9 × 6	12	0.6	100	0	No	Thick, roughly oval with dorsal grate and part of dorsal showing signs of grinding
H/-4, 15620	21.10.2014-33	RU	Orange	8 × 6 × 4	8	0.16	100	0	No	Oval, both sides showing shaping removals
K/-3, 17552	12.10.2017	Worked	Warm red	14 × 8 × 8	15	1.01	N/A	0	Retouched	Part of thick flake with distal showing truncated and right lateral steep, almost backed retouch, forming a right angle; possibly large RU in the process of being shaped
H/-4, 15620	21.10.2014-62	RU	Ruby red	14 × 10 × 6	14	1.01	100	0	No	Large, irregular oval shape; both sides show shaping removals
J/-2, 17535	10.10.2017	RU	Glassy orange	22 × 18 × 9	23	4.37	100	0	Retouched	Large, crude RU, roughly in the shape of a round-top stela; all sides showing fairly large removals for shaping; raw material has unusual opaque white inclusions
I/-2, 17550	10.10.2017	RU	Warm red	8 × 8 × 6	9	0.44	100	0	No	Roughly cubic shape
G/-3, 15683	01.11.2014-2	C	Glassy grey with red bands	24 × 23 × 23	31	12.26	<20	35	No	Distal-lateral fragment of unifacial flake core
G/-3, 15763	11.11.2014	C	Glassy grey with red bands	19 × 49 × 36	49	32.96	100	45	No	Unifacial core for small flakes, utilising natural break or intentional split as SP, possibly secondary core made on fragment of larger primary core
H/-4, 15646	26.10.2014-90	C	Glassy grey with red bands	49 × 36 × 27	52	39.9	65	40	No	Unifacial core reduced from two perpendicular directions, left side split off, sideways removals after top removals (core preparation partly removed)
G/-3, 15658	30.10.2014-22	C	Glassy grey with red bands	27 × 42 × 32	42	40.53	100	55	No	Irregular unifacial core with small spot of battering/grinding scars at butt
H/-4, 15620	21.10.2014-75	C	Glassy grey with red bands	19 × 32 × 41	43	25.32	100	50	No	Unifacial core with small removals on large capping flake
H/-4, 15762	06.11.2014-8	C	Glassy grey	13 × 20 × 19	24	5.4	100	40	No	Small irregular bifacial waste core
L/-2, 17610	16.10.2017	C	Warm red	23 × 23 × 20	26	10.75	N/A	45	No	Fragment of small unifacial core struck from at least two (perpendicular) directions
I/-4, 15630	25.10.2014	B	Orange	12 × 6 × 4	13	0.34	100	0	No	Either from core preparation or raw unit shaping
G/-5, 17728	28.10.2017-2	C	Pinkish red	27 × 24 × 19	37	12.91	100	60	No	Small irregular unifacial waste core using old cleft surface as SP; three removals discernible; raw material banded
H/-4, 15646	27.10.2014-43	B	Ruby red	10 × 5 × 3	14	0.28	100	45	No	Core preparation bladelet
K/-4, 15906	11.11.2014	B	Warm red	9 × 4 × 2	10	0.11	100	0	No	Shaping bladelet
H/-4, 15646	26.10.2014-15	B	Orange	10 × 4 × 1	10	0.01	100	0	No	Thinning bladelet
G/-3, 15610	23.10.2014-2	AD	Orange	N/A	14	0.46	N/A	0	No	Perhaps fragment of bladelet core
K/-4, 15664	28.10.2014	AD	Warm red	N/A	19	1.87	N/A	40	No	Fragment of very small agate nodule
I/-4, 15629	30.10.2014	AD	Orange	N/A	13	0.3	N/A	0	No	
I/-3, 15666	28.10.2014	AD	Orange with dark bands	N/A	17	0.46	N/A	0	No	
I/-3, 15732	05.11.2014	AD	Honey	N/A	27	1.47	N/A	5	No	
I/-3, 15732	04.11.2014	AD	Warm red	N/A	15	0.48	N/A	40	No	
J/-4, 15678	30.10.2014	AD	Glassy grey with red bands	N/A	34	17.95	N/A	30	No	Core fragment, probably unifacial core – very small part of reduction surface preserved
H/-5, 15757	06.11.2014	AD	N/A	N/A	15	1.18	N/A	40	No	Possibly from initial split; white discoloration, perhaps burnt
G/-3, 15763	12.11.2014	AD	Warm red	N/A	16	0.98	N/A	5	No	
I/-4, 15708	03.11.2014	AD	Orange	N/A	15	1.01	N/A	35	No	
H/-4, 15620	20.10.2014-9	AD	Pinkish red	N/A	27	8.57	N/A	25	No	Crude break pattern: nodule probably discarded after initial split as unsuitable

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15778	08.11.2014-1	AD	Orange	N/A	12	0.27	N/A	0	No	
I/-3, 15694	03.11.2014-2	AD	Ruby red	N/A	14	0.66	N/A	0	No	Possibly 50% of RU: shaping accident
I/-5, 15753	05.11.2014-1	AD	Ruby red	N/A	14	0.85	N/A	35	No	
I/-5, 15753	05.11.2014-2	AD	Warm red	N/A	11	0.75	N/A	10	No	Possibly 25% of RU
H/-5, 15758	05.11.2014-4	AD	Ruby red	N/A	18	2.11	N/A	25	No	
H/-5, 15758	05.11.2014-5	AD	Glassy grey with red bands	N/A	27	5.03	N/A	25	No	Possibly core fragment
H/-5, 15758	05.11.2014-6	AD	Glassy grey/warm red	N/A	32	12.11	N/A	55	No	Probably product of initial split
I/-3, 15618	21.10.2014-1	AD	Orange	N/A	20	1.46	N/A	0	No	
G/-4, 15609	26.10.2014-2	AD	Orange	N/A	11	0.33	N/A	5	No	
I/-4, 15630	21.10.2014-1	AD	Glassy with red bands	N/A	11	0.15	N/A	0	No	
G/-3, 15658	28.10.2014-2	AD	Warm red	N/A	14	0.65	N/A	40	No	
G/-3, 15658	28.10.2014-3	AD	Ruby red	N/A	44	10.71	N/A	40	No	Probably from capping nodule
I/-3, 15694	12.11.2014-5	AD	Pinkish red	N/A	14	0.51	N/A	10	No	Right shape for RU, but still very angular and with cortex
I/-3, 15694	12.11.2014-6	AD	Glassy grey	N/A	24	0.34	N/A	35	No	
G/-4, 15667	29.10.2014-1	AD	Warm red	N/A	10	0.04	N/A	0	No	
I/-3, 15964	02.11.2014-3	AD	Warm red	N/A	17	0.51	N/A	5	No	
I/-3, 15964	02.11.2014-5	AD	Honey	N/A	21	1.38	N/A	40	No	Probably from capping or initial split
L/-4, 15684	01.11.2014-2	AD	Warm red	N/A	12	0.49	N/A	<5	No	Indeterminable flake fragment
H/-4, 15646	27.10.2014-24	AD	Warm red	N/A	10	0.14	N/A	0	No	
H/-4, 15646	27.10.2014-27	AD	Orange with dark bands	N/A	11	0.16	N/A	0	No	
H/-4, 15646	27.10.2014-29	AD	Warm red	N/A	13	0.14	N/A	30	No	
H/-4, 15646	27.10.2014-32	AD	Orange	N/A	13	0.2	N/A	0	No	
H/-4, 15646	27.10.2014-34	AD	Orange	N/A	10	0.22	N/A	0	No	Possible RU fragment
H/-4, 15646	27.10.2014-35	AD	Glassy grey with red bands	N/A	13	0.32	N/A	0	No	
H/-4, 15646	27.10.2014-36	AD	Warm red	N/A	10	0.3	N/A	20	No	
H/-4, 15646	27.10.2014-37	AD	Orange	N/A	12	0.21	N/A	0	No	
H/-4, 15646	27.10.2014-38	AD	Glassy grey with red bands	N/A	15	0.28	N/A	0	No	
H/-4, 15646	27.10.2014-50	AD	Glassy grey with red bands	N/A	11	0.3	N/A	15	No	
H/-4, 15646	27.10.2014-53	AD	Orange	N/A	12	0.25	N/A	0	Partly polished	Shaping accident? One facet with matte polish
H/-4, 15646	27.10.2014-55	AD	Glassy grey with red bands	N/A	10	0.26	N/A	0	No	
H/-4, 15646	27.10.2014-58	AD	Glassy grey with red bands	N/A	15	0.55	N/A	45	No	
H/-4, 15646	27.10.2014-67	AD	Glassy grey with red bands	N/A	12	0.56	N/A	5	No	Polyhedral rough piece: perhaps to be shaped into RU
H/-4, 15646	27.10.2014-68	AD	Ruby red	N/A	12	0.6	N/A	25	No	
H/-4, 15646	27.10.2014-69	AD	Ruby red	N/A	11	0.65	N/A	0	No	Polyhedral rough piece: perhaps to be shaped into RU
H/-4, 15646	27.10.2014-74	AD	Ruby red	N/A	17	0.59	N/A	0	No	
H/-4, 15646	27.10.2014-77	AD	Orange with dark bands	N/A	16	0.43	N/A	<5	No	
H/-4, 15646	27.10.2014-79	AD	Glassy grey with red bands	N/A	16	0.45	N/A	0	No	
H/-4, 15646	27.10.2014-84	AD	Glassy grey with red bands	N/A	14	0.99	N/A	35	No	
H/-4, 15646	27.10.2014-86	AD	Glassy grey with red bands	N/A	15	1.16	N/A	<5	No	
H/-4, 15646	27.10.2014-92	AD	Warm red	N/A	20	1.05	N/A	0	No	
H/-4, 15646	27.10.2014-94	AD	Glassy grey with red bands	N/A	22	2.14	N/A	40	No	
H/-4, 15646	27.10.2014-95	AD	Warm red	N/A	19	1.92	N/A	35	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15646	27.10.2014-96	AD	Glassy grey with red bands	N/A	19	2.28	N/A	40	No	
H/-4, 15646	27.10.2014-98	AD	Glassy grey with red bands	N/A	22	3.54	N/A	35	No	
H/-4, 15646	27.10.2014-99	AD	Warm red	N/A	27	2.77	N/A	25	No	
H/-4, 15646	27.10.2014-100	AD	Glassy grey/warm red	N/A	25	3.6	N/A	45	No	
H/-4, 15646	27.10.2014-101	AD	Glassy grey/warm red	N/A	25	4.87	N/A	50	No	
H/-4, 15646	27.10.2014-103	AD	Glassy grey with red bands	N/A	30	4.37	N/A	40	No	
H/-4, 15646	27.10.2014-104	AD	Honey	N/A	37	9.96	N/A	40	No	
H/-4, 15646	27.10.2014-105	AD	Ruby red	N/A	33	17.25	N/A	30	No	Raw material quite coarse: discarded; c.33% of nodule
H/-4, 15646	27.10.2014-110	AD	Glassy grey with red bands	N/A	49	24.89	N/A	50	No	From capping
H/-4, 15782	09.11.2014-8	AD	Glassy grey with red bands	N/A	10	0.05	N/A	0	No	
H/-4, 15782	09.11.2014-9	AD	Glassy grey with red bands	N/A	10	0.12	N/A	5	No	
H/-4, 15782	09.11.2014-18	AD	Orange with dark bands	N/A	16	0.54	N/A	0		Coarse raw material
H/-4, 15782	09.11.2014-19	AD	Warm red	N/A	18	1.63	N/A	30	No	
H/-4, 15782	09.11.2014-20	AD	Glassy grey	N/A	25	5.54	N/A	30	No	
H/-4, 15762	08.11.2014-10	AD	Honey	N/A	13	0.24	N/A	35	No	
H/-4, 15762	08.11.2014-11	AD	Orange	N/A	11	0.3	N/A	<5	No	Shaping accident?
H/-4, 15762	08.11.2014-15	AD	Warm red	N/A	18	2.08	N/A	40	No	
H/-4, 15667	30.10.2014-6	AD	Warm red	N/A	12	0.45	N/A	0	No	
H/-4, 15762	06.11.2014-3	AD	Orange	N/A	11	0.11	N/A	0	No	
H/-4, 15607	20.10.2014-10	AD	Orange	N/A	12	0.08	N/A	0	No	
H/-4, 15607	20.10.2014-14	AD	Pinkish red	N/A	29	9.61	N/A	30	No	
H/-4, 15656	28.10.2014-4	AD	Glassy orange	N/A	10	0.05	N/A	0	No	
H/-4, 15656	28.10.2014-6	AD	Glassy orange	N/A	11	0.15	N/A	0	No	Shaping accident?
H/-4, 15656	28.10.2014-10	AD	Ruby red	N/A	14	0.64	N/A	0	No	
G/-4, 15655	27.10.2014-6	AD	Orange with dark bands	N/A	11	0.21	N/A	5	No	
G/-3, 15610	22.10.2014-6	AD	Pinkish red	N/A	25	4.67	N/A	5	No	
G/-3, 15610	22.10.2014-7	AD	Ruby red	N/A	39	20.82	N/A	50	No	Possible core fragment
G/-3, 15658	30.10.2014-2	AD	Pinkish red	N/A	10	0.22	N/A	N/A	No	Tiny square plate of weathered agate
G/-3, 15658	30.10.2014-7	AD	Ruby red	N/A	10	0.43	N/A	30	No	
G/-3, 15658	30.10.2014-10	AD	Glassy grey/warm red	N/A	17	0.84	N/A	45	No	
G/-3, 15658	30.10.2014-12	AD	Ruby red	N/A	17	0.85	N/A	5	No	
G/-3, 15658	30.10.2014-15	AD	Orange	N/A	18	1.98	N/A	35	No	
G/-3, 15658	30.10.2014-17	AD	Glassy grey/warm red	N/A	18	3.31	N/A	40	No	
H/-4, 15646	26.10.2014-21	AD	Glassy orange	N/A	11	0.04	N/A	0	No	
H/-4, 15646	26.10.2014-41	AD	Glassy orange	N/A	12	0.18	N/A	0	No	
H/-4, 15646	26.10.2014-47	AD	Glassy grey with red bands	N/A	13	0.23	N/A	0	No	
H/-4, 15646	26.10.2014-49	AD	Ruby red	N/A	10	0.28	N/A	45	No	
H/-4, 15646	26.10.2014-50	AD	Glassy grey with red bands	N/A	12	0.23	N/A	<5	No	
H/-4, 15646	26.10.2014-53	AD	Glassy grey with red bands	N/A	12	0.22	N/A	35	No	
H/-4, 15646	26.10.2014-54	AD	Glassy grey with red bands	N/A	13	0.35	N/A	0	No	
H/-4, 15646	26.10.2014-68	AD	Warm red	N/A	13	0.54	N/A	10	No	
H/-4, 15646	26.10.2014-70	AD	Glassy grey with red bands	N/A	14	0.46	N/A	30	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15646	26.10.2014-71	AD	Brownish red	N/A	16	0.44	N/A	0	No	
H/-4, 15646	26.10.2014-74	AD	Glassy orange	N/A	16	1.03	N/A	0	No	
H/-4, 15646	26.10.2014-75	AD	Orange	N/A	14	0.72	N/A	5	No	With crystal inclusions
H/-4, 15646	26.10.2014-78	AD	Glassy grey with red bands	N/A	22	1.57	N/A	45	No	
H/-4, 15646	26.10.2014-80	AD	Multicolour banding	N/A	20	2.95	N/A	35	No	
H/-4, 15646	26.10.2014-83	AD	Glassy grey	N/A	24	3.85	N/A	40	No	
H/-4, 15646	26.10.2014-84	AD	Multicolour banding	N/A	27	5.36	N/A	10	No	
H/-4, 15646	26.10.2014-85	AD	Glassy grey/warm red	N/A	23	4.39	N/A	40	No	
H/-4, 15656	06.11.2014-16	AD	Glassy grey	N/A	10	0.05	N/A	0	No	One side weathered
H/-4, 15656	06.11.2014-28	AD	Glassy orange	N/A	10	0.09	N/A	25	No	
H/-4, 15656	06.11.2014-30	AD	Orange with dark bands	N/A	12	0.12	N/A	0	No	
H/-4, 15656	06.11.2014-37	AD	Dark red	N/A	10	0.19	N/A	35	No	
H/-4, 15656	06.11.2014-42	AD	Orange with dark bands	N/A	10	0.25	N/A	0	No	Possibly half of crude RU
H/-4, 15656	06.11.2014-56	AD	Glassy orange	N/A	10	0.28	N/A	5	No	
H/-4, 15656	06.11.2014-58	AD	Glassy grey with red bands	N/A	11	0.33	N/A	15	No	
H/-4, 15656	06.11.2014-65	AD	Orange	N/A	12	0.68	N/A	0	No	
H/-4, 15656	06.11.2014-68	AD	Glassy grey with red bands	N/A	16	0.61	N/A	10	No	
H/-4, 15656	06.11.2014-69	AD	Ruby red	N/A	14	0.75	N/A	40	No	
H/-4, 15656	06.11.2014-71	AD	Orange	N/A	15	1.1	N/A	30	No	
H/-4, 15656	06.11.2014-73	AD	Glassy grey/warm red	N/A	25	1.29	N/A	40	No	
H/-4, 15656	06.11.2014-77	AD	Warm red	N/A	17	1.71	N/A	40	No	
H/-4, 15620	21.10.2014-37	AD	Brownish red	N/A	13	0.22	N/A	35	No	
H/-4, 15620	21.10.2014-38	AD	Glassy orange	N/A	13	0.35	N/A	25	No	One weathered surface
H/-4, 15620	21.10.2014-48	AD	Glassy orange	N/A	14	0.35	N/A	0	No	
H/-4, 15620	21.10.2014-49	AD	Glassy grey/warm red	N/A	13	0.59	N/A	40	No	
H/-4, 15620	21.10.2014-50	AD	Glassy grey/warm red	N/A	12	0.46	N/A	45	No	
H/-4, 15620	21.10.2014-58	AD	Glassy grey and pink	N/A	15	0.69	N/A	0	No	Some crystal inclusions
H/-4, 15620	21.10.2014-61	AD	Glassy grey with red bands	N/A	21	1.27	N/A	0	No	
H/-4, 15620	21.10.2014-64	AD	Glassy orange	N/A	12	1.11	N/A	25	No	With crystal inclusions
H/-4, 15620	21.10.2014-65	AD	Warm red	N/A	21	1.12	N/A	45	No	All surfaces weathered: old breakage
H/-4, 15620	21.10.2014-66	AD	Ruby red	N/A	18	2.2	N/A	40	No	
H/-4, 15620	21.10.2014-67	AD	Orange with dark bands	N/A	22	4.47	N/A	30	No	
H/-4, 15620	21.10.2014-69	AD	Glassy grey/warm red	N/A	25	3.66	N/A	30	No	
H/-4, 15657	28.10.2014-20	AD	Orange	N/A	15	0.47	N/A	0	No	One side largely covered by cortex-like weathering
H/-4, 15657	28.10.2014-27	AD	Ruby red	N/A	21	2.03	N/A	5	No	One weathered surface
H/-4, 15657	28.10.2014-29	AD	Glassy grey with red bands	N/A	25	6.05	N/A	40	No	With crystal banding
Surface 50 m south of M50.14-16	???.?.2017	AD	Ruby red	N/A	40	24.89	N/A	20	No	Either thick irregular capping flake with both laterals broken off or fragment of multiply split nodule
J/-2 / I/-2, 17683 section	19.20.2017	AD	Ruby red	N/A	18	1.2	N/A	35	No	Two weathered surfaces
G/-2 N, 17505	21.10.2017-2	AD	Orange with dark bands	N/A	14	0.63	N/A	5	No	
J/-5, 17515	19.10.2017	AD	Warm red	N/A	12	0.62	N/A	0	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
G/-2, 17505	11.10.2017	AD	Orange with dark bands	N/A	10	0.14	N/A	0	No	One weathered surface
L/-2, 17626	15.10.2017	AD	Glassy grey	N/A	15	0.78	N/A	10	No	
I/-3, 17503	08.10.2017-4	AD	Orange with dark bands	N/A	14	0.15	N/A	<5	No	Rough raw material
G/-4, 17513	23.10.2017-5	AD	Orange	N/A	21	1.42	N/A	20	No	Cortex very wind-polished: glassy
G/-4, 17513	23.10.2017-6	AD	Multicolour banding	N/A	16	1.66	N/A	15	No	
H/-5, 17698	24.10.2017	AD	Pinkish red	N/A	37	11.37	N/A	30	No	
J/-2 N, 17534	25.10.2017	AD	Glassy orange	N/A	17	0.96	N/A	40	No	
J/-5, 17707	25.10.2017-2	AD	Orange	N/A	12	0.18	N/A	0	No	
G/-4, 17513	25.10.2017-1	AD	Warm red	N/A	14	0.72	N/A	40	No	
G/-5, 17514	25.10.2017-3	AD	Orange with dark bands	N/A	15	0.88	N/A	35	No	
I/-3 / J/-3, 17715	26.10.2017	AD	Ruby red	N/A	18	0.64	N/A	0	No	
G/-4, 17721	26.10.2017-5	AD	Glassy orange	N/A	17	1.55	N/A	35	No	
G/-4, 17721	26.10.2017-6	AD	Glassy orange	N/A	25	4.77	N/A	55	No	
I/-2, 17670	28.10.2017-4	AD	Warm red	N/A	11	0.28	N/A	0	No	
G/-5, 17728	28.10.2017-3	AD	Ruby red	N/A	39	17.22	N/A	50	No	Either small part of nodule or capping accident, probably due to crystalline inclusions at centre
L/-2, 17626	29.10.2017	AD	Multicolour banding	N/A	11	0.35	N/A	0	No	
J/-2, 17734	29.10.2017	AD	Warm red	N/A	14	0.37	N/A	5	No	
G/-5, 17728	30.10.2017	AD	Pinkish red	N/A	37	21.09	N/A	60	No	Either nodule fragment or capping accident; break very twisted
G/-2, 17737	30.10.2017-3	AD	N/A	N/A	11	0.69	N/A	30	No	Burnt: colour now opaque pinkish white
H/-4, 15646	27.10.2014-2	B	Warm red	10 × 5 × 1	10	0.08	100	75	No	Core preparation
H/-4, 15782	09.11.2014-4	B	Orange	11 × 5 × 2	11	0.11	100	0	No	Shaping bladelet
H/-4, 15646	26.10.2014-24	B	Glassy grey with red bands	10 × 5 × 2	10	0.02	90	0	No	Proximal tip with SPR broken off
H/-4, 15646	27.10.2014-112	C	Ruby red	34 × 41 × 36	47	52.37	80	35	No	Irregular core with part of foot broken off, utilising older, slightly weathered removal (could be natural) as one of its SPs
G/-4, 15668	29.10.2014	F	Orange	11 × 9 × 7	15	1	100	10	No	Cortical SPR
G/-3, 15658	01.11.2014	F	Honey	8 × 19 × 4	19	0.4	<20	0	No	Distal end
I/-4, 15783	09.11.2014	F	Honey	23 × 18 × 5	23	2.1	100	80	No	
G/-3, 15798	10.11.2014	F	Glassy grey/warm red	21 × 26 × 5	26	2.24	85	100	No	Left distal-lateral corner broken off
G/-3, 15650	25.10.2014	F	Warm red	10 × 15 × 5	16	0.88	50	5	No	Proximal 50%
G/-3, 15682	02.11.2014	F	Warm red	13 × 12 × 3	14	0.47	90	85	No	Distal end broken off
H/-5, 15786	09.11.2014	F	Orange	15 × 14 × 10	18	1.6	100	30	No	
L/-4, 15781	08.11.2014	F	Honey	17 × 20 × 5	25	1.77	50	0	No	Left lateral 50%
H/-5, 15757	05.11.2014	F	Honey	11 × 12 × 1	13	0.17	100	5	No	Thinning or core preparation flake
I/-3, 15694	11.11.2014	F	Orange	9 × 11 × 3	12	0.27	100	75	No	Core preparation
H/-4, 15620	20.10.2014-6	F	Orange	6 × 12 × 7	12	0.21	100	0	No	Shaping flake
H/-4, 15620	20.10.2014-7	F	Orange with dark bands	17 × 15 × 5	21	0.7	100	0	No	
G/-3, 15658	29.10.2014-2	F	Warm red	9 × 17 × 3	17	0.4	20	100	No	Distal end
G/-3, 15658	29.10.2014-3	F	Honey	20 × 17 × 7	21	1.93	100	55	No	
G/-3, 15610	23.10.2014-3	F	Glassy grey with red bands	15 × 8 × 4	15	0.49	100	60	No	Platform preparation
H/-4, 15778	08.11.2014-2	F	Orange with dark bands	12 × 17 × 3	18	0.5	100	25	No	Thinning flake
G/-3, 15763	06.11.2014-2	F	Warm red	12 × 8 × 4	12	0.23	100	45	No	Probably platform preparation

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
I/-4 / I/-5, 15769	06.11.2014-1	F	Honey	14 × 24 × 4	25	0.91	100	10	No	
I/-4 / I/-5, 15769	06.11.2014-2	F	Warm red	29 × 28 × 6	30	4.25	100	90	No	
H/-5, 15758	05.11.2014-2	F	Warm red	8 × 12 × 1	12	0.15	100	100	No	
H/-5, 15758	05.11.2014-3	F	Warm red	15 × 12 × 3	15	0.56	100	0	No	
I/-3, 15618	21.10.2014-2	F	Glassy grey/warm red	29 × 25 × 7	30	5.06	100	100	No	Capping flake: to test raw material
G/-4, 15609	26.10.2014-3	F	Orange	20 × 14 × 5	23	1.64	75	10	No	Left lateral and distal end broken off
I/-4, 15630	21.10.2014-2	F	Glassy grey/warm red	13 × 15 × 6	16	1.08	100	95	No	From initial split
I/-4, 15605	19.10.2014-1	F	Orange	9 × 8 × 3	12	0.22	50	0	No	Proximal 50% of potential shaping flake
I/-3, 15694	12.11.2014-2	F	Warm red	9 × 11 × 5	12	1.98	100	40	No	
I/-3, 15694	12.11.2014-3	F	Warm red	12 × 7 × 6	14	0.87	100	0	No	
I/-3, 15694	12.11.2014-4	F	Ruby red	15 × 11 × 6	17	0.54	100	70	No	
G/-4, 15667	29.10.2014-4	F	Warm red	10 × 9 × 3	10	0.21	100	15	No	Core thinning or preparation
G/-4, 15667	29.10.2014-5	F	Orange	15 × 11 × 3	15	0.45	100	0	No	
G/-4, 15667	29.10.2014-6	F	Warm red	8 × 22 × 4	23	0.76	15	100	No	Distal end
I/-3, 15694	02.11.2014-1	F	Glassy grey/warm red	10 × 8 × 1	11	0.08	70	0	No	Thinning flake; both laterals missing
I/-3, 15694	02.11.2014-2	F	Glassy grey with red bands	10 × 11 × 6	13	0.42	100	25	No	
I/-3, 15964	02.11.2014-4	F	Glassy grey with red bands	12 × 14 × 10	14	0.81	90	40	No	SPR broken off
H/-4, 15646	27.10.2014-25	F	Warm red	10 × 10 × 1	10	0.1	90	0	No	Thinning or shaping flake; left distal-lateral tip broken off
H/-4, 15646	27.10.2014-26	F	Orange with dark bands	9 × 10 × 1	11	0.08	100	0	No	
H/-4, 15646	27.10.2014-30	F	Orange with dark bands	9 × 10 × 3	10	0.16	100	0	No	Shaping flake
H/-4, 15646	27.10.2014-31	F	Orange	5 × 10 × 3	11	0.14	50	0	No	Distal 50%
H/-4, 15646	27.10.2014-41	F	Orange with dark bands	10 × 10 × 2	11	0.23	100	<5	No	
H/-4, 15646	27.10.2014-42	F	Ruby red	8 × 11 × 2	13	0.24	30	100	No	
H/-4, 15646	27.10.2014-44	F	Warm red	12 × 7 × 3	12	0.27	100	0	No	Core preparation or shaping flake
H/-4, 15646	27.10.2014-45	F	Glassy grey with red bands	10 × 9 × 2	10	0.19	100	0	No	Shaping flake
H/-4, 15646	27.10.2014-46	F	Warm red	8 × 12 × 2	13	0.12	95	0	No	Proximal tip with SPR broken off
H/-4, 15646	27.10.2014-47	F	Glassy grey with red bands	7 × 10 × 3	10	0.29	100	0	No	Shaping flake
H/-4, 15646	27.10.2014-48	F	Orange	12 × 8 × 3	12	0.31	100	0	No	Shaping flake
H/-4, 15646	27.10.2014-49	F	Orange	12 × 8 × 2	12	0.19	100	10	No	Thinning or core preparation flake
H/-4, 15646	27.10.2014-51	F	Warm red	10 × 10 × 3	11	0.25	100	40	No	Thinning or core preparation flake
H/-4, 15646	27.10.2014-52	F	Orange	12 × 8 × 2	13	0.26	100	0	No	Core preparation
H/-4, 15646	27.10.2014-56	F	Orange	11 × 10 × 3	11	0.35	50	70	No	Right lateral 50%
H/-4, 15646	27.10.2014-57	F	Honey	9 × 12 × 4	12	0.28	50	45	No	Left lateral-distal diagonal 50%
H/-4, 15646	27.10.2014-59	F	Orange	9 × 12 × 3	13	0.33	100	0	No	Shaping or core preparation flake
H/-4, 15646	27.10.2014-60	F	Warm red	13 × 10 × 3	13	0.3	100	0	No	Shaping flake
H/-4, 15646	27.10.2014-63	F	Warm red	7 × 14 × 4	14	0.33	40	0	No	Distal end
H/-4, 15646	27.10.2014-65	F	Glassy grey with red bands	10 × 11 × 4	12	0.36	100	5	No	Shaping or core preparation flake
H/-4, 15646	27.10.2014-70	F	Orange with dark bands	14 × 9 × 5	20	0.57	90	20	No	SPR broken off
H/-4, 15646	27.10.2014-71	F	Orange	12 × 11 × 4	13	0.47	100	0	Polished	Dorsal with possible polish
H/-4, 15646	27.10.2014-72	F	Orange with dark bands	13 × 14 × 4	15	0.49	100	0	No	
H/-4, 15646	27.10.2014-73	F	Ruby red	10 × 13 × 5	14	0.52	100	25	No	
H/-4, 15646	27.10.2014-75	F	Orange	12 × 14 × 4	17	0.44	100	0	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15646	27.10.2014-76	F	Orange	9 × 12 × 6	12	0.55	100	35	No	
H/-4, 15646	27.10.2014-78	F	Orange	14 × 13 × 3	15	0.55	95	100	No	SPR broken off
H/-4, 15646	27.10.2014-80	F	Orange with dark bands	17 × 11 × 5	18	0.81	75	0	No	Large shaping flake; right distal 25% broken off
H/-4, 15646	27.10.2014-82	F	Orange	11 × 12 × 3	13	0.5	85	0	No	Shaping flake; distal end broken off
H/-4, 15646	27.10.2014-85	F	Ruby red	13 × 12 × 10	14	1.26	100	<5	No	Core preparation
H/-4, 15646	27.10.2014-87	F	Warm red	17 × 11 × 2	17	0.42	95	95	No	SPR broken off
H/-4, 15646	27.10.2014-88	F	Orange with dark bands	13 × 17 × 3	19	0.51	100	5	No	
H/-4, 15646	27.10.2014-89	F	Orange with dark bands	17 × 15 × 5	18	0.91	95	<5	No	SPR broken off
H/-4, 15646	27.10.2014-90	F	Ruby red	20 × 12 × 3	20	0.76	100	95	No	
H/-4, 15646	27.10.2014-91	F	Ruby red	19 × 15 × 5	19	1.07	100	100	No	
H/-4, 15646	27.10.2014-93	F	Glassy grey with red bands	16 × 19 × 8	19	1.51	100	25	No	
H/-4, 15646	27.10.2014-97	F	Glassy grey/warm red	17 × 21 × 9	21	2.49	100	90	No	
H/-4, 15646	27.10.2014-102	F	Dark red	26 × 20 × 8	26	4.17	100	90	No	Capping flake: to test raw material
H/-4, 15782	09.11.2014-11	F	Glassy grey with red bands	10 × 6 × 2	10	0.17	100	0	No	Shaping flake
H/-4, 15782	09.11.2014-12	F	Glassy grey with red bands	7 × 14 × 3	14	0.21	35	0	No	Distal 33%
H/-4, 15782	09.11.2014-15	F	Warm red	11 × 9 × 4	12	0.33	100	45	No	
H/-4, 15782	09.11.2014-16	F	Orange	12 × 12 × 4	12	0.39	100	70	No	
H/-4, 15782	09.11.2014-17	F	Honey	12 × 11 × 2	12	0.29	100	0	Partly polished	
H/-4, 15782	09.11.2014-21	F	Glassy grey with red bands	44 × 34 × 11	48	17.05	100	100	No	Capping flake: to test raw material
H/-4, 15762	08.11.2014-8	F	Orange	8 × 6 × 3	10	0.12	75	0	No	Shaping flake; proximal end broken off
H/-4, 15762	08.11.2014-13	F	Orange	11 × 9 × 3	13	0.3	100	45	No	
H/-4, 15762	08.11.2014-14	F	Orange	14 × 11 × 3	15	0.24	100	0	No	
H/-4, 15667	30.10.2014-3	F	Glassy orange	9 × 8 × 3	11	0.21	100	0	No	
H/-4, 15667	30.10.2014-4	F	Glassy orange	13 × 7 × 2	15	0.18	100	0	No	
H/-4, 15667	30.10.2014-5	F	Orange	11 × 10 × 2	13	0.29	85	0	No	Right lateral chipped off
H/-4, 15667	30.10.2014-8	F	Glassy grey with red bands	27 × 33 × 9	33	6.74	100	95	No	Irregular flake, possibly from capping, cortex with white powder (lime)
H/-4, 15667	30.10.2014-9	F	Glassy grey	38 × 28 × 10	40	11.05	100	100	No	Irregular flake, possibly from capping
H/-4, 15762	06.11.2014-4	F	Orange	9 × 8 × 2	10	0.15	75	0	No	Proximal end missing
H/-4, 15762	06.11.2014-6	F	Glassy grey with red bands	13 × 14 × 4	14	0.43	95	<5	No	SPR broken off
H/-4, 15782	11.11.2014-3	F	Orange	11 × 8 × 2	11	0.22	100	0	No	Shaping flake
H/-4, 15782	11.11.2014-4	F	Orange with dark bands	7 × 10 × 4	10	0.22	100	50	No	
H/-4, 15782	11.11.2014-5	F	Glassy grey/warm red	9 × 16 × 3	16	0.24	100	0	No	
H/-4, 15782	11.11.2014-6	F	Ruby red	9 × 15 × 2	15	0.35	95	90	No	SPR broken off
H/-4, 15607	20.10.2014-9	F	Orange	5 × 9 × 2	10	0.12	100	0	No	
H/-4, 15607	20.10.2014-11	F	Orange	7 × 10 × 2	10	0.11	100	0	No	Thinning flake/shaping flake
H/-4, 15607	20.10.2014-13	F	Ruby red	16 × 18 × 5	20	1.45	100	100	No	
H/-4, 15656	28.10.2014-5	F	Warm red	10 × 7 × 2	11	0.14	100	0	No	Shaping flake
H/-4, 15656	28.10.2014-7	F	Glassy grey	9 × 7 × 3	10	0.18	50	0	No	Both laterals missing
H/-4, 15656	28.10.2014-9	F	Glassy orange	9 × 10 × 3	10	0.21	100	15	No	With traces of lime
H/-4, 15656	28.10.2014-11	F	Glassy grey with red bands	40 × 16 × 9	40	5.72	75	90	No	Most of right lateral missing; from capping
G/-4, 15655	27.10.2014-5	F	Warm red	10 × 8 × 2	10	0.12	95	0	No	Distal end chipped off
G/-4, 15655	27.10.2014-7	F	Glassy orange	7 × 10 × 3	10	0.23	100	0	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
G/-4, 15655	27.10.2014-8	F	Orange	10 × 11 × 2	12	0.2	100	0	No	
G/-4, 15655	27.10.2014-9	F	Glassy grey	9 × 12 × 3	12	0.21	100	30	No	
G/-3, 15658	30.10.2014-3	F	Glassy grey with red bands	7 × 10 × 3	10	0.17	60	<5	No	Proximal 50% of shaping flake
G/-3, 15658	30.10.2014-4	F	Orange	7 × 10 × 2	10	0.08	100	0	No	Thinning flake/shaping flake
G/-3, 15658	30.10.2014-5	F	Warm red	9 × 8 × 3	10	0.17	100	0	No	
G/-3, 15658	30.10.2014-6	F	Glassy grey with red bands	12 × 13 × 2	13	0.16	100	0	No	Thinning flake
G/-3, 15658	30.10.2014-8	F	N/A	12 × 8 × 5	13	0.53	100	30	No	Opaque white colour: probably burnt
G/-3, 15658	30.10.2014-9	F	Ruby red	15 × 7 × 6	16	0.67	100	0	No	
G/-3, 15658	30.10.2014-11	F	Orange	20 × 15 × 3	22	0.39	40	0	No	Right lateral
G/-3, 15658	30.10.2014-13	F	Glassy grey with red bands	15 × 14 × 4	17	0.62	100	0	No	
G/-3, 15658	30.10.2014-14	F	Orange with dark bands	15 × 15 × 5	18	0.99	95	0	No	SPR broken off
G/-3, 15658	30.10.2014-16	F	Honey	19 × 14 × 11	20	1.98	65	40	No	Medial-distal 66%
G/-3, 15658	30.10.2014-18	F	Glassy grey/warm red	33 × 19 × 11	33	6.06	100	75	No	
G/-3, 15658	30.10.2014-19	F	Honey	30 × 37 × 7	37	7.53	100	100	No	Capping flake: to test raw material
H/-4, 15646	26.10.2014-10	F	Glassy grey with red bands	7 × 10 × 2	10	0.04	40	0	No	Distal 50%
H/-4, 15646	26.10.2014-19	F	Glassy grey with red bands	9 × 6 × 2	11	0.04	100	0	No	
H/-4, 15646	26.10.2014-20	F	Warm red	9 × 6 × 2	10	0.11	100	10	No	
H/-4, 15646	26.10.2014-26	F	Glassy orange	11 × 7 × 3	11	0.19	100	0	No	
H/-4, 15646	26.10.2014-34	F	Warm red	7 × 9 × 3	11	0.08	25	0	No	Proximal-left lateral corner
H/-4, 15646	26.10.2014-38	F	Orange	5 × 12 × 3	12	0.21	20	75	No	Distal end
H/-4, 15646	26.10.2014-39	F	Glassy orange	9 × 10 × 2	10	0.09	85	0	No	Proximal tip with SPR broken off; thinning flake
H/-4, 15646	26.10.2014-44	F	Orange with dark bands	6 × 12 × 3	13	0.11	15	75	No	Distal end
H/-4, 15646	26.10.2014-45	F	Warm red	11 × 9 × 3	11	0.21	100	<5	No	
H/-4, 15646	26.10.2014-46	F	Orange	9 × 7 × 2	11	0.11	100	50	No	
H/-4, 15646	26.10.2014-51	F	Glassy grey with red bands	9 × 17 × 3	18	0.32	95	0	No	SPR broken off
H/-4, 15646	26.10.2014-52	F	Glassy grey/warm red	8 × 11 × 1	11	0.1	100	0	No	Thinning flake
H/-4, 15646	26.10.2014-55	F	Glassy grey with red bands	14 × 9 × 3	14	0.33	100	25	No	
H/-4, 15646	26.10.2014-56	F	Dark red	10 × 9 × 2	11	0.21	75	100	No	Proximal-medial
H/-4, 15646	26.10.2014-57	F	Glassy grey with red bands	11 × 9 × 3	11	0.23	100	0	No	
H/-4, 15646	26.10.2014-58	F	Orange	5 × 16 × 3	16	0.24	10	10	No	Distal tip
H/-4, 15646	26.10.2014-59	F	Glassy orange	9 × 14 × 3	15	0.32	30	5	No	Right proximal-lateral corner
H/-4, 15646	26.10.2014-62	F	Warm red	11 × 11 × 3	11	0.25	100	0	No	
H/-4, 15646	26.10.2014-65	F	Glassy grey/warm red	11 × 13 × 2	13	0.25	100	0	?	Dorsal possibly polished
H/-4, 15646	26.10.2014-66	F	Ruby red	12 × 11 × 3	14	0.41	100	80	No	
H/-4, 15646	26.10.2014-67	F	Glassy grey/warm red	16 × 21 × 3	22	0.51	100	0	No	Thinning flake
H/-4, 15646	26.10.2014-72	F	Glassy grey with red bands	13 × 8 × 5	13	0.74	65	0	No	Medial-distal 66%
H/-4, 15646	26.10.2014-73	F	Warm red	8 × 19 × 4	19	0.59	20	90	No	Distal end
H/-4, 15646	26.10.2014-76	F	Glassy orange	21 × 17 × 3	23	0.65	100	0	No	
H/-4, 15646	26.10.2014-77	F	Glassy grey with red bands	19 × 11 × 5	19	0.95	100	35	No	
H/-4, 15646	26.10.2014-79	F	Glassy grey with red bands	18 × 21 × 5	21	1.45	100	50	No	
H/-4, 15646	26.10.2014-81	F	Ruby red	18 × 23 × 24	23	1.48	100	95	No	
H/-4, 15646	26.10.2014-82	F	Glassy orange	16 × 31 × 5	32	3.17	100	10	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15656	06.11.2014-22	F	Glassy orange	7 × 9 × 1	10	0.02	100	0	No	
H/-4, 15656	06.11.2014-26	F	Warm red	9 × 7 × 1	10	0.07	100	0	No	
H/-4, 15656	06.11.2014-35	F	Warm red	6 × 10 × 1	11	0.07	100	5	No	
H/-4, 15656	06.11.2014-38	F	Glassy grey/warm red	8 × 11 × 2	11	0.15	85	20	No	Proximal tip with SPR broken off
H/-4, 15656	06.11.2014-39	F	Warm red	6 × 11 × 3	11	0.17	100	0	No	SP: weathered
H/-4, 15656	06.11.2014-40	F	Orange	7 × 10 × 3	10	0.16	100	0	No	
H/-4, 15656	06.11.2014-41	F	Orange with dark bands	7 × 10 × 3	10	0.18	100	0	No	
H/-4, 15656	06.11.2014-43	F	Orange	7 × 11 × 2	11	0.15	100	0	No	
H/-4, 15656	06.11.2014-44	F	Orange	6 × 12 × 2	12	0.13	100	0	No	
H/-4, 15656	06.11.2014-45	F	Orange	4 × 15 × 3	15	0.19	100	0	No	SP: weathered
H/-4, 15656	06.11.2014-46	F	Glassy grey with red bands	10 × 9 × 2	10	0.12	100	5	No	
H/-4, 15656	06.11.2014-47	F	Warm red	11 × 10 × 3	12	0.13	100	45	No	
H/-4, 15656	06.11.2014-48	F	Orange with dark bands	9 × 10 × 3	10	0.17	100	0	No	Shaping flake
H/-4, 15656	06.11.2014-50	F	Ruby red	9 × 7 × 2	11	0.2	100	90	No	
H/-4, 15656	06.11.2014-52	F	Warm red	9 × 7 × 2	10	0.14	100	0	No	
H/-4, 15656	06.11.2014-53	F	Warm red	13 × 7 × 4	13	0.2	90	0	No	SPR broken off
H/-4, 15656	06.11.2014-54	F	Glassy grey/warm red	14 × 7 × 1	14	0.15	25	0	No	Right distal-lateral corner; dorsal with strong wind polish
H/-4, 15656	06.11.2014-55	F	Glassy orange	7 × 10 × 2	10	0.13	100	0	No	Shaping flake
H/-4, 15656	06.11.2014-57	F	Glassy orange	8 × 10 × 3	10	0.2	100	<5	No	
H/-4, 15656	06.11.2014-59	F	Orange	11 × 8 × 4	12	0.24	100	25	No	
H/-4, 15656	06.11.2014-60	F	Orange	13 × 8 × 3	13	0.26	80	80	No	Proximal tip with SPR broken off
H/-4, 15656	06.11.2014-61	F	Glassy orange	5 × 21 × 4	21	0.3	10	100	No	Distal tip
H/-4, 15656	06.11.2014-62	F	Warm red	14 × 9 × 6	16	0.63	100	15	No	
H/-4, 15656	06.11.2014-63	F	Orange	7 × 11 × 4	11	0.2	100	0	No	Shaping flake
H/-4, 15656	06.11.2014-64	F	Ruby red	11 × 9 × 2	12	0.27	100	95	No	
H/-4, 15656	06.11.2014-66	F	Honey	12 × 17 × 2	17	0.37	100	0	No	Thinning flake
H/-4, 15656	06.11.2014-67	F	Glassy grey/warm red	13 × 8 × 3	14	0.43	100	0	No	
H/-4, 15656	06.11.2014-70	F	Glassy grey/warm red	18 × 11 × 2	18	0.32	100	0	No	Thinning flake
H/-4, 15656	06.11.2014-72	F	Ruby red	15 × 13 × 3	16	0.65	100	80	No	Dorsal with small core preparation removals
H/-4, 15656	06.11.2014-74	F	Warm red	13 × 19 × 7	23	1.33	100	60	No	
H/-4, 15656	06.11.2014-75	F	Orange with dark bands	20 × 20 × 5	21	1.7	100	0	No	
H/-4, 15656	06.11.2014-76	F	Pinkish red	17 × 17 × 5	17	1.08	100	100	No	
H/-4, 15620	21.10.2014-28	F	Orange with dark bands	9 × 7 × 1	10	0.03	100	0	No	
H/-4, 15620	21.10.2014-29	F	Glassy orange	6 × 9 × 2	10	0.15	100	5	No	
H/-4, 15620	21.10.2014-32	F	Orange	12 × 8 × 2	12	0.14	100	0	No	
H/-4, 15620	21.10.2014-34	F	Orange with dark bands	9 × 9 × 1	10	0.08	100	0	No	
H/-4, 15620	21.10.2014-35	F	Warm red	8 × 8 × 1	10	0.1	100	0	No	Thinning flake/shaping flake
H/-4, 15620	21.10.2014-39	F	Warm red	6 × 13 × 5	14	0.32	30	0	No	Proximal end
H/-4, 15620	21.10.2014-40	F	Glassy grey/warm red	5 × 11 × 3	11	0.23	50	0	No	Distal 50%
H/-4, 15620	21.10.2014-41	F	Glassy grey/warm red	9 × 10 × 2	11	0.17	100	70	No	
H/-4, 15620	21.10.2014-43	F	Orange	10 × 10 × 3	12	0.23	100	0	No	
H/-4, 15620	21.10.2014-45	F	Glassy orange	11 × 9 × 3	12	0.28	100	0	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15620	21.10.2014-46	F	Orange with dark bands	12 × 10 × 3	12	0.28	100	0	No	
H/-4, 15620	21.10.2014-53	F	Glassy orange	13 × 7 × 3	14	0.25	100	45	No	
H/-4, 15620	21.10.2014-54	F	Ruby red	12 × 11 × 2	13	0.33	90	95	No	Right lateral chipped off
H/-4, 15620	21.10.2014-55	F	Glassy grey with red bands	14 × 9 × 4	15	0.45	100	0	No	
H/-4, 15620	21.10.2014-56	F	Glassy orange	14 × 14 × 3	14	0.36	100	0	No	Thinning flake
H/-4, 15620	21.10.2014-57	F	Glassy grey with red bands	14 × 10 × 3	18	0.33	100	0	No	
H/-4, 15620	21.10.2014-59	F	Ruby red	14 × 14 × 2	17	0.34	100	100	No	
H/-4, 15620	21.10.2014-60	F	Glassy orange	16 × 10 × 4	17	0.66	85	0	No	Proximal tip with SPR broken off
H/-4, 15620	21.10.2014-63	F	Ruby red	15 × 13 × 4	16	0.6	100	0	No	
H/-4, 15620	21.10.2014-68	F	Glassy orange	13 × 20 x	22	2.09	100	60	No	From core preparation?
H/-4, 15620	21.10.2014-70	F	Glassy grey/warm red	14 × 30 × 6	32	3.35	90	90	No	Proximal tip with SPR broken off
H/-4, 15620	21.10.2014-71	F	Pinkish red	27 × 28 × 10	34	2.96	100	10	No	
H/-4, 15620	21.10.2014-72	F	Glassy grey and pink	19 × 31 × 8	34	5.47	100	90	No	
H/-4, 15657	28.10.2014-6	F	Ruby red	5 × 11 × 1	11	0.04	100	0	No	Opaque
H/-4, 15657	28.10.2014-7	F	Glassy orange	8 × 11 × 1	14	0.12	100	0	No	
H/-4, 15657	28.10.2014-10	F	Glassy grey with red bands	10 × 9 × 1	10	0.09	100	0	No	Thinning flake
H/-4, 15657	28.10.2014-11	F	Glassy grey/warm red	8 × 10 × 3	11	0.16	45	0	No	Right distal-lateral diagonal
H/-4, 15657	28.10.2014-12	F	Orange with dark bands	7 × 10 × 3	10	0.17	100	0	No	
H/-4, 15657	28.10.2014-13	F	Orange	8 × 10 × 5	11	0.21	100	0	No	
H/-4, 15657	28.10.2014-15	F	Ruby red	12 × 10 × 1	12	0.21	100	0	No	
H/-4, 15657	28.10.2014-16	F	Warm red	11 × 12 × 2	13	0.19	100	0	No	
H/-4, 15657	28.10.2014-17	F	Ruby red	11 × 13 × 2	13	0.24	95	100	No	Small corner chipped off
H/-4, 15657	28.10.2014-18	F	Glassy orange	12 × 12 × 1	13	0.23	100	0	No	Thinning flake
H/-4, 15657	28.10.2014-19	F	Brownish red	10 × 17 × 2	17	0.24	100	0	No	Thinning flake
H/-4, 15657	28.10.2014-21	F	Warm red	10 × 9 × 6	12	0.48	100	15	No	
H/-4, 15657	28.10.2014-22	F	Honey	12 × 14 × 4	15	0.51	100	80	No	
H/-4, 15657	28.10.2014-23	F	Glassy orange	9 × 16 × 6	16	0.81	100	<5	No	
H/-4, 15657	28.10.2014-24	F	Orange	13 × 16 × 5	17	0.77	100	0	No	
H/-4, 15657	28.10.2014-25	F	Warm red	12 × 13 × 7	14	0.99	100	30	No	Semi-opaque
H/-4, 15657	28.10.2014-26	F	Orange with dark bands	14 × 11 × 8	16	1.07	100	<5	No	With crystal centre
H/-4, 15657	28.10.2014-28	F	Glassy grey/warm red	32 × 28 × 5	34	3.77	100	95	No	
K/-2, 17595	18.10.2017	F	Orange	32 × 13 × 9	32	2	90	75	No	Left lateral broken off
G/-4, 17513	19.10.2017	F	Ruby red	12 × 11 × 4	14	0.47	100	0	No	Raw material has quite rough structure
K/-2, 17577	10.10.2017	F	Orange with dark bands	12 × 18 × 8	18	1.76	35	0	No	Proximal end
K/-2, 17577	10.10.2017	F	Orange with dark bands	11 × 20 × 4	20	0.69	100	0	No	With two bulbs of percussion
K/-2, 17577	10.10.2017	F	Glassy orange	11 × 7 × 1	11	0.53	100	0	No	Thinning flake
H/-2, 17506	09.10.2017	F	Orange	12 × 12 × 4	13	0.09	100	0	No	
I/-2, 17550	09.10.2017	F	Orange	7 × 10 × 2	10	0.13	100	0	No	
L/-5, 17518	08.10.2017	F	Orange with dark bands	20 × 16 × 4	25	1.05	100	0	No	Crystalline band at distal end
I/-2, 17603	14.10.2017	F	Glassy grey with red bands	13 × 12 × 8	13	1.11	100	30	No	
J/-2, 17628	16.10.2017	F	Ruby red	14 × 13 × 2	14	0.42	100	85	No	
H/-2, 17612	17.10.2017	F	Orange with dark bands	17 × 13 × 4	18	0.79	100	75	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
G/-2, 17505	19.10.2017-1	F	Orange	10 × 10 × 3	12	0.34	100	80	No	
J/-2, 17508	21.10.2017	F	Warm red	10 × 8 × 2	10	0.17	100	0	No	
L/-2, 17610	16.10.2017-	F	Warm red	23 × 21 × 3	23	1.4	100	0	No	Strong white discoloration and cracking: burnt
L/-4, 17517	08.10.2017-1	F	Glassy orange	7 × 10 × 1	10	0.01	100	0	No	
L/-2, 17631	15.10.2017-1	F	Glassy grey/warm red	11 × 10 × 5	12	0.23	100	0	No	
L/-2, 17631	15.10.2017-2	F	Orange with dark bands	9 × 16 × 3	16	0.5	100	0	No	
J/-2, 17534	15.10.2017-2	F	Orange	13 × 11 × 5	13	0.89	100	5	No	
J/-2, 17534	15.10.2017-3	F	Brownish red	20 × 28 × 18	28	7.68	100	40	No	Very crude, thick flake, probably from capping; non-cortical dorsal mainly weathered
I/-3, 17503	08.10.2017-5	F	Glassy grey with red bands	8 × 12 × 2	12	0.21	95	0	No	SPR broken off
I/-3, 17503	08.10.2017-6	F	Orange	10 × 9 × 5	10	0.44	100	0	No	SP: either weathered or showing grinding marks
I/-3, 17503	08.10.2017-7	F	Dark red	16 × 12 × 3	17	0.76	75	100	No	
I/-2, 17507	22.10.2017-1	F	Ruby red	19 × 19 × 8	19	2.7	100	95	No	
I/-2, 17507	22.10.2017-3	F	Ruby red	43 × 56 × 17	56	45	100	90	No	Large capping or splitting flake with crystalline centre; left dorsal shows large removal and several small removals: possibly attempt to use as core
G/-4, 17513	23.10.2017-4	F	Orange with dark bands	15 × 16 × 10	16	2.08	100	35	No	Dorsal with weathered clefts; rough raw material, hence flake is crude and irregular
L/-4, 17544	23.10.2017-1	F	Ruby red	10 × 18 × 3	19	0.6	35	100	No	Distal end
L/-5, 17544	23.10.2017-2	F	Orange	17 × 15 × 8	18	0.98	100	15	No	
H/-2 N, 17565	23.10.2017	F	Orange with dark bands	8 × 14 × 4	14	0.5	50	0	No	Proximal 50%
J/-5, 17707	25.10.2017-3	F	Orange	17 × 17 × 4	17	1.29	100	95	No	No bulb of percussion: instead very flat, yellowish opaque surface, possibly a natural band of different composition than primary raw material
G/-4, 17513	25.10.2017-2	F	Orange	16 × 25 × 7	25	3.45	60	100	No	
G/-5, 17514	25.10.2017-1	F	Orange	11 × 15 × 3	15	0.61	100	40	No	
G/-5, 17514	25.10.2017-2	F	Ruby red	13 × 11 × 4	13	0.66	80	95	No	Right lateral broken off
I/-2 N, 17659	26.10.2017	F	Orange	9 × 6 × 2	10	0.22	100	0	No	
G/-5, 17698	26.10.2017-5	F	Orange	8 × 11 × 3	11	0.23	100	0	No	Shaping flake
G/-5, 17698	26.10.2017-6	F	Glassy grey/warm red	11 × 20 × 10	31	4.58	100	75	No	Capping flake: to test raw material
G/-4, 17721	26.10.2017-4	F	Glassy orange	9 × 8 × 2	10	0.13	100	0	No	
G/-2, 17659	28.10.2017-1	F	Ruby red	12 × 12 × 3	14	0.34	100	70	No	
G/-4, 17721	28.10.2017	F	Glassy grey with red bands	22 × 16 × 9	26	3.55	100	10	No	
G/-4, 17721	29.10.2017	F	Warm red	17 × 11 × 3	17	0.48	100	0	No	
G/-2, 17737	30.10.2017-1	F	Glassy orange	8 × 11 × 1	12	0.09	35	10	No	Distal end
G/-2, 17737	30.10.2017-2	F	Honey	10 × 8 × 4	11	0.26	100	0	No	
K/-4, 15674	29.10.2014	MD	Orange	N/A	10	0.13	100	0	No	Slightly weathered, possibly core preparation flake
H/-3, 15639	23.10.2014	MD	Orange	N/A	8	0.12	N/A	0	No	
K/-4, 15628	03.11.2014	MD	Orange	N/A	6	0.11	N/A	15	No	
K/-4 and L/-4, 15689	03.11.2014	MD	Ruby red	N/A	7	0.11	N/A	0	No	
H/-4, 15620	20.10.2014-1	MD	Glassy grey	N/A	3	0.01	N/A	20	No	
H/-4, 15620	20.10.2014-2	MD	Orange	N/A	3	0.01	N/A	10	No	
H/-4, 15620	20.10.2014-3	MD	Orange	N/A	4	0.01	N/A	0	No	
G/-3, 15658	29.10.2014-1	MD	Orange	N/A	8	0.14	N/A	5	No	
G/-3, 15763	06.11.2014-1	MD	Glassy grey	N/A	8	0.17	N/A	40	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
I/-3, 15694	03.11.2014-1	MD	Orange	N/A	6	0.03	N/A	0	No	
I/-5, 15750	04.11.2014-1	MD	Warm red	N/A	9	0.24	N/A	5	No	
I/-5, 15750	04.11.2014-2	MD	Glassy grey with red bands	N/A	8	0.16	N/A	0	No	
H/-5, 15758	05.11.2014-1	MD	Orange	N/A	7	0.08	N/A	20	No	
G/-4, 15609	26.10.2014-1	MD	Orange	N/A	4	0.01	N/A	0	No	
G/-3, 15658	28.10.2014-1	MD	Orange	N/A	5	0.01	N/A	0	No	
G/-4, 15667	29.10.2014-3	MD	Warm red	N/A	7	0.2	N/A	0	No	
H/-4, 15646	27.10.2014-7	MD	Orange	N/A	6	0.05	N/A	0	No	
H/-4, 15646	27.10.2014-11	MD	Warm red	N/A	7	0.05	N/A	50	No	
H/-4, 15646	27.10.2014-12	MD	Orange	N/A	8	0.05	N/A	0	No	From shaping
H/-4, 15646	27.10.2014-16	MD	Orange with dark bands	N/A	9	0.1	N/A	0	No	
H/-4, 15646	27.10.2014-17	MD	Warm red	N/A	9	0.08	N/A	0	No	
H/-4, 15646	27.10.2014-19	MD	Warm red	N/A	9	0.1	N/A	0	No	
H/-4, 15646	27.10.2014-20	MD	Orange	N/A	8	0.14	N/A	15	No	
H/-4, 15646	27.10.2014-21	MD	Orange	N/A	9	0.09	N/A	0	No	
H/-4, 15646	27.10.2014-22	MD	Warm red	N/A	8	0.16	N/A	0	No	
H/-4, 15782	09.11.2014-1	MD	Ruby red	N/A	8	0.03	N/A	15	No	
H/-4, 15782	09.11.2014-6	MD	Warm red	N/A	8	0.18	N/A	<5	No	
H/-4, 15762	08.11.2014-4	MD	Orange with dark bands	N/A	6	0.04	N/A	0	No	
H/-4, 15667	30.10.2014-2	MD	Orange	N/A	6	0.06	N/A	0	No	
H/-4, 15762	06.11.2014-1	MD	Orange	N/A	6	0.03	N/A	0	No	
H/-4, 15762	06.11.2014-2	MD	Orange	N/A	9	0.12	N/A	0	No	
H/-4, 15607	20.10.2014-2	MD	Orange	N/A	8	0.01	N/A	0	No	
H/-4, 15607	20.10.2014-3	MD	Orange with dark bands	N/A	8	0.08	N/A	0	No	
H/-4, 15607	20.10.2014-6	MD	Orange	N/A	9	0.05	N/A	0	No	
H/-4, 15656	28.10.2014-8	MD	Glassy orange	N/A	7	0.18	N/A	25	No	
G/-3, 15610	22.10.2014-1	MD	Glassy grey with red bands	N/A	8	0.02	N/A	0	No	
G/-3, 15610	22.10.2014-3	MD	Ruby red	N/A	6	0.15	N/A	0	No	
H/-4, 15646	26.10.2014-1	MD	Glassy grey with red bands	N/A	6	0.01	N/A	0	No	
H/-4, 15646	26.10.2014-2	MD	Orange with dark bands	N/A	6	0.01	N/A	0	No	
H/-4, 15646	26.10.2014-11	MD	Pinkish red	N/A	7	0.14	N/A	0	No	
H/-4, 15646	26.10.2014-13	MD	Glassy grey with red bands	N/A	9	0.09	N/A	5	No	
H/-4, 15646	26.10.2014-28	MD	Glassy grey	N/A	9	0.08	N/A	<5	No	
H/-4, 15646	26.10.2014-29	MD	Glassy grey with red bands	N/A	9	0.11	N/A	0	No	
H/-4, 15646	26.10.2014-30	MD	Orange	N/A	8	0.11	N/A	0	No	One surface weathered
H/-4, 15656	06.11.2014-4	MD	Orange	N/A	5	0.06	N/A	0	No	One side showing grinding marks
H/-4, 15656	06.11.2014-5	MD	Orange	N/A	6	0.08	N/A	5	No	
H/-4, 15656	06.11.2014-11	MD	Orange	N/A	8	0.09	N/A	0	No	
H/-4, 15656	06.11.2014-12	MD	Ruby red	N/A	6	0.11	N/A	5	No	
H/-4, 15656	06.11.2014-15	MD	Glassy grey with red bands	N/A	9	0.1	N/A	0	No	
H/-4, 15656	06.11.2014-21	MD	Ruby red	N/A	8	0.04	N/A	50	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15656	06.11.2014-29	MD	Glassy grey/warm red	N/A	8	0.12	N/A	30	No	
H/-4, 15656	06.11.2014-49	MD	Orange	N/A	7	0.19	N/A	<5	No	Possible RU fragment
H/-4, 15620	21.10.2014-1	MD	Warm red	N/A	3	<0.01	N/A	0	No	
H/-4, 15620	21.10.2014-2	MD	Orange	N/A	3	<0.01	N/A	0	No	
H/-4, 15620	21.10.2014-3	MD	Warm red	N/A	3	<0.01	N/A	0	No	
H/-4, 15620	21.10.2014-4	MD	Warm red	N/A	4	<0.01	N/A	0	No	
H/-4, 15620	21.10.2014-5	MD	Orange	N/A	6	0.01	N/A	0	No	
H/-4, 15620	21.10.2014-6	MD	Glassy grey with red bands	N/A	5	0.01	N/A	0	No	
H/-4, 15620	21.10.2014-7	MD	Glassy grey with red bands	N/A	5	0.01	N/A	0	No	
H/-4, 15620	21.10.2014-22	MD	Glassy orange	N/A	7	0.09	N/A	40	No	
H/-4, 15620	21.10.2014-30	MD	Ruby red	N/A	6	0.14	N/A	35	No	
H/-4, 15620	21.10.2014-42	MD	Warm red	N/A	9	0.24	N/A	20	No	
H/-4, 15657	28.10.2014-2	MD	Orange	N/A	5	0.04	N/A	0	No	RU fragment?
G/-2 N, 17505	21.10.2017-1	MD	Warm red	N/A	5	<0.01	N/A	0	No	
G/-2 N, 17505	21.10.2017-3	MD	Warm red	N/A	6	0.03	N/A	<5	No	One surface with milky discoloration
J/-5, 17515	09.10.2017	MD	Ruby red	N/A	9	0.18	N/A	50	No	
J/-2, 17534	15.10.2017-1	MD	Orange	N/A	9	0.07	N/A	0	No	
I/-3, 17503	08.10.2017-2	MD	Orange	N/A	7	0.03	N/A	0	No	
G/-5, 17698	26.10.2017-1	MD	Orange	N/A	7	0.11	N/A	0	No	
G/-4, 17721	26.10.2017-2	MD	Warm red	N/A	7	0.12	N/A	0	No	
I/-2, 17670	28.10.2017-1	MD	Orange	N/A	3	<0.01	N/A	0	No	
I/-2, 17670	28.10.2017-2	MD	Orange	N/A	4	<0.01	N/A	0	No	
I/-2, 17740	30.10.2017	MD	Warm red	N/A	8	0.03	N/A	0	No	
H/-5, 17749	31.10.2017-3	MD	Orange	N/A	7	<0.01	N/A	0	No	
G/-3, 15650	09.11.2014	N	Dark red	N/A	37	15.98	<50	60	No	Irregular split: probably discarded
G/-3, 15610	23.10.2014-4	N	Glassy grey with red bands	N/A	42	20.3	45	65	No	Irregular split: probably discarded
I/-5, 15753	05.11.2014-3	N	Pinkish red	N/A	42	17.81	35	45	No	Irregular split: probably discarded
I/-4, 15605	19.10.2014-2	N	Ruby red	N/A	35	19.15	50	65	No	Initial split
G/-3, 15658	28.10.2014-4	N	Ruby red	N/A	44	23.9	N/A	65	No	Initial split
G/-3, 15658	28.10.2014-5	N	Glassy grey with red bands	N/A	49	41.64	N/A	55	No	Initial split
H/-4, 15646	27.10.2014-106	N	Glassy grey with red bands	N/A	36	18.98	45	60	No	Irregular split ‘peeling’ cortex from missing 50%
H/-4, 15646	27.10.2014-107	N	Glassy grey with red bands	N/A	39	16.41	40	65	No	
H/-4, 15646	27.10.2014-108	N	Glassy grey	N/A	33	18.98	50	75	No	Initial split
H/-4, 15646	27.10.2014-109	N	Multicolour banding	N/A	41	23.99	45	55	No	Irregular split, crystal inclusions
H/-4, 15646	27.10.2014-111	N	Glassy grey	N/A	52	39.39	50	70	No	Initial split
H/-4, 15646	27.10.2014-113	N	Glassy grey	N/A	54	56.66	50	30	No	Initial split
H/-4, 15782	09.11.2014-22	N	Glassy grey with red bands	N/A	52	67.83	65	75	No	Initial split
G/-3, 15658	30.10.2014-20	N	Pinkish red	N/A	34	25.95	35	55	No	
G/-3, 15658	30.10.2014-21	N	Pinkish red	N/A	46	31	25	60	No	
H/-4, 15646	26.10.2014-86	N	Glassy grey with red bands	N/A	35	20.76	50	65	No	Initial split
H/-4, 15646	26.10.2014-87	N	Glassy grey with red bands	N/A	37	26.99	65	55	No	Three large removals, but no core morphology detectable

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15646	26.10.2014-88	N	Brownish red	N/A	47	48	40	50	No	Very splintery structure; split in half plus one large removal opposite split (from testing?)
H/-4, 15646	26.10.2014-89	N	Ruby red	N/A	55	61.29	80	75	No	Tip capped by splitting, one large removal from butt end
H/-4, 15656	06.11.2014-78	N	Pinkish red	N/A	51	54.06	100	45	No	Nodule fragment with weathered surfaces, hence treated as complete
H/-4, 15620	21.10.2014-74	N	Pinkish red	N/A	33	20.8	70	40	No	Small nodule with four irregular split surfaces
H/-4, 15620	21.10.2014-76	N	Glassy grey/warm red	N/A	46	40.45	65	75	No	Irregular split
Surface south of L-squares on 2014 spoil	08.10.2017	N	N/A	55 × 45 × 30	55	104.59	100	100	No	Complete egg-shaped nodule
L/-3, 17596	18.10.2017	N	Glassy grey with red bands	N/A	48	61.85	45	50	No	Irregularly split
I/-2, 17507	22.10.2017-2	N	Glassy grey/warm red	36 × 33 × 24	39	35.1	50	75	No	Irregularly split
H/-2 N, 17565	24.10.2017-3	N	Glassy grey with red bands	N/A	38	14.9	45	65	No	Small, irregularly split
H/-5, 17698		N	Glassy grey with red bands	N/A	42	23.78	40	55	No	Four cleft surfaces, of which one is irregular
G/-5, 17698	26.10.2017-7	N	Orange with dark bands	N/A	53	67.31	55	60	No	Split in half
L/-2, 17710		N	Ruby red	N/A	32	9.98	35	55	No	Small, irregularly split
G/-5, 17728	28.10.2017-4	N	Glassy grey/warm red	N/A	46	72.01	80	80	No	With large, irregular/splintered capping removal
J/-3, 17593	29.10.2017	N	Ruby red	N/A	51	79.62	95	80	No	Large removal on one end shows sign of weathering; three minor removals adjacent to large removal are more recent; end opposite large removal shows intense battering scars on an area approx. 14 × 16 mm
I/-2, 17732	30.10.2017	N	Honey	N/A	66	113.86	55	65	No	Cleft in half along longitudinal axis
G/-3, 15650	26.10.2014	Pebble	Orange	N/A	10	0.22	100	0	No	Natural, very weathered tiny pebble, probably chosen/kept as raw material for bead or amulet
H/-4, 15620	20.10.2014-8	Pebble	Pinkish red	N/A	12	0.44	100	N/A	No	Small pebble with natural wind polish in right size for bead
L/-4, 15684	01.11.2014-4	Pebble	Pinkish red	N/A	28	9	100	N/A	No	Large weather-rounded pebble with dull wind sheen, but no cortex (?)
J/-2, 17628	15.10.2017	Pebble	Pinkish red	31 × 18 × 16	31	9.64	100	N/A	No	Irregular elongated, very weather-worn pebble
K-5, 17516	09.10.2017	Pebble	Pinkish red	30 × 10 × 13	30	5.77	35	N/A	No	Fragment of smooth elongated pebble
J/-2, 17530/17531	18.10.2017	Pebble	Honey	14 × 12 × 8	14	2.05	100	N/A	No	Small, flat, roughly round smooth pebble
J/-2, 17534	09.10.2017	Pebble	Glassy orange	7 × 4 × 4	7	0.17	100	N/A	No	Tiny pebble with strong natural polish
I/-3, 17633	15.10.2017	Pebble	Pinkish red	10 × 6 × 3	10	0.28	100	N/A	No	Small bean-shaped, weather-worn pebble
H/-2, 17506	10.10.2017-1	Pebble	Orange	6 × 5 × 5	6	0.22	100	N/A	No	Tiny roundish pebble with moderately strong wind polish
H/-2, 17506	10.10.2017-2	Pebble	Glassy grey/warm red	15 × 13 × 8	15	1.99	100	N/A	No	Irregularly triangular pebble, fairly weather-rounded
I/-3, 17503	08.10.2017-3	Pebble	Glassy orange	10 × 5 × 3	11	0.17	100	N/A	No	Tiny, triangular pebble
J/-2, 17535	10.10.2017	Pebble	Honey	11 × 9 × 5	11	0.63	100	N/A	No	Irregular rhomboid shape, strong natural polish
I/-3, 17633	17.10.2017	Pebble	Glassy grey	13 × 8 × 7	13	0.88	100	N/A	No	Drop-shaped, strong natural polish
J/-2, 17629	16.10.2017-1	Pebble	Pinkish red	11 × 10 × 5	12	0.73	100	N/A	No	Triangular shape, strongly weather/water-worn
J/-2, 17629	16.10.2017-2	Pebble	Pinkish red	15 × 11 × 9	16	2	100	N/A	No	Heavily weather- or water-worn
H/-2, 17506	09.10.2017	Pebble	Honey	N/A	13	1.51	100	N/A	No	Heavily weather- or water-worn
I/-3, 17503	08.10.2017-1	Pebble	Honey	14 × 10 × 5	15	0.86	100	N/A	No	Heavily weather- or water-worn; ‘chewed’ appearance
I/-3, 17503	08.10.2017-2	Pebble	Pinkish red	24 × 15 × 12	24	7.05	100	N/A	No	Elongated oval shape; rounded with moderate natural polish
J/-2, 17534	15.10.2017	Pebble	Glassy grey	7 × 4 × 4	7	0.19	100	N/A	No	Irregular drop shape; strong natural polish
J/-2, 17508	07.10.2017	Pebble	Glassy grey	16 × 14 × 10	16	3.04	100	N/A	No	Rounded oval with moderate natural polish
L/-5, 17518	08.10.2017	Pebble	Glassy grey	16 × 9 × 6	16	1.28	100	N/A	No	Elongated oval shape; rounded with moderate natural polish
H/-5, 17519	23.10.2014	Pebble	Pinkish red	N/A	17	2.65	100	N/A	No	Suboval, strong natural polish; found on top of overburden at the junction with I/-5
L/-5, 17544	23.10.2017	Pebble	Ruby red	N/A	40	19.31	100	N/A	No	Irregular parallelogram, very strong natural polish

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
J/-2, 17534	23.10.2017	Pebble	Orange	N/A	15	1.96		N/A	No	Triangular, very strong natural polish
G/-4, 17513	23.10.2017-2	Pebble	Glassy orange	N/A	5	0.07	100	N/A	No	Sub-cube: perfect shape for RU
I/-2, 17706	24.10.2017	Pebble	Honey	N/A	9	0.4	100	N/A	No	Small, irregular with very strong natural polish
H/-2 N, 17565	24.10.2017-1	Pebble	Glassy grey/warm red	N/A	9	0.47	100	N/A	Partly polished	One end seems intentionally polished, as it differs from the naturally polished surfaces and is very straight: shaping into RU?
H/-2 N, 17565	24.10.2017-2	Pebble	Honey	N/A	21	4.3	100	N/A	No	In shape of a bread loaf; rounded and slight natural polish
I/-2 N, 17659	25.10.2017	Pebble	Glassy grey	N/A	11	0.31	100	N/A	No	Flat, sub-rhomboid with very weathered, ‘chewed’ appearance
J/-5, 17707	25.10.2017-1	Pebble	Honey	N/A	10	0.39	100	N/A	No	Strong natural polish
I/-2, 17659	26.10.2017	Pebble	Glassy grey/warm red	N/A	11	0.49	100	N/A	No	Prolate spheroid shape; strong natural polish
G/-2, 17659	28.10.2017-2	Pebble	Honey	N/A	19	2.43	100	N/A	No	Irregular triangular shape; edges very worn and strong natural polish
H/-4, 15667	30.10.2014-7	RU	Orange	10 × 13 × 5	14	0.65	100	o	No	Stout, leaf-shaped flake with dorsal partly covered in grinding/battering scars: initial stages of polishing?
G/-4, 15655	27.10.2014-3	RU	Honey	8 × 4 × 3	8	0.12	50	o	No	Longitudinal 50% of small leaf-shaped RU with grinding/polishing traces
H/-4, 15646	26.10.2014-36	RU	Orange	7 × 8 × 3	8	0.18	75	o	No	Tiny oval flake with small removals on dorsal (shaping); right distal-lateral corner broken off
H/-4, 15646	26.10.2014-69	RU	Glassy orange	13 × 9 × 5	13	0.51	70	o	No	Shaping accident?
K/-2, 17509	12.10.2017	RU	Warm red	6 × 6 × 3	7	0.13	100	o	No	Tiny stout flake forming discoid RU
H/-4, 15620	22.10.2014	SD	Orange	7 × 9 × 1	9	0.08	100	o	No	Thinning or shaping flake
G/-3, 15683	01.11.2014-1	SD	Glassy grey with red bands	15 × 10 × 1	15	0.13	100	o	No	Thinning flake
I/-4, 15605	19.10.2014	SD	Honey	10 × 5 × 2	10	0.08	100	o	No	Probably core preparation bladelet
G/-3, 15658	10.11.2014	SD	Orange	8 × 6 × 3	9	0.14	100	o	No	Core preparation
K/-4, 15664	29.10.2014	SD	Orange	7 × 5 × 2	7	0.04	100	o	No	Shaping bladelet
I/-4, 15783	10.11.2014	SD	Warm red	7 × 9 × 3	9	0.22	100	o	No	Core preparation
H/-4, 15620	20.10.2014-4	SD	Dark red	5 × 7 × 2	7	0.04	50	o	No	Distal-right lateral diagonal 50% of shaping flake
H/-4, 15620	20.10.2014-5	SD	Dark red	4 × 7 × 3	8	0.08	100	20	No	Core preparation
G/-3, 15610	23.10.2014-1	SD	Orange	6 × 7 × 1	8	0.04	100	o	No	Thinning or shaping flake
I/-3, 15694	12.11.2014-1	SD	Orange	8 × 9 × 5	9	3.12	10	o	No	Tiny stout flake: probably RU
G/-4, 15667	29.10.2014-2	SD	Warm red	7 × 8 × 2	8	0.14	100	o	No	Shaping flake
L/-4, 15684	01.11.2014-1	SD	Orange	6 × 7 × 2	7	0.07	100	<5	No	Core preparation or shaping flake
H/-4, 15646	27.10.2014-1	SD	Orange	6 × 5 × <1	6	0.05	100	o	No	Thinning or shaping flake
H/-4, 15646	27.10.2014-3	SD	Orange	8 × 5 × 1	9	0.15	80	o	No	Medial-distal part of thinning or shaping flake
H/-4, 15646	27.10.2014-4	SD	Warm red	8 × 8 × 1	9	0.18	100	o	No	
H/-4, 15646	27.10.2014-5	SD	Orange	5 × 8 × 2	9	0.1	50	o	No	Distal 50% of thinning flake/shaping flake
H/-4, 15646	27.10.2014-6	SD	Orange	5 × 6 × 1	6	0.05	100	<5	No	Thinning or core preparation flake
H/-4, 15646	27.10.2014-8	SD	Orange	6 × 8 × 2	8	0.08	50	o	No	Distal 50% of thinning flake/shaping flake
H/-4, 15646	27.10.2014-10	SD	Orange	8 × 6 × 3	9	0.05	65	o	No	Distal-medial 66% of thinning or shaping bladelet
H/-4, 15646	27.10.2014-13	SD	Ruby red	7 × 8 × 2	8	0.06	100	15	No	Core preparation
H/-4, 15646	27.10.2014-14	SD	Glassy grey with red bands	7 × 6 × 2	7	0.04	100	o	No	Thinning flake/shaping flake
H/-4, 15646	27.10.2014-15	SD	Glassy grey with red bands	8 × 8 × 1	8	0.03	100	o	No	Thinning flake/shaping flake
H/-4, 15646	27.10.2014-18	SD	Orange	8 × 6 × 1	9	0.04	70	o	No	Distal-medial 66% of thinning or shaping bladelet
H/-4, 15646	27.10.2014-23	SD	Orange	9 × 9 × 1	9	0.11	100	o	No	Thinning flake
H/-4, 15646	27.10.2014-28	SD	Orange	7 × 9 × 2	9	0.1	100	o	No	Thinning flake/shaping flake
H/-4, 15646	27.10.2014-33	SD	Orange	9 × 5 × 4	9	0.12	25	o	No	Right lateral-distal quarter

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15646	27.10.2014-39	SD	Orange with dark bands	8 × 8 × 2	9	0.14	100	0	No	Shaping or core preparation flake
H/-4, 15646	27.10.2014-40	SD	Orange with dark bands	9 × 9 × 3	9	0.25	100	0	No	Shaping or core preparation flake
H/-4, 15646	27.10.2014-61	SD	Orange with dark bands	7 × 7 × 5	7	0.23	100	0	No	Tiny stout flake: probably RU
H/-4, 15646	27.10.2014-64	SD	Orange with dark bands	7 × 7 × 4	9	0.19	90	0	Yes	Small flake with proximal tip broken off, polyhedral dorsal with fine retouch, either final shaping or shaping accident for nearly finished RU
H/-4, 15782	09.11.2014-2	SD	Orange	5 × 7 × 1	7	0.04	90	35	No	Right lateral chipped off
H/-4, 15782	09.11.2014-3	SD	Orange with dark bands	6 × 7 × 1	7	0.04	100	5	No	
H/-4, 15782	09.11.2014-5	SD	Ruby red	6 × 9 × 2	9	0.09	25	15	No	Proximal end
H/-4, 15782	09.11.2014-7	SD	Orange	8 × 5 × 2	9	0.09	100	0	No	
H/-4, 15782	09.11.2014-13	SD	Orange	9 × 7 × 3	9	0.24	100	0	No	Shaping flake
H/-4, 15762	08.11.2014-1	SD	Orange	3 × 4 × 1	4	0.01	100	0	No	
H/-4, 15762	08.11.2014-2	SD	Orange	5 × 4 × 2	5	0.03	100	0	No	
H/-4, 15762	08.11.2014-3	SD	Honey	5 × 6 × 1	7	0.03	75	0	No	Distal end broken off; thinning flake
H/-4, 15762	08.11.2014-5	SD	Orange	5 × 6 × 2	7	0.03	25	5	No	Proximal end
H/-4, 15762	08.11.2014-6	SD	Orange	5 × 6 × 1	6	0.03	100	0	No	
H/-4, 15762	08.11.2014-7	SD	Warm red	8 × 5 × 2	8	0.1	50	0	No	Left lateral 50% of shaping flake
H/-4, 15762	08.11.2014-9	SD	Ruby red	7 × 8 × 2	8	0.08	100	75	No	
H/-4, 15667	30.10.2014-1	SD	Warm red	3 × 5 × 1	5	0.01	100	0	No	
H/-4, 15782	11.11.2014-1	SD	Orange with dark bands	6 × 6 × 2	8	0.06	50	0	No	Proximal 50%
H/-4, 15782	11.11.2014-2	SD	Orange	6 × 8 × 2	9	0.08	100	0	No	
H/-4, 15607	20.10.2014-1	SD	Orange	5 × 6 × <1	6	0.01	85	0	No	Left distal-lateral corner broken off
H/-4, 15607	20.10.2014-4	SD	Orange with dark bands	6 × 5 × 2	7	0.07	100	0	No	
H/-4, 15607	20.10.2014-5	SD	Glassy orange	9 × 8 × 1	9	0.06	100	0	No	
H/-4, 15607	20.10.2014-7	SD	Orange	7 × 7 × 2	9	0.05	100	0	No	Thinning flake
H/-4, 15607	20.10.2014-8	SD	Warm red	8 × 8 × 2	9	0.13	50	0	No	Distal half
H/-4, 15607	20.10.2014-12	SD	Orange	7 × 9 × 2	9	0.15	100	0	No	
H/-4, 15656	28.10.2014-1	SD	Glassy orange	5 × 7 × 1	7	0.01	100	0	No	
H/-4, 15656	28.10.2014-2	SD	Warm red	5 × 5 × 3	6	0.01	100	0	No	Shaping flake
H/-4, 15656	28.10.2014-3	SD	Glassy grey/warm red	6 × 5 × 1	6	0.03	100	0	No	
G/-4, 15655	27.10.2014-1	SD	Glassy grey	7 × 4 × 1	7	0.03	100	0	No	
G/-4, 15655	27.10.2014-2	SD	Ruby red	7 × 5 × 2	7	0.06	100	20	No	
G/-4, 15655	27.10.2014-4	SD	Glassy orange	8 × 6 × 3	8	0.2	100	0	No	Possibly small leaf-shaped RU
G/-3, 15610	22.10.2014-2	SD	Orange	7 × 6 × 4	7	0.12	100	0	No	
G/-3, 15610	22.10.2014-4	SD	Ruby red	7 × 8 × 2	8	0.08	100	80	No	
G/-3, 15658	30.10.2014-1	SD	Glassy grey with red bands	7 × 7 × 1	7	0.02	100	0	No	
H/-4, 15646	26.10.2014-3	SD	Warm red	7 × 4 × 2	7	0.03	100	0	No	
H/-4, 15646	26.10.2014-4	SD	Glassy grey with red bands	5 × 7 × 1	7	0.05	95	0	No	SPR broken off
H/-4, 15646	26.10.2014-5	SD	Warm red	5 × 6 × 3	7	0.07	100	25	No	
H/-4, 15646	26.10.2014-6	SD	Orange	7 × 5 × 3	7	0.09	100	0	No	
H/-4, 15646	26.10.2014-7	SD	Glassy grey with red bands	8 × 8 × 2	8	0.05	90	0	No	Proximal tip with SPR broken off
H/-4, 15646	26.10.2014-8	SD	Warm red	6 × 6 × 1	6	0.02	100	0	No	
H/-4, 15646	26.10.2014-9	SD	Glassy grey with red bands	4 × 7 × 1	7	0.01	100	0	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15646	26.10.2014-12	SD	Orange	9 × 5 × 1	9	0.05	100	<5	No	
H/-4, 15646	26.10.2014-16	SD	Glassy grey with red bands	8 × 7 × 3	8	0.09	75	0	No	Left distal-lateral corner broken off
H/-4, 15646	26.10.2014-17	SD	Glassy grey with red bands	8 × 6 × 2	9	0.04	100	0	No	
H/-4, 15646	26.10.2014-18	SD	Warm red	8 × 6 × 3	8	0.07	100	0	No	Shaping flake
H/-4, 15646	26.10.2014-22	SD	Orange	7 × 8 × 2	9	0.16	100	0	No	
H/-4, 15646	26.10.2014-23	SD	Orange	6 × 8 × 2	8	0.06	100	0	No	
H/-4, 15646	26.10.2014-25	SD	Orange	9 × 7 × 1	9	0.07	100	0	No	
H/-4, 15646	26.10.2014-27	SD	Glassy grey with red bands	9 × 5 × 2	9	0.09	100	0	No	
H/-4, 15646	26.10.2014-31	SD	Glassy grey with red bands	6 × 8 × 2	9	0.08	100	0	No	
H/-4, 15646	26.10.2014-32	SD	Glassy grey with red bands	7 × 9 × 1	9	0.02	100	0	No	
H/-4, 15646	26.10.2014-33	SD	Glassy grey with red bands	7 × 8 × 2	9	0.09	65	<5	No	Medial-distal 66%
H/-4, 15646	26.10.2014-37	SD	Orange with dark bands	9 × 5 × 4	9	0.18	100	0	No	
H/-4, 15646	26.10.2014-43	SD	Orange	7 × 9 × 3	9	0.25	100	10	No	
H/-4, 15646	26.10.2014-48	SD	Orange with dark bands	6 × 9 × 3	9	0.19	100	0	No	
H/-4, 15656	06.11.2014-1	SD	Warm red	4 × 6 × 2	6	0.03	100	0	No	
H/-4, 15656	06.11.2014-2	SD	Orange	7 × 6 × 1	8	0.01	100	0	No	
H/-4, 15656	06.11.2014-3	SD	Glassy grey with red bands	8 × 5 × 1	8	0.01	100	0	No	
H/-4, 15656	06.11.2014-6	SD	Orange with dark bands	6 × 7 × 1	7	0.06	100	0	No	
H/-4, 15656	06.11.2014-7	SD	Glassy orange	6 × 7 × 1	7	0.04	100	10	No	
H/-4, 15656	06.11.2014-8	SD	Glassy orange	7 × 6 × 2	7	0.11	100	65	No	
H/-4, 15656	06.11.2014-9	SD	Glassy grey/warm red	6 × 6 × 3	8	0.09	100	0	No	
H/-4, 15656	06.11.2014-10	SD	Glassy orange	7 × 5 × 2	8	0.07	100	15	No	
H/-4, 15656	06.11.2014-13	SD	Orange	7 × 5 × 1	8	0.02	25	0	No	Left distal-lateral corner
H/-4, 15656	06.11.2014-14	SD	Glassy grey/warm red	5 × 9 × 1	9	0.09	100	0	No	
H/-4, 15656	06.11.2014-17	SD	Honey	7 × 6 × 1	8	0.09	100	90	No	
H/-4, 15656	06.11.2014-18	SD	Orange	7 × 6 × 1	8	0.06	100	0	No	
H/-4, 15656	06.11.2014-19	SD	Glassy grey/warm red	8 × 5 × 2	9	0.09	100	0	No	
H/-4, 15656	06.11.2014-20	SD	Warm red	6 × 8 × 3	8	0.14	35	20	No	Proximal end
H/-4, 15656	06.11.2014-24	SD	Orange with dark bands	5 × 8 × 3	9	0.15	100	0	No	
H/-4, 15656	06.11.2014-25	SD	Glassy orange	9 × 9 × 2	9	0.07	100	0	No	
H/-4, 15656	06.11.2014-27	SD	Glassy orange	8 × 8 × 2	9	0.12	75	0	No	Medial-distal
H/-4, 15656	06.11.2014-32	SD	Warm red	6 × 8 × 3	9	0.17	100	0	No	
H/-4, 15656	06.11.2014-33	SD	Orange	6 × 7 × 2	8	0.04	100	0	No	
H/-4, 15656	06.11.2014-34	SD	Glassy grey/warm red	8 × 7 × 2	8	0.11	100	0	No	Thinning flake/shaping flake
H/-4, 15656	06.11.2014-36	SD	Glassy orange	8 × 8 × 2	9	0.08	100	0	No	
H/-4, 15620	21.10.2014-8	SD	Ruby red	5 × 3 × 1	5	0.01	60	0	No	Medial fragment
H/-4, 15620	21.10.2014-9	SD	Orange	5 × 7 × 1	7	0.01	100	0	No	
H/-4, 15620	21.10.2014-10	SD	Orange	4 × 6 × 1	7	0.01	35	0	No	Distal end
H/-4, 15620	21.10.2014-11	SD	Orange	7 × 6 × 1	8	0.03	100	0	No	
H/-4, 15620	21.10.2014-12	SD	Warm red	5 × 5 × 3	6	0.09	100	0	No	Small RU?
H/-4, 15620	21.10.2014-13	SD	Orange	4 × 7 × <1	7	0.01	100	0	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-4, 15620	21.10.2014-14	SD	Warm red	6 × 4 × 1	7	0.02	100	0	No	
H/-4, 15620	21.10.2014-15	SD	Glassy grey/warm red	6 × 8 × 2	8	0.05	100	0	No	
H/-4, 15620	21.10.2014-16	SD	Glassy grey with red bands	6 × 7 × 3	7	0.08	100	25	No	
H/-4, 15620	21.10.2014-17	SD	Ruby red	6 × 7 × 1	8	0.06	100	0	No	
H/-4, 15620	21.10.2014-18	SD	Orange	6 × 8 × 1	8	0.07	100	0	No	
H/-4, 15620	21.10.2014-19	SD	Warm red	7 × 8 × 1	8	0.02	100	0	No	
H/-4, 15620	21.10.2014-20	SD	Orange	8 × 5 × 2	9	0.09	100	0	No	
H/-4, 15620	21.10.2014-21	SD	Orange	6 × 7 × 2	9	0.06	100	0	No	
H/-4, 15620	21.10.2014-23	SD	Orange with dark bands	6 × 8 × 2	9	0.03	35	0	No	Right medial-distal lateral
H/-4, 15620	21.10.2014-24	SD	Orange with dark bands	6 × 6 × 2	7	0.12	100	0	No	
H/-4, 15620	21.10.2014-25	SD	Glassy orange	7 × 5 × 3	8	0.13	100	0	No	
H/-4, 15620	21.10.2014-26	SD	Warm red	8 × 8 × 3	9	0.14	100	0	No	
H/-4, 15620	21.10.2014-27	SD	Orange	6 × 8 × 2	8	0.06	100	0	No	
H/-4, 15620	21.10.2014-31	SD	Orange	7 × 8 × 2	8	0.14	100	0	No	Shaping or core preparation flake
H/-4, 15620	21.10.2014-36	SD	Warm red	9 × 8 × 2	9	0.15	100	0	No	
H/-4, 15657	28.10.2014-1	SD	Orange	7 × 7 × <1	8	0.01	100	0	No	
H/-4, 15657	28.10.2014-3	SD	Warm red	7 × 6 × 1	8	0.02	100	0	No	
H/-4, 15657	28.10.2014-4	SD	Ruby red	4 × 4 × 2	5	0.04	100	20	No	
H/-4, 15657	28.10.2014-5	SD	Ruby red	8 × 4 × 4	8	0.11	100	15	No	
H/-4, 15657	28.10.2014-8	SD	Warm red	7 × 8 × 3	9	0.2	100	40	No	
H/-4, 15657	28.10.2014-9	SD	Orange	7 × 8 × 1	9	0.08	100	0	No	Thinning flake/shaping flake
J/-3, 17504	10.10.2017	SD	Glassy grey with red bands	6 × 6 × 2	8	0.06	65	0	No	Distal end broken off
J/-5, 17572	12.10.2017	SD	Ruby red	8 × 7 × 2	9	0.12	65	90	No	Medial-distal
G/-2, 17505	19.10.2017-2	SD	Orange	6 × 8 × 2	8	0.09	50	0	No	Distal 50%
L/-4, 17517	08.10.2017-2	SD	Orange	6 × 7 × 2	8	0.04	100	0	No	
I/-3, 17503	08.10.2017-1	SD	Orange	6 × 7 × 1	8	0.01	85	0	No	Proximal tip with SPR broken off
G/-4, 17513	22.10.2017	SD	Orange	7 × 8 × 1	8	0.07	100	0	No	
G/-4, 17513	23.10.2017-1	SD	Orange	4 × 5 × 2	5	0.03	100	0	No	
I/-2 N, 17704	24.10.2017	SD	Orange	6 × 6 × 2	7	0.06	40	0	No	Distal end
J/-3, 17701	24.10.2017	SD	Glassy orange	5 × 3 × 1	5	0.02	100	0	No	
I/-2, 17670	26.10.2017	SD	Orange	4 × 5 × 0.5	6	<0.01	100	0	No	
G/-5, 17698	26.10.2017-2	SD	Warm red	5 × 6 × 3	6	0.11	100	0	No	
G/-5, 17698	26.10.2017-3	SD	Warm red	8 × 7 × 2	8	0.07	100	0	No	
G/-5, 17698	26.10.2017-4	SD	Warm red	7 × 8 × 1	9	0.07	100	0	No	Thinning flake/shaping flake
G/-4, 17721	26.10.2017-1	SD	Orange	7 × 6 × 1	8	0.03	100	0	No	Thinning flake
G/-4, 17721	26.10.2017-3	SD	Orange	8 × 5 × 5	8	0.2	100	0	No	
I/-2, 17670	28.10.2017-3	SD	Orange	4 × 4 × <1	4	<0.01	100	0	No	Thinning flake/shaping flake
H/-5, 17702	28.10.2017	SD	Warm red	5 × 5 × 3	6	0.08	100	0	No	
L/-2, 17711	28.10.2017	SD	Orange	8 × 9 × 2	9	0.19	100	5	No	
G/-5, 17728	28.10.2017-1	SD	Orange	7 × 6 × 2	7	<0.01	100	0	No	
H/-5, 17749	31.10.2017-1	SD	Glassy orange	3 × 6 × <1	6	<0.01	100	0	No	

Provenance	Date-number (object no.)	Type	Colour	Height × Width × Thickness (mm)	Max dim. (mm)	Weight (g)	Complete %	Cortex %	Retouched/polished	Comments
H/-5, 17749	31.10.2017-2	SD	Orange	6 × 5 × 1	6	<0.01	100	o	No	Thinning flake/shaping flake
H/-5, 17749	31.10.2017-4	SD	Warm red	5 × 5 × 1	5	<0.01	100	o	No	
H/-5, 17749	31.10.2017-5	SD	Orange	6 × 4 × 2	6	<0.01	100	o	No	
H/-4, 15646	27.10.2014-9	SD	Glassy grey with red bands	8 × 7 × 1	9	0.08	90	o	No	Distal and proximal tip broken off
H/-4, 15646	27.10.2014-54	Worked	Orange with dark bands	N/A	14	0.37	40	o	Polished	Matte polish on both faces: possibly to be turned into heart/star-shaped amulet/pendant
H/-4, 15646	26.10.2014-14	Worked	Orange	6 × 5 × 4	7	0.13	15	o	Polished	Loop of pendant or amulet with incised groove, not yet perforated
J/-4, 15678	01.11.2014 (40716)	Worked?	Warm red	15 × 15 × 15	15	4.16	100	o	Partly polished	See Table 13.3
G/-3, 15800	11.11.2014 (40699)	Worked?	Honey	11 × 9 × 8	11	1.02	100	o		See Table 13.3
H/-4, 15646	27.10.2014	SD	Honey	9 × 5 × 2	9	0.07	100	o (?)	?	Very small flake
K/-4, 15673	29.10.2014	F	Warm red?	8 × 6.5 × 2	9	0.11	100?	?	?	Very small flake

Table 13.3 Registered working pieces of agate and other stones.

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)	Weight (g)
40576	H/-4, 15656	Rough piece of agate (roughly spherical RU with hexagonal diameter) with an off-centre drill hole for preparation of a possible flattened sphere bead. Three sides of the hexagon have been polished. The drill hole tapers from 1.8 to 1.2 mm in diameter. The piece was probably discarded due to off-centre drill hole, as breakage likely occurred during polishing.	Dark orange-red, 7416 M	0.69 × 0.62 × 0.5	0.28
40699	G/-3, 15800	Pebble of agate, probably natural, with very strong wind polish. Roughly oval. Small kidney-shaped depression might be picked out in preparation for drilling. For a parallel, see Petrie Museum UC68249.	Light orange, 466–724 M	1.14 × 1.02 × 0.79	1.02
40716	J/-4, 15678	Naturally spherical, but slightly irregular, pebble of dark red, semi-opaque agate. Has possibly been polished smooth, in preparation for drilling.	Dark red, 174 M–483 M	1.3–1.5 (diam.)	4.16
41504	H/-4, 15646	Small flake of agate with polished, regular convex dorsal. Both distal and proximal ends show retouch-like shallow removals. Two fine removals from distal end on convex polished medial part. Either complete RU for e.g. an amulet in the process of being thinned, or a further accidental piece from attempt to retouch distal end while shaping the object.	Red, 714 M–7415 M	1.3 × 1.2 × 0.5	1.14
41591	H/-2, 17506	Fragment of an unfinished bead of amazonite (manufacturing waste). The stone is crystalline. The object has an irregular shape with two flat surfaces and a rectangular section. The edges have been roughly shaped and are uneven, the stone appearing to have fractured. Possibly intended as a cylinder or faceted bead (cf. Harrell 2017: 15). One surface has an aperture (0.15 cm diam., 0.16 cm deep) with striations and a convex base, providing information regarding the drill used for the production of this piece. About 25% of the perforation and the remainder of the bead are missing, and these have broken away along the perforation, probably during manufacture. The break along the perforation is straight and even.	Light turquoise-green, 318 M	1.01 × 0.46 × 0.49	0.36
41707	L/-4, 17517	Unfinished cowroid or lentoid bead (or an unfinished scarab: S. Boonstra, pers. comm. 2022) of agate with one flat and one roughly semicircular side; both sides showing many overlapping retouch removals from shaping the bead. The ends both show matte polish, probably in preparation for drilling; ruby red colour with fine dark banding.	Ruby red, 7420 M	1.15 × 0.8 × 0.5	0.7

Table 13.4 Ostrich eggshell fragments.

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)
43937	I/-3, 15694	Fragment, irregular overall shape with angular edges. No signs of chipping or polishing. Probably raw material for jewellery production.	Buff and cream, 720 M–721 M (exterior), 7507 M (interior)	3.5 × 2.7 × 0.2
44051	I/-2, 17507	Fragment, roughly trapezoidal shape with angular edges. No signs of chipping or polishing. Probably raw material for jewellery production.	Cream (lighter and darker), 727 M (exterior), 726 M (interior)	2.1 × 1.5 × 0.2
44052	K/-2, 17577	Fragment, trapezoidal in shape with angular edges. No signs of chipping or polishing. Probably raw material for jewellery production.	Buff and cream, 7508 M (exterior), interior N/A	2 × 2 × 0.2

CHAPTER 14: TOOLS OF STONE AND METAL

Table 14.1 Stone tools: a) Grinding stones; b) Pressing and battering stones (all: dolerite pounders); c) Abrasive and smoothing tools; d) Drilling tools.

a) Grinding stones

Object no.	Material	Provenance	Description	Length × Width × Thickness (cm)
40622i–iii and 40623	Limestone	I/-4, 15628 (40622i–iii) and 15630 (40623)	Three fragments belonging to a heavy mortar . Transversal tool marks are visible on the exterior. The edges are evenly weathered, suggesting that this mortar was broken in Antiquity. The outer surface has been left rough with shallow chisel marks, while the interior has been partially smoothed. The base (object no. 40623) is thicker than the walls of the vessel. The total height of the vessel would have been approximately 28.5 cm. Less than 15% of the diameter has been preserved, suggesting that the outer diameter would have been approximately 42 cm, with the inner diameter between 34 and 36 cm. Cf. Kemp and Stevens 2010a: 300 for a similar mortar found <i>in situ</i> in the courtyard of House N50.36. See also Giddy 1999: 283, 287 for another limestone mortar with steep walls that was discovered in a New Kingdom context (Level IV) at Kom Rabi'a with other production debris and half-worked flint tools (Giddy 1999: 226–253; Jeffreys 2006: 28–29).	38.6 × 41.1 × 4.2–4.9
41033	Quartzite	I/-4, 15907	This relatively crude fragment may be one half of a small saddle grinding stone . It has one worked flat surface and one straight edge. The underside and other edges have been crudely rounded but not smoothed. The flat surface shows light pitting, perhaps worn due to usage wear.	19 × 18 × 6.6
41042	Red quartzite	I/-3, 15914	This large fragment shows no worked surfaces. It may thus constitute a disused and damaged grinding surface or raw material. There are faint traces of darker red, perhaps traces of red pigment, on one part of the stone, around an unworked curved side. Its discovery within a pottery concentration under the collapse (15694) of the mud-brick wall <15613> suggests that this stone – seemingly unworked – had a use within the domestic space of House M50.16.	22 × 9 × 9
41740	Quartzite (cream coloured)	L/-4, 17517	This quern fragment has a rectangular shape. It has a smooth base, straight to slightly concave, and a top off-centre convex. One of the short sides is very straight, while the other is curved. Both long sides are more irregular but fairly straight. The lower ‘slope’ of the top is very smooth and shows a faint grey discoloration, possibly due to some wear. Flecks of copper alloy appear on both the top and the base, as well as one long side, indicating that it was used in or near metalwork activities as a rider/quern. Its discovery in the overburden deposit at a distance from the other querns from site M50.14–16 may be due to a secondary or tertiary deposition. Cf. object no. 37175 from Grid 12 (Kemp and Stevens 2010b: 300, 415, fig. 22.3).	11.1 × 8.6 × 4.9
41741	Red quartzite	H/-2, 17659	This crudely dressed piece has a sub-semi-circular cross-section (cf. object nos 37224 and 37255 from Grid 12: Kemp and Stevens 2010b: 413, fig. 22.3, 415, 418). It may constitute approximately 50% of a relatively small quern . One of its working surfaces is smooth and faintly convex while showing light pitting, which might indicate that it was used as a quern (saddle stone) as well as an anvil, taking advantage of the hardness and density of the quartzite, a stone able to withstand impacts of stone or metal tools.	c.18.5 × c.17.5 × 8.6
41756	Quartzite	K/-2, 17595	Small fragment of a saddle quern , burnt (fire cracks); grinding surface very smooth and concave with possible traces of pigment.	6.8 × 4.9 × 2.3–3.4
41845	Sandstone	K/-2, 17581	This is a fragment of a worked but unfinished sandstone object, possibly the fragment of a grinding stand or platform. It consists of a smooth, concave top, culminating in a broad irregular ring (internal diameter 14 cm, external 18 cm). Chisel marks are visible on the inner side of the ring and the somewhat flat surface (width of marks c.o.6 cm). The sides have mostly broken away. The fragmentary nature of this piece further challenges its identification. Considering the smooth surface of the ring as the resting base is a possibility. It may have been a support or a base for grinding. Its finding context, a compact layer, is not secure, given that it was under a spoil heap of the 1922 excavation, unit (17577a).	10.7 × 7.5 × 4.6 (base); diameter: foot: outer: 19 cm, inner: 13 cm; max. preserved height: 6.2, only foot: 2–1.1 (outside to inside)

b) Pressing and battering stones (all: dolerite pounders)

Object no.	Provenance	Description	Length × Width × Thickness (cm)
41728	G/-4, 17513	About 25% of a small round pounder with some chalky ‘cortex’ at two spots; one small surface is very smooth.	4.8 × 5.5 × 2.5
41730	I/-2, 17644	Complete round handheld pounder. One side is flat and only showing small chipping around edges. The other side has many larger cleft surfaces forming an off-centre peak; battering scars around the circumference.	7 × 7 × 4.4
41739	L/-3, surface	Roughly 25% preserved; all sides with cleft surfaces, but one spot is smoother and partly surrounded by smaller battering scars; one of the breaks is partly smoothed and indicates secondary use of the fragment as a kind of polisher/grinder or similar.	10.5 × 6.9 × 4.8
43716	G/-3, 15658	Small and roughly circular: obtuse triangular pounder showing heavy usage. Many large flakes chipped off on all sides.	5.6 × 5.2 × 3.1

c) Abrasive and smoothing tools

Object no.	Provenance	Material	Description	Length × Width × Thickness (cm)
40617	H/-4, 15762	Quartzite	Fragment. The reverse side is convex and highly polished: possibly waste from sculpture production? The front is also highly polished and has two parallel concave grooves (each approx. 0.65 cm wide and 0.20 cm deep) which bend slightly towards each other. Approximately 50% of one indentation is gone, due to the stone breaking off in this area. Both indentations contain a series of small humps or ridges, about 0.05 cm high and at 0.55 cm intervals. A third indentation can be made out on the other side of the object. Here, too, the object is broken, possibly due to the third indentation being created and the stone wearing thin. Both short edges are broken. One larger and some smaller flecks of copper alloy are visible on the face near one edge, following a line (between the parallel indents). The grooves were probably created by a sharpening or rubbing action, such as whetting tools or polishing stone beads (ridges and rounded grooves). The smooth back would be comfortable in the hand. Cf. Kemp and Stevens 2010b: 432–441. No striations visible with the naked eye.	6.13 × 6.92 × 1.35
40618	H/-4, 15646	Sandstone	Fragment with a smooth and round/convex reverse. The upper surface has a slightly convex area across about 33% of it and a parallel slim indentation (0.45 cm wide and 0.18 cm deep) with a slight red hue, and another 33% along the face. Probably a whetting or polishing tool , including for stone beads, indicated by the grooves. The smooth back would be comfortable in the hand. See Kemp and Stevens 2010b: 432–441. No striations visible with the naked eye. Possibly a repurposed inlay, although uncertain.	4.83 × 7.57 × 1.83
41039	I/-4, 15628	Sandstone (crude)	Worked fragment, possibly of a two-handed grinder . One surface worked to a smooth, flat finish. Some traces of red pigment.	9.97 × 9.35 × 4.94
41040	H/-4, 15762	Sandstone	Worked fragment, possibly a hardly used crude grinder with some smudges of charcoal on top. Flat upper surface and two flat edges meeting at a 90-degree corner.	9 × 7.25 × 6.12
41041	J/-4, 15727	Pink granite	Worked fragment. Possibly a small, handheld grinder with a flat surface polished by use. One surface flat and polished smooth. Bottom surface is also partially flat and smooth. Edges are rounded on three sides. Fourth side broken.	9.07 × 5.6 × 4.29
41043	H/-3, 15608	Sandstone	Worked fragment: a thick, roughly triangular crude grinder , working surface showing faint striations. One surface is flat and two edges are straight, meeting at a 40-degree corner.	7.8 × 6.4 × 7
41044	H/-4, 15778	Limestone	Worked fragment, possibly a crude limestone grinder . One flat surface and two roughly flat edges meeting at a 90-degree corner.	8.3 × 5.3 × 4
41045	I/-3, 15606	Alabaster/travertine	Worked fragment. Overall roughly oval in shape with thinning short ends. On one surface, both short ends have been polished smooth into two slightly concave scooped (half-crescent) surfaces, one (3.9 × 2.9 cm) larger than the other (2 × 1.8 cm). The opposite surface is rough and convex. Possibly a polishing tool ?	5.7 × 4.2 × 2.15
41047	I/-4 / I/-5, 15769	Limestone	Worked fragment. One surface is polished smooth and flat and shows faint narrow, straight grooves in an irregular pattern, indicating that it may have been used as a whetstone , although this might possibly be due to inclusions in the polished matter. It has a rounded edge.	5.8 × 3.2 × 4.2
41048	H/-4, 15607	Pink granite	Worked fragment. Irregular rectangle in shape. One narrow edge is smooth and flat. Possibly a fragment that has been reused as a polishing tool ?	6.5 × 4.8 × 2
41049	K/-4, 15686	Hard sandstone/ quartzite	Worked fragment. Possibly of an inlay that has been repurposed as a polishing tool . Roughly triangular shape with a smooth flat surface and two slightly rounded long edges meeting at a pointed corner. All three edges are smooth (one long edge is broken) and slope towards the back, which is broken and concave. The object has possibly not seen much secondary use, although a blackened strip that runs down the top surface and an area of grinding on one long edge, towards the tip, give evidence of use.	6.7 × 4.75 × 2.4
41050	I/-4, 15628	Red quartzite	Worked fragment: a roundish handheld grinder with some faint grip polish, working surface slightly concave from use. One surface is flat and smooth.	10.2 × 7.6 × 4.3
41051i and ii	I/-5, 15753	Sandstone	Two worked fragments that fit together as a polishing tool : semicircular handheld grinder with two adjacent working surfaces. Break is ancient. Flattened and smooth upper surface and one smooth, slightly concave edge with a rounded corner connecting the surface and edge.	11.15 × 4.7 × 3.3
41052	I/-3, 15694	Red sandstone	Worked fragment of a very small grinder or polisher . One flat, smooth surface connected to a concave rounded edge. Wedge-shaped.	4.5 × 3.75 × 0.7–2.7
41053	G/-3, 15683	Sandstone	Worked fragment: very small, round polisher or grinder with two working surfaces (one surface is flat).	5 × 5.15 × 2.35
41054	K/-4, 15664	Sandstone	Worked fragment. Forming a 90-degree corner with two straight edges meeting and an upper and lower flat surface. Possibly a very small, roughly rectangular polisher or grinder with one definite working surface.	4.3 × 3.5 × 2.45
41729	G/-4, 17513	Quartzite	Fragment in the shape of a quarter sub-oval; two fairly flat surfaces. Possibly used as a rubber or handheld grinder , but not intensely.	7.1 × 5.1 × 2.8
41732	J/-2, 17508	Hard sandstone	Roughly triangular-shaped. Base surface and adjacent small surface probably working surfaces, though only marginally smoother than remaining surfaces; one of the triangular sides shows three grooves: two shorter but narrower ones running parallel to each other and base, the third slightly broader and running perpendicular to the former, cutting across them; not intensely used rubber or polisher with potential secondary use as a whetstone .	6.3 × 5.1 × 4.1
41734	J/-2, 17530/17531	Limestone (local)	Sub-semicircular fragment with one flat, slightly concave side and one convex side plus a smaller flat side forming the base of the semicircle, which is also slightly concave. Both concave sides might have been used as working surfaces for rubbing or polishing , the convex side providing a good grip. The use of what looks like local limestone indicates an <i>ad hoc</i> fashioning.	7.5 × 5.3 × 4.5
41735	K/-2, 17595	Limestone (local)	Conical fragment with a very smooth, distinctly concave base (working surface): probably a polishing tool . The same surface also shows traces of an orange accretion around the edges (possibly ochre-tinted plaster?); the use of local stone indicates an <i>ad hoc</i> fashioning.	7.1 × 6.5 × 5
41736	J/-5, 17515	Limestone	Round, worked fragment with one flattish and one convex surface, probably a polisher . The protruding parts of the flattish surface are smoothed and the ridge on the convex side shows grey ‘grip wear/polish’, possibly indicating its use as a polisher. An alternative use as a pounder seems unlikely, as the pitting is dispersed across the entire piece evenly and thus probably due to weathering. Possibly local limestone(?) – also some grooves/lines across both surfaces, possibly from polishing?	8.5 × 7.9 × 4.5
41737	K/-2, 17577	Hard sandstone/ quartzite	Fragment of what appears to have been a disc inlay that may have been repurposed as a tool. Two flat and polished surfaces, one more polished than the other, one rounded edge (semi-circular) and one broken edge. The fragment is burnt, the scorch marks being mainly on the top (more polished) surface and continuing over the break to the bottom surface, which they do not affect as much. The object may have been used as a polishing or grinding tool and/or a marver for rolling out glass beads.	6.3 × 3.3 × 1.3; c.6.5 (reconstructed height)
41738	K/-5, 17614	Hard sandstone	Fragment of a rectangular rubber or polisher . The base is flat and the top is very slightly concave; one of the sides is completely straight, while the second (end) is slightly curved towards the top and the third side is curved towards the top and base. All sides seem to have been used; fragment shows traces of burning.	3.5 × 4.1 × 2.1
41761	I/-2, 17683	Sandstone	Small, complete, irregular wedge-shaped (duck foot) rubber or polisher consisting of two larger surfaces and three smaller ones, all of them very smooth and probably used.	4.3 × 3.9 × 2.1

Object no.	Provenance	Material	Description	Length × Width × Thickness (cm)
41844	I/-5, 17698	Sandstone	Flat, sub-trapezoidal shape, probably a sandstone polisher or rubber . The base is intensely used and slightly concave. Small, secondary surface on top near tip very intensely used and very concave. Area of intense use includes a flattish surface with possible scorch marks? Rest of top also used, but less intensely; shows some faint grooves in irregular orientation (possibly secondary use as whetstone).	8.3 × 5.2 × 2.8
41973	G/-5, 17698	Sandstone	Roughly triangular, one edge broken. One surface is completely flat, while the other has one flat surface, with another polished surface sloping downwards, creating a thin edge. The intact long side appears also to have been used for polishing and the preserved corner between the intact long and the thin edges has been rounded by use.	4.45 × 2.1 × 1.15
41974	J/-5, 17621	Sandstone	Polishing tool . Charred. Broken into two pieces; complete piece would have been roughly triangular with two flat surfaces and one slightly rough long edge that may also have been used, although less so. One short side is pointed and the other is flat although slightly uneven.	5.3 × 3.05 × 1.4
41976	I/-2 N, 17659	Quartzite	Possible fragment of an inlay, or of a bowl or plate, repurposed as a polishing tool . Irregular trapezoidal shape with one intact, rounded edge, the other edges being broken. What would have been the upper surface is slightly concave, which stands against the object being used as an inlay. The opposite surface, towards which the intact edge tapers, is convex and somewhat thick. The sides and base of the object are also polished, but less so than the flat/slightly concave surface.	6.5 × 3.2 × 30
42031	I/-2, 17732	Sandstone	Fragment (about 20%) of an inlay, possibly originally of an oxhide shape. One pointed corner preserved, together with slightly concave upper surface. One side is worked but still rough, the other has been indented, as has the back, which has been worked but is not entirely flat. The base and one side of the object are purple and appear to have been burnt. The lower break, which appears smoother than the other break, appears to have been used as a polishing tool .	8.1 × 6.8 × 2.2
43214	Spoil heap to the south-east of site	Sandstone	Angular, roughly trapezoid fragment. One surface is flat, and may have been used for an industrial purpose – e.g. as a polishing tool . Other side tapers to fit into a hand. One long side may also have been polished, but is less discernible.	5.5 × 2.5–4.4 × 2
43717	J/-3, 15661	Hard sandstone	Worked fragment, probably a polisher or grinder . Roughly triangular cross-section with two sides heavily used, one of them showing faint striations. The third more irregular side shows some scattered flattening; one end also flattened but no heavy usage; the other end forms a rough, asymmetrical point.	7.8 × 5.4 × 4.2

d) Drilling tools

Object no.	Material	Provenance	Description	Length × Width × Thickness (cm)
41978	Limestone	K/-3 / I/-3, 17668	Drill head, roughly circular object with a depression in the centre on top and a flat base. Its fragmentary shape is similar to the half-preserved one from Grid 12 (object no. 37198: Kemp and Stevens 2010b: 421). Object nos 41978 and 37198 are smaller in overall size and have a shallower cavity than those from Kom Rabi'a (Giddy 1999: 223, pl. 59, EES 255, 1589).	7.75 × 7.65 × 2.7

Table 14.2 Drill cores.

Object no.	Provenance	Description	Diameter (cm)	Height (cm)
40616i and ii	G/-3, 15658	Two alabaster/travertine drill cores. Both objects are cylindrical in shape with a smooth outer surface and two flat ends. The objects taper slightly towards one end. Faint, irregular striations are discernible on the rounded surfaces, which stem from stone vessel production. Cf. Kemp and Stevens 2010b: 525–526, object nos 36700 and 36950, which are very similar in terms of material and shape. The objects may have had a secondary use as gaming pieces.	(i)=1.22–1.27; (ii)=1.15–1.23	(i)=1.29; (ii)=0.82

CHAPTER 15: JEWELLERY OR PERSONAL ADORNMENT

Table 15.1 Faience pendants.

Object no.	Provenance	Description	Colour and Pantone	Pendant type	Length × Width × Thickness (cm)	Diameter (cm)	Diameter of perforation – beads (mm)
40483	G/-3, 15658	Tiny fragment of faience pendant. Well-preserved and shiny glaze. Very fine white core material is visible at the break.	Turquoise, opaque, 312 M	N/A	0.22 × 0.19 × 0.18	N/A	
40539	G/-3, 15650	Small turquoise moulded drop pendant with a slightly concave back and a convex front and slightly irregular edges. Frontal glaze is somewhat matte and pitted, although otherwise intact. The back is shiny. A loop bead had possibly been attached to the top of the pendant, although only the glaze used for attaching it remains (same colour as body). The glaze at the edges of the body is slightly fringed. Cf. object nos 40545, 42004 and 42005.	Turquoise, 2995 M	C16	1.15 × 0.46 × 0.23	N/A	N/A
40540 (SCA: 1/2015)	G/-3, 15650	Almost intact pendant in form of a Bes figure in profile playing the tambourine. The facial features are not clear. The suspension bead is broken off; part of the back/bottom is also broken off. The glaze is slightly pitted. Cf. Kemp and Stevens 2010b: 93–94, object no. 36542.	Turquoise, 313 M	A10	c.1.0 × 0.4–0.6 × 0.2	N/A	N/A
40541	G/-3, 15682	Moulded poppy (or cornflower) seed-head pendant in yellow with a flat back and a convex front. Cursory detail without any frontal decoration on the bulb. Glaze is slightly irregular and a patch of core material can be found on the front surface of the object. The loop bead has broken off the top of the pendant, although a tiny patch of glaze (possibly the remains of a CY4 bead) remains above the neck.	Yellow, 124 M	C13A	0.97 × 0.47 × 0.23	N/A	N/A
40542	G/-4, 15655	Moulded pendant, <i>hs</i> -vase. Loop bead (R1/4 or CY4) broken off. It had been attached slightly askew on top, the glaze being slightly darker in colour and covering the top part. Flat back, convex front with tool marks visible towards the base, which is slightly misshapen, fanning out towards one side. The glaze is dull and weathered, and slightly pitted at the back.	Turquoise, 313 M	D9	1.28 (total), 1.1 (w/o bead) × 0.46, 0.15 (bead) × 0.26	N/A	N/A
40543	G/-4, 15667	Small cylindrical mid blue CY4 bead, attached to pendant of slightly darker colour, possibly the top of a grape bunch pendant, based on the object’s flat back and some possibly intentional pitting on the convex front (cf. object no. 40557). Glaze is shiny, core is fine.	Mid blue and dark blue, 652 M (bead), 653 M (pendant)	C11	0.42 (total), 0.22 (w/o bead) × 0.56 (total), 0.27 (bead) × 0.26	0.26 (bead)	1.1
40544	H/-4, 15646	Moulded, turquoise-blue southern plant/lily pendant, with a flat back and a convex front. Clear detail. Light turquoise short CY4 bead attached to the top as loop. Glaze is shiny and slightly pitted. Cf. pendant and mould, object nos 41659 and 40669.	Turquoise, 3005 M, 632 M	C24	1.17 (total), 0.86 (w/o bead) × 0.88 (pendant), 0.23 (bead) × 0.25	0.24 (bead)	1.1
40545	I/-3, 15606	Small, moulded drop pendant. Loop broken off. Glaze is matte and slightly irregular. Cf. object nos 40539, 42004 and 42005.	Turquoise, 2995 M	C16	1.19 × 0.46 (bottom) × 0.22	N/A	N/A
40546	I/-4, 15628	Moulded Bes pendant in frontal view. Some cursory details including superficially defined facial features. The back of the object is slightly concave; the front is convex. The glaze towards the top is lighter in colour due to weathering. The glaze is largely shiny and slightly pitted. The suspension loop that had been attached to the top of the pendant has broken off. Probably from the same mould as object no. 42003. Cf. Kemp and Stevens 2010b: 81, fig 10.6, 101: object no. 34131; cf. type A11 (Boyce 1995a: 345, 350).	Turquoise, 638 M	A11	1.26 (total), 1.16 (w/o remains of loop) × 0.65 × 0.26	N/A	N/A
40547	K/-4, 15687	Light blue R1 bead, attached to tip of green-blue elongated pendant, possibly a palm leaf with a slight raised ridge in the centre and a fine, cream-coloured core. Glaze of both components is shiny. The bead has a tiny patch of core material adhering to its surface.	Light blue and green blue, 304 M, 339 M	C3?	0.2 (pendant) × 0.37 (pendant), 0.17 (bead) × 0.2 (pendant)	0.29 (bead)	1.2
40548	H/-3, 15608	Fragment of a moulded lotus petal pendant (C7) with a flat back and a convex front. Lower segment of a large petal collar pendant in creamy white faience with a thin coating of mid greyish blue glaze used to define the tip. The surface of the glaze is slightly irregular and pitted. The core is hard and fine, with no interface between it and the glazed surface. One light blue cylindrical bead (C4) has been attached to the pendant with light blue glaze. Cf. Kemp and Stevens 2010b: 80, 82–83, object no. 34692.	White and light blue, white (no equivalent), 644 M (bead and glaze)	C6 or C7	2.16 × 0.95 × 0.57 (total), 0.28 (w/o bead)	0.28 (bead)	1.1
40549	H/-4, 15646	Almost intact, small, collar pendant, possibly in the form of a mandrake fruit. The heart-shaped body is blue with no decoration. Glaze is intact although only slightly shiny and with an irregular surface. Two ring beads (R4) have been applied to the top and bottom edges, each with a patch of slightly darker glaze than that of the body. The bottom bead has broken in half.	Turquoise, 638–639 M (body), 640 M (beads)	C12 ?	0.93 (total), 0.52 (w/o beads) × 0.53 (pendant), 0.9 (beads) × 0.2 (total), 0.1 (w/o beads)	0.2 (beads)	0.9

Object no.	Provenance	Description	Colour and Pantone	Pendant type	Length × Width × Thickness (cm)	Diameter (cm)	Diameter of perforation – beads (mm)
40550	H/-4, 15620	Almost intact, moulded lotus petal collar pendant with a convex front and a flat back. Weathered. A small, light blue cylinder bead (CY4) has been applied to the lower reverse with a blob of red glaze, and another, similar bead (also CY4) has been attached to the top of the pendant with the same glaze. Some ‘stick marks’ and a patch of greenish-blue glaze adhering to the back. Cf. Kemp and Stevens 2010b: 78–79, object no. 34316 (although larger and with a different-coloured glaze).	Light yellow, dark red and light blue, 128 M, 644 M (beads), 181 M (red glaze)	C5/C6	1.68 (total), 1.45 (w/o bead) × 0.45 (pendant), 0.18 (top bead), 0.17 (base bead) × 0.2	0.26 (top bead), 0.19 (base bead)	1.25 (top bead), 1.2 (base bead)
40551	H/-4, 15657	Intact, moulded date collar pendant with a convex front and a flat back. The base colour is a pale yellow, a large part of which has disappeared from the front surface. A small, light blue cylinder bead (CY4) has been applied to the lower reverse with a patch of red glaze, and another C4 bead has been attached to the top of the pendant in the same glaze. Some ‘stick marks’ and patches of core material adhering to the back. See Kemp and Stevens 2010b: 78–79, object no. 34691.	Light yellow, dark red and light blue, 128 M, 181 M (red glaze), 644 M (beads)	D6	1.63 (total), 1.41 (w/o bead) × 0.56 (pendant), 0.18 (top bead), 0.17 (back bead) × 0.57 (total), 0.27 (pendant)	0.24 (top bead), 0.17 (base bead)	1.2 (top bead), 1 (base bead)
40552	H/-4, 15646	Intact, moulded green palm leaf collar bead with linear detail. The back is flat, while the front is convex. The glaze is intact and shiny, and somewhat pitted. Two turquoise beads (both CY4) have been attached to the top of the pendant and its back, towards the bottom, using glaze of the same colour as the base pendant. Glaze ‘fringes out’ towards the edges due to excess body material.	Light green and turquoise, 346 M/556 M, 631 M (beads)	C3	2.72 (total), 2.48 (w/o bead) × 0.66 (pendant), 0.21 (top bead), 0.19 (base bead) × 0.45 (total), 0.23 (w/o bead)	0.27 (top bead), 0.23 (base bead)	1.1 (top bead), 1.2 (base bead)
40553	H/-4, 15646	Moulded collar pendant in form of a poppy bud. Overall shape is slightly elongated and resembles type C12C, although without the detail, so this is probably a C15 type. The bud itself is coloured dark/brownish red with slightly weathered, slightly grainy glaze. A blackish glaze has been applied around the tip, to which a dark, heavily weathered and intact cylindrical bead (CY4) has been applied. A patch of greyish blue glaze has been applied to the base of the back, where another bead had been attached, which is now lost.	Dark brownish red, black and greyish blue, 181 M, black 6 M, 5425 M	C15	1.81 (total), 1.54 (w/o bead) × 0.97 (total), 0.25 (bead) × 0.3 (total), 0.23 (body)	0.28 (bead)	1.1
40554	J/-4, 15727	Moulded collar pendant in form of a poppy bud. The front surface is convex, while the back is concave as it has been pressed into the mould. The red body glaze is shiny, but weathered and appears iridescent. In places, it has weathered green, especially where it is damaged. A patch of black/brownish glaze has been applied to the surface of the tip of the object to hold in place a loop bead that is now entirely missing, leaving only an impression. The black/brownish glaze is also weathered. The base of the object has broken off just below an intact white CY4 bead that has been attached to the concave back horizontally with a creamy-white glaze. Since the break below the bead is glazed over it appears that it occurred before the object was fired.	Dark red, black, white, 7524 M, black 3 M, white (no equivalent)	C15	1.79 × 1.37 (total), 0.3 (bead) × 0.63 (total), 0.31 (w/o bead)	0.28 (bead)	1.2
40555	J/-4, 15679	Bottom fragment of a collar pendant in the shape of a lotus petal. The back of the object is flat and the front is slightly convex. The base colour is a creamy white with a fine blue glaze applied centrally to the tapering tip of the petal (1.62 × 0.6 cm). The faience core is fine and white, while the glaze is shiny and slightly pitted. A thin white CY4 bead that had been applied to the lower back of the object with a patch of light blue glaze has broken off.	White and blue, white (no equivalent), 644 M (surface glaze), 645 M (reverse glaze)	C7	1.78 × 0.87 (total), 0.23 (bead) × 0.4 (total), 0.29 (w/o bead)	0.21 (bead)	0.9
40556	K/-4, 15673	Fragment of a moulded collar pendant (upper part) in shape of a (lotus) petal. The back is flat, the front is convex. Creamy-white body that has broken off towards the middle of the object. Glaze is shiny and slightly pitted. An irregular blob of yellow faience paste has been applied to the top of the object, on top of the white glaze, a trail of material coming off, trailing towards the base of the object. The yellow glaze is dull and has been applied thickly. Dark blue glaze has been applied to the top of the pendant to keep in place a bead (now gone). The core of the blue layer is exposed and appears to be fine. Cf. Kemp and Stevens 2010b: 79–80, object no. 34316.	White, yellow and dark blue, white (no equivalent), 1235 M and 653 M	C6 or C7?	1.13 × 0.57 × 0.36 (total), 0.22 (white body)	N/A	N/A
40557	I/-5, 15761	Almost intact collar pendant in the shape of a grape bunch. The front surface is convex, the back is flat. An indent to one side of the pendant is glazed over, suggesting that this damage occurred before firing. Body glaze is blue and weathered, the shiny glaze being somewhat pitted. The individual grapes are visible and marked as small circles, although the detail is cursory. Two small, pale green CY4 beads have been attached with a small patch of mid blue glaze (same as the pendant body) to the top of the pendant and its reverse. Cf. Kemp and Stevens 2010b: 80, 84, object no. 34789.	Mid blue and light green, 7454 M and 331 M	C11	1.68 (total), 1.35 (w/o beads) × 0.82 (total), 0.16 (top bead), 0.14 (base bead) × 0.45 (total), 0.23 (w/o beads)	0.27 (top bead), 0.23 (base bead)	1.1 (both)
40571	K/-4 / L/-4, 15689	Moulded necklace pendant with a flat back and a front surface with a three-dimensional design in fine detail. Design shows the lower torso, legs and tail of Bes in profile, playing the tambourine. The feet and the upper torso, head and arms are broken off. The glaze is dull and missing between the figure’s legs, while the back is slightly pitted.	Turquoise, 310 M	A10	0.79 × 0.49 × 0.17	N/A	N/A
40572	K/-4, 15685	Blue moulded pendant of standing goddess (possibly Sekhmet) holding a <i>w3ḏ</i> -sceptre. The figure is executed in raised relief; the goddess is standing in profile on a base. The back of the object is flat, the front is convex. Detailing is not very clear. An object of faience in a lighter colour had been attached to her head, and this could be either the white crown depicted in the corpus or a loop bead. Of this object, only traces of the glaze and a whitish core remain, resulting in the colour not being determined. The glaze of the pendant is shiny and pitted.	Dark blue, 653–654 M	A4	1.08 × 0.62 × 0.24	N/A	N/A
40574	H/-4, 15656	Fragment of a moulded pendant with a flat back and convex front. Fans out at one end, tapers towards the other, broken, end. The core is white, fine and powdery, while the glaze has weathered, with one large, matte area in the centre (edges retain the original colour and shiny surface). The back is completely matte, with ‘stick marks’. No loop beads. Possibly from the bottom of an <i>ankh</i> hieroglyph. According to Boyce (1995a: 349), this type of ornament would not be a pendant, but would be sown onto clothing (e.g. although no threading holes are discernible). Alternatively, the form might fit with that of a <i>djed</i> pillar (D7B) collar pendant.	Dark blue, 281 M	D12 (Petrie type 259)/ D7B	1.1 × 0.33–0.72 × 0.23	N/A	N/A

Object no.	Provenance	Description	Colour and Pantone	Pendant type	Length × Width × Thickness (cm)	Diameter (cm)	Diameter of perforation – beads (mm)
40697	I/-3, 15797	Moulded winged scarab pendant (simpler than type B24). The surface is weathered, the glaze having almost disappeared. Detailing is clear. The exposed core is iridescent. The front part is turquoise, while the back is dark red in patches, indicating that this may have been a firing error. The back of the object is flat, while the front is convex. A two-segmented S3 bead had been attached to the top of the object as a loop, one segment of which has broken along the perforation.	Turquoise and dark red, 631 M (?), 4985 M	B24 (var.)	1.09 (total), 0.94 (w/o bead) × 1.06 (total), 0.35 (bead) × 0.3	0.2 (bead)	0.9
41658	J/-3, 17504	Bottom fragment of a moulded necklace pendant, possibly a small drop. Convex front, flat back. Dark blue with a glazed-over, textured surface on the front with a small amount of glassy dark turquoise glaze in between the irregularities. The glaze is intact and shiny but missing in places on the reverse.	Dark blue, dark greenish turquoise, 7462 M, 3145 M	C16?	0.55 × 0.53 × 0.16	N/A	N/A
41659 (SCA: 18/2017)	L/-4, 17605	Complete moulded southern plant/lily necklace pendant with fine detail. The loop is an attached small cylinder bead. Cf. pendant and mould, object nos 40544 and 40669.	Turquoise, 632 M	C24	pendant 0.98, bead 0.22 × pendant 0.79, bead 0.25 × probably c.0.2, cf. object no. 40544	N/A	N/A
41660	L/-4, 17517	Middle fragment of moulded lotus petal collar pendant. Convex body, flat back. Upper and lower parts broken off. Weathered. The glaze is dull and pitted and mostly missing on the reverse. White with greyish-blue on lower frontal half.	White and greyish-blue, white (no equivalent), 278 M	C6–C7	1.91 × 0.91 × 0.38	N/A	N/A
41661	J/-2, 17634	Moulded lotus petal collar pendant. Convex body, flat back. Upper tip broken off. White with a light blue lower tip. White R1 ring bead attached to back at lower tip with light blue paste to be used as loop. Dirty, pitted and weathered. White with greyish-blue on lower frontal half.	White, greyish-blue, light blue, white (no equivalent), 278 M, 2718 M	C6–C7	2.91 × 0.8 (pendant), 0.21 (bead) × 0.27	0.33	1.3
41662	I/-2, 17550	Moulded palm leaf collar pendant, cursory detail, flat back; top loop broken off, bottom loop: small ring bead (diam. 2 mm) attached to back with the body material of the pendant. The bead is glassy. The glaze is intact, but pitted and weathered.	Light green, light blue, 7465 M (pendant), 2718 M (beads)	C3	2.17 (with beads), 2.04 (w/o beads) × 0.61 (pendant), 0.16 (bead) × 0.18	0.24	1.14
41663	J/-5, 17515	Moulded collar pendant in the shape of a bunch of grapes. Convex body, flat back. Clear detail on the top half, less clear on the bottom half. Well-preserved glaze. Two turquoise R4 beads attached directly to the dark blue body material of the pendant to the top and back near bottom as loops.	Dark blue, turquoise, 2955 M (pendant), 3105 M (beads)	C11	1.18 (with bead), 1.04 (w/o bead) × 0.57 (pendant), 0.12 (base bead), 0.14 (top bead) × 0.27	Base bead: 0.25; top bead: 0.29	Base bead: 1.12; top bead 1.01
41664	L/-4, 17522	Small fragment of a moulded pendant, probably a drop-shaped pendant from a collar (or necklace). Most likely the bottom tip of a collar drop pendant, showing traces of the loop bead on the back in light turquoise. Glaze is pitted. The core material has a light blue colour (similar to light blue glaze of the pendant).	Dark blue, light blue, light turquoise, 286 M, 2718 M, 628 M	C8/C6	0.5 × 0.4 × 0.35–0.9, glass 0.25 max.	N/A	N/A
41666	J/-5, 17515	Top part of moulded collar pendant in the shape of a mandrake fruit. Three leaves on top in dark blue; body of fruit is yellow. Convex body, flat back. Loop: white R4 ring bead, attached to the pendant with dark blue faience. Small ‘stick mark’ on the back: possibly reused as necklace pendant, as break must have occurred before firing (glazed over). The glaze is weathered.	Yellow, dark blue, white, 142 M, 647 M, white (no equivalent)	C12A	1.07 (with bead), 0.9 (w/o bead) × 0.92 (pendant), 0.15 (bead) × 0.27	0.22	1.06
41667	K/-5, 17614	Moulded polychrome date collar pendant. Convex body, flat back. The tip is coloured with a blue paste. The body of the pendant is dark red. The glaze is weathered and pitted. The top loop is broken off. The bottom loop is a white R4 bead, attached to the reverse with blue glaze.	Dark red, blue, 484 M, 7454 M, white (no equivalent)	C4	1 × 0.64 (pendant), 0.18 (bead) × 0.35	0.26	1.19
41668	L/-4, 17517	Moulded polychrome date collar pendant. Convex body, flat back. Tip with irregular smudge of blue paste. The body of the pendant is dark brown-red. The glaze is weathered (the surface is quite pitted and dull). Both loops broken off but traces of light red material with which the bottom bead was attached to the reverse are visible. A small piece of the bottom bead (probably CY1) remains.	Dark brownish red, blue, light red, 181 M, 646 M, 7422 M	C4	1.47 × 1.01 × 0.31	N/A	N/A
41669	J/-5, 17572	Moulded polychrome date necklace pendant. Convex body, flat back. Possible manufacturing error: the loop bead is broken and its breaks glazed over. The glaze is well preserved, but the surface irregular and pitted, slightly lipping up at the back with somewhat frayed edges. The pendant is brown-red with some blue paste at the top, with which the bead is attached to it. Loop: very light turquoise CY1 cylinder bead at the top, broken in half. The glaze is well preserved and shiny.	Dark brownish red, blue, very light turquoise, 181 M, 653 M, 317 M	C4	1.43 (with bead); 1.26 (w/o bead) × 0.69 (pendant); 0.25 (bead) × 0.24	c.0.24	N/A
41787	K/-2, 17577	Small fragment of a turquoise drop-shaped pendant. Convex front, concave back. Both ends are broken off and no attachment for a loop is preserved. The surface is weathered and pitted. Fine light beige core material is visible at the breaks.	Turquoise, 639 M	C18	1.08 × 0.81 × 0.28	N/A	N/A
41788 (SCA: 17/2017)	J/-2 N, 17534	Moulded cornflower collar pendant with a convex body and a flat back. Body is turquoise-green, blossom is dark blue. Two light turquoise CY1 beads attached as loops. cursory details on the surface.	Turquoise-green, dark blue, light turquoise, 562 M, 654 M, 317 M (approx., done from photograph)	C13D	1.7 × 0.6 × 0.3	0.2	N/A
41789	G/-4, 17513	Moulded cornflower pendant with a convex body and a flat back. One corner is missing (production error). Top bead (light blue, CY4) is intact and was attached with the dark blue glaze. The glaze is intact and shiny. Clear detail. Cf. Kemp and Stevens 2010b: 80, object no. 34342.	Dark blue, light blue, 5467 M (pendant) and 7458 M (bead)	C13A	0.98 (with bead); 0.79 (w/o bead) × 0.57 (pendant); 0.24 (bead) × 0.29	0.24	1.02
41790	L/-5, 17544	Small pendant fragment. Moulded, clear detail visible. Probably the petal end of a cornflower. Flat back. The glaze is intact. Cf. Kemp and Stevens 2010b: 80, object no. 34342.	Dark blue, 653 M	C13A	0.39 (preserved) × 0.53 × 0.14	N/A	N/A
41791	J/-2 N, 17534	Moulded necklace pendant of Bes playing the tambourine. Convex body, flat back. The loop bead is broken off, exposing the core material at the break. The details are not clear. The surface is weathered, dull and patinated.	Turquoise, 638 M	A10	0.89 × 0.54 × 0.24	N/A	N/A
41935	H/-5, 17702	Small, moulded fragment of a pendant. Convex body, flat back. Appears to be the legs and feet of a figure in profile. The details are not clear. The surface is very weathered and dull.	Turquoise, 313 M	A4/A20/A21 (?)	0.59 × 0.62 × 0.21	N/A	N/A

Object no.	Provenance	Description	Colour and Pantone	Pendant type	Length × Width × Thickness (cm)	Diameter (cm)	Diameter of perforation – beads (mm)
41959	K/-5, 17614	Fragment of a moulded collar pendant. Only white central portion preserved, both short ends broken off. No loop beads preserved. The back is flat and the glaze is shiny and slightly pitted.	White, 1 M (?)	C6–C7	0.98 × 0.7 × 0.3	N/A	N/A
41960	K/-2, 17595	Moulded pendant of Bes playing the tambourine; turquoise, fragmented. Convex body, flat back. The loop bead is broken off (CY1, c.40% preserved, same colour as pendant). The details are not clear. The surface is weathered and dull; the back is pitted.	Turquoise, 312 M	A10	0.82 × 0.68 × 0.25	N/A	N/A
41961	K/-2, 17595	Moulded cornflower collar pendant with a convex body and a flat back. Body is turquoise-green; blossom is dark blue. Top bead (light blue, CY1) remains intact; the bottom bead is broken off. The blue glaze has been applied separately. The top bead has been attached with blue faience. The glaze is intact and shiny with pitting on the back. Clear detail.	Turquoise-green, dark blue, white, 562 M, 654 M, white (no equivalent)	C13D	1.41 (with bead), 1.23 (w/o bead) × 0.59 (pendant), 0.14 (bead) × 0.3	0.19	1
41962	G/-4, 17513	Moulded cornflower necklace pendant with a convex body and a concave back. Monochrome dark blueish grey. Top bead (light blue, CY4) is broken, no bottom bead. The top bead has been attached with light blue glaze at a slight angle. The glaze is intact and slightly dull. Clear detail.	Dark blueish grey, light blue, 7540 M, 317 M	C13A	1.24 (with bead); 1.13 (w/o bead) × 0.6 (pendant); 0.26 (bead) × 0.31	N/A	N/A
42003	H/-5, 17702	Moulded necklace pendant depicting a frontal Bes figure. Convex body, flat back. The glaze is a blue turquoise in the middle of the pendant and a lighter green turquoise around the edges. The loop bead is broken off and a fragment of the top of the pendant is missing. The details are clear around the edges, but surface weathering and the heavy vitrification of the central surface area make them somewhat less clear, especially in the area of the face. The surface is weathered and pitted. Probably from the same mould as object no. 40546.	Blue turquoise, light green turquoise, 313 M, 324 M	A11	1.15 × 0.65 × 0.26	N/A	N/A
42004	H/-5, 17702	Moulded drop-shaped necklace pendant. Convex body, concave back. Loop bead broken off with a small fragment remaining. The glaze is intact, but pitted and slightly dull with weathering at the bottom.	Turquoise (pendant), light turquoise (bead), 632 M, 319 M	C8	1.01 × 0.48 × 0.28	N/A	N/A
42005	L/-2, 17626	Moulded drop-shaped collar pendant. Convex body, flat back. Both beads broken off. The glaze is weathered and dull.	Turquoise, 632 M	C8	1.2 × 0.47 × 0.2	N/A	N/A
43021	J/-5, 17707	Fragment of a collar or necklace pendant: R1 bead, probably originally fused to main pendant, now broken off (only remnants of paste remaining). The bead is a pale white while the paste remnant is a cream white.	White, opaque (no equivalent)	N/A	L=0.14 × 0.27 (diam.)	0.27	1.25

Table 15.2 Faience beads: a) Disc beads; b) Ring beads; c) Segmented beads (n.w.d. = not well-defined, w.d. = well-defined); d) Cylinder beads; e) Multiple-cylinder beads; f) Spherical beads (flattened, extended, spherical); g) Other bead types. Additional bead types: DB1-c = Disc bead, complete; DB1-f = Disc bead, fragmentary; S1–S4 (X segs) = various segmented beads with x amount of segments.

a) Disc beads

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Thickness × Diameter (cm)	Perforation diameter (mm)
42153	G/-3, 15658	Medium-sized, with a damaged edge, where a portion has broken off. Heavily weathered, with exposed core on both sides; glaze is largely dull. About 95% preserved.	Turquoise, 631 M	DB1-c	0.076 × 0.6	1.93
42154	G/-4, 15655	Small, thin edges, slight irregular shape. Glaze intact and shiny on one surface; ‘stick marks’ on other surface.	Turquoise, 321 M–322 M	DB1-c	0.063 × 0.4	1.3
42155	G/-4, 15667	Medium-sized, surface largely intact and slightly pitted. Dull appearance. Glassy.	Turquoise, 632 M	DB1-c	0.07 × 0.66	1.7–2
42156	H/-4, 15620	Large, glaze largely intact except where ‘stick marks’ are on the surface. Glaze is shiny and glassy.	Dark turquoise, 301 M	DB1-c	0.07 × 0.78	1.3
42157	H/-4, 15646	Large. Aperture off-centre and irregular. Glaze largely intact, slightly pitted. Weathered and shiny.	Turquoise, 2985 M–2995 M	DB1-c	0.055 × 0.79	1.9–2.55
42158	H/-4, 15646	Medium-sized, glaze largely intact and shiny, although somewhat pitted. Glassy.	Dark turquoise, 3015 M	DB1-c	0.07 × 0.6	1.43
42159	H/-4, 15657	Medium-sized, glaze shiny and largely intact on one side, missing on the other side.	Turquoise, 3252 M	DB1-c	0.064 × 0.57	1.4
42160	I/-3, 15606	Medium-sized, glaze largely intact. Surface pitted and shiny. Slightly glassy.	Turquoise, 314 M	DB1-c	0.06 × 0.54	1.5
42161	I/-3, 15645	Large, slightly convex/concave towards the aperture. Glaze almost entirely missing from convex side, and weathered, although almost intact on the other side. Rim from moulding visible, perfectly circular. Rectangular section.	Dark blue, 2965 M?	DB1-c	0.11 × 0.85	1.37
42162	I/-4, 15605	Medium-sized, ‘stick marks’ on both sides. Glaze is dull. Glassy.	Dark turquoise, 308 M–315 M	DB1-c	0.08 × 0.66	1.45
42163	I/-4, 15665	Large, surface slightly pitted on both sides. Glaze is shiny.	Turquoise, 632 M	DB1-c	0.095 × 0.77	1.54
42164	K/-4, 15664	Small, with irregular edges. Glaze is dull and largely intact on one side, core exposed on other side.	Turquoise, 632 M	DB1-c	0.07 × 0.57	1.8
42165	K/-4, 15687	Large, slightly bent and glassy. Both surfaces weathered, glaze is dull. One side with sand encrustations and ‘stick marks’.	Turquoise, 3005 M	DB1-c	0.075 × 0.73	1.55
42167	G/-4, 15609	Surface and glaze are matt and pitted. About 50% preserved.	Turquoise, 307 M	DB1-f	0.09 × 0.54	1.4
42173	H/-4, 15620	Large disc bead. Glaze is shiny and almost intact with some minor pitting.	Dark red, 484 M	DB1-c	0.17 × 0.8	0.89
42201	L/-4, 15684	Medium-sized with an irregular shape, one edge slightly indented. Core exposed on both sides where the surface appears bubbly and pitted, with some ‘stick marks’. Glaze is weathered and mostly dull.	Light turquoise, 304 M	DB1-c	0.077 × 0.5–0.58	1.25
42282	I/-5, 15753	Small, slightly irregular in shape – one edge squared off with perforation off-centre. Weathered, glaze is dull. Glassy.	Dark turquoise, 3015 M	DB1-c	0.08 × 0.39	0.93

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Thickness × Diameter (cm)	Perforation diameter (mm)
42293	H/-4, 15762	Medium-sized, core exposed on both surfaces with c.50% covered in ‘stick marks’ on one side. Remaining glaze is shiny.	Dark turquoise, 3015 M?	DB1-c	0.06 × 0.612	1.7
42294	K/-4, 15731	Medium-sized, wide aperture, slightly off-centre. Heavily weathered, glaze is dull and pitted.	Light turquoise, 317 M–318 M	DB1-c	0.065 × 0.61	1.46
42315	H/-4, 15762	Medium-sized, both surfaces weathered and dull with exposed core and ‘stick marks’ on one side.	Dark turquoise, 3015 M	DB1-c	0.073 × 0.56	1.27
42318	H/-4, 15762	One edge damaged, small chunk missing. Core exposed around break on one side, presumably where the bead was lifted. Surface is only slightly shiny. About 60% preserved.	Dark turquoise, 7468–7469 M	DB1-f	0.085 × 0.79	1.33
42320	H/-4, 15782	Slightly warped along the centre. Surface is weathered, glaze is shiny. ‘Stick marks’ on convex face.	Turquoise, 321 M	DB1-c	0.06 × 0.54	1.3
42321	H/-5, 15778	Small, with a wide and irregular aperture. Glaze largely intact and dull.	Light turquoise, 304 M–318 M	DB1-c	0.074 × 0.47	1.3
42329	L/-4, 15785	Slightly irregular (oval) shape with protruding material at the edges. Both surfaces are convex and pitted, while one surface is covered in a grainy substance (drying tray?). Remains of glaze are dull.	Light turquoise, 319 M	DB1-c	0.13 × 0.51–0.61	1.57
42498	I/-2 N, 17659	Surface is shiny and slightly pitted. Bead is glassy throughout. Slight damage to the surface. About 50% preserved.	Dark turquoise, 633 M	DB1-f	0.06 × 0.53	1.5
42584	G/-4, 17721	Bead is glassy throughout and slightly misshapen due to ‘stick marks’ on one edge, stretching the matrix and exposing the core on the other side. Glaze on one side with ‘stick marks’ is dull and pitted, other side is shiny and only slightly uneven.	Turquoise, 313 M	DB1-c	0.06 × 0.61	1.4
42588	L/-2, 17611	Glassy throughout. Surface is iridescent and pitted on both surfaces.	Turquoise, 639 M	DB1-c	0.07 × 0.53	1.1
42599	I/-5, 15753	Glaze slightly pitted and dull.	Turquoise, 638 M	DB1-c	0.075 × 0.66	1.5
42600	H/-4, 15646	Small, irregular shape. Heavily weathered with sand grains on one side. Small drip of light turquoise glaze adhering to one side. Glaze is dull. Glassy.	Dark blue, 3025 M?	DB1-c	0.068 × 0.51–0.55	1.86
42601	H/-4, 15646	Small. Glaze is shiny and pitted.	Dark turquoise, 3015 M–3025 M	DB1-c	0.06 × 0.43	1.1
42602	H/-4, 15646	Surface largely intact. One side slightly pitted. Glaze is largely dull.	Dark turquoise, 633 M	DB1-c	0.07 × 0.58	1.6
42604	H/-4, 15646	Medium-sized. Glaze intact and heavily weathered, dull. Glassy. Rectangular section.	Dark turquoise, 3015 M	DB1-c	0.09 × 0.68	1.53
42605	K/-4, 15664	Medium-sized. Core exposed on both sides. Glaze is dull and pitted.	Light turquoise, 637 M	DB1-c	0.07 × 0.65	1.56
42606	L/-4, 15717	Large, with an irregular, off-centre aperture. Glaze is largely intact and shiny.	Dark red, 491 M	DB1-c	0.12 × 0.83	2.08–2.84
42607	L/-4, 15717	Large, with shiny glaze. Surface is somewhat pitted. Aperture is large and slightly irregular in that it forms an indentation.	Dark red, 491 M	DB1-c	0.12 × 0.8	2.15
42638	I/-2 N, 17659	Surface is slightly warped due to ‘stick marks’ (possibly a waster). Further ‘stick marks’ on other side. Surfaces are weathered and dull.	Turquoise, 632 M (where not weathered)	DB1-c	0.067 × 0.52	1.55
42640	K/-5, 17554	Bead is slightly warped with one edge bent upwards and reduced, and glassy throughout. One surface is largely shiny and discolored; other surface has several ‘stick marks’.	Turquoise, 2995 M	DB1-c	0.06 × 0.61	1.9
42642	J/-5, 17515	Glaze on both sides is shiny and pitted, and blackened.	Turquoise, 7459 M	DB1-c	0.069 × 0.62	1.3
42644	K/-2, 17577	One surface is shiny and slightly discolored, with a ‘stick mark’ on the edge. Other surface is also shiny, with several ‘stick marks’. Bead is glassy.	Turquoise, 7461 M	DB1-c	0.075 × 0.47	1.2
42645	K/-2, 17577	Glaze is dull and heavily pitted with the glaze exposed on both sides.	Light turquoise, 305 M	DB1-c	0.075 × 0.67	1.72
42647	J/-3, 17701	One surface is shiny and slightly pitted, other surface is shiny with ‘stick marks’. Bead is glassy throughout and slightly warped.	Turquoise, 7461 M	DB1-c	0.068 × 0.52	1.1
42649	G/-4, 17513	Two edges are missing due to the bead being glassy. One surface is shiny with intact glaze; other side has ‘stick marks’ or a slightly exposed core. About 90% preserved.	Turquoise, 632–633 M	DB1-f	0.062 × 0.56	1.45
42651	L/-3, 17573	Small portions missing from the edge. Glaze on both surfaces is shiny and heavily pitted. Tapered edges. Aperture is slightly malformed, with the hole being extended in one direction? Almost 100% preserved.	Turquoise, 7461–7469 M	DB1-c	0.14 × 1.54	1.24
42652	K/-2, 17595	One surface is shiny and pitted; other surface is dull, with ‘stick marks’.	Turquoise, 325 M	DB1-c	0.064 × 0.53	1.2
42653	K/-2, 17692	Heavily weathered with dull glaze. Slightly pitted on one side; section of core exposed on other side.	Turquoise, 7460 M	DB1-c	0.07 × 0.48	1
42654	J/-2, 17689	Both surfaces are largely shiny and slightly pitted.	Dark green turquoise, 7470 M	DB1-c	0.1 × 0.57	1.3
42655	J/-2 N, 17534	Small wedge-shaped area of damage on one edge. Bead is glassy. One surface is matte; other surface is shiny with ‘stick marks’. About 95% preserved.	Dark turquoise, 633 M	DB1-c	0.064 × 0.59	1.3
42660	L/-2, 17710	Glaze is shiny and pitted. Fifty per cent preserved.	Turquoise, 631 M	DB1-f	0.07 × 0.65	1.5
42661	J/-3, 17593	Both surfaces are dull and heavily pitted. Bead is glassy.	Turquoise, 7460 M	DB1-c	0.074 × 0.6	1.5
42662	G/-3, 17676	Slightly glassy. One surface is matte and discoloured; other surface is iridescent and pitted. About 50% preserved.	Turquoise, 7461 M	DB1-f	0.07 × 0.72	1.6
42665	G/-4, 17721	One surface is dull and weathered with ‘stick marks’. Other surface is largely shiny.	Turquoise, 638 M	DB1-c	0.07 × 0.39	0.8
42666	H/-5, 17702	Heavily weathered, with dull glaze. Pitted on one side, with exposed core, and with ‘stick marks’ on other side.	Turquoise, 632 M	DB1-c	0.07 × 0.59	1.29
42667	G/-4, 17721	Glaze on one side is shiny and slightly pitted; other side is dull with a largely exposed core.	Turquoise, 319–320 M	DB1-c	0.07 × 0.63	1.4
42672	L/-2, 17742	Some very slight unevenness to a tapered edge. Both surfaces are matte and slightly iridescent due to weathering, and pitted. Small ‘stick marks’.	Dark blue, 7468 M	DB1-c	0.019 × 1.56	2

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Width × Thickness × Diameter (cm)	Perforation diameter (mm)
42131	G/-3, 15610	Glaze is shiny and surface pitted. About 50% preserved.	Turquoise, 7461 M	DB1-f	0.29 × 0.066 × 0.51	1.26
42132	G/-3, 15610	Glaze intact, dull. About 50% preserved.	Light green, 624 M	DB1-f	0.25 × 0.08 × 0.44	
42133	H/-4, 15620	Surface is shiny and pitted, with ‘stick marks’. About 50% preserved.	Turquoise, 632 M	DB1-f	0.034 × 0.075 × 0.69	1.35
42134	H/-4, 15620	Glaze is shiny and exposed in places. Slightly warped. About 45% preserved.	Turquoise, 632 M	DB1-f	0.33 × 0.06 × 0.56	
42169	H/-4, 15620	About 80% preserved. Heavily weathered, glaze is dull and surface pitted. ‘Stick marks’ on one surface. Glassy throughout. Bead is slightly warped.	Light turquoise, 319 M?	DB1-f	0.47 × 0.075 × 0.56	1.32
42170	H/-4, 15646	Glaze is shiny, surface is heavily pitted. ‘Stick marks’ on surface. About 50% preserved.	Turquoise, 641 M	DB1-f	0.34 × 0.07 × 0.57	1.41
42171	H/-4, 15646	Glassy with iridescent, weathered surface and ‘stick marks’ on one side. Two edges are missing, exposing the glassy core. About 25% preserved.	Turquoise, 640 M	DB1-f	0.44 × 0.11 × 0.53	1.1–1.41
42202	I/-3, 15694	Medium-size, weathered. Small ‘stick mark’, iridescent. About 45% preserved.	Turquoise, 631–641 M	DB1-f	0.33 × 0.074 × c.0.6	1.25
42322	H/-4, 15782	Surface is shiny and glaze is pitted. ‘Stick marks’ on one surface. About 70% preserved.	Turquoise, 7461 M	DB1-f	0.52 × 0.084 × 0.7	1.46
42583	H/-2 N, 17565	Broken into two pieces. Both surfaces are matte and slightly pitted. About 60% preserved.	Light turquoise, 630 M	DB1-f	0.3 × <0.1 × 0.56	0.17
42586	I/-2 N, 17659	One surface heavily weathered: surface dull and pitted. Other side shiny and slightly pitted. About 50% preserved.	Turquoise, 7472 M	DB1-f	0.34 × 0.06 × 0.6	1.3
42646	J/-5, 17515	One edge broken off. Glaze is weathered and dull, surface is pitted. About 80% preserved.	Turquoise, 630–631 M	DB1-f	0.46 × 0.06 × 0.52	1.3
42657	G/-2 N, 17505	One side matte, with core exposed around aperture; other side is heavily pitted with the core exposed around central part. Rectangular section. About 50% preserved.	Turquoise, 631 M	DB1-f	0.42 × 0.12 × 0.79	1.7
40832	G/-4, 15667	Glaze is matt and pitted. About 20% preserved.	Dark turquoise, 315 M	DB1-f	0.45 × 0.28 × 0.06	N/A
41622	G/-2, 17598	Tiny disc bead fragment, section of the rim, aperture not preserved. Glaze is dull and slightly pitted, although largely intact. Core is creamy/white.	Light turquoise, opaque, 319 M	DB1-f	0.39 × 0.17 × 0.07	N/A
42130	H/-4, 15646	Surface is shiny and glaze is pitted. About 45% preserved.	Turquoise, 632–633 M	DB1-f	0.67 × 0.033 × 0.079	N/A
42168	G/-4, 15667	Surface slightly shiny, and pitted. About 30% preserved.	Dark turquoise, 633 M	DB1-f	0.51 × 0.34 × 0.06	1.26
42172	I/-4, 15605	Dull glaze. Broken sections show glassy core. About 25% preserved.	Dark turquoise, 315 M	DB1-f	0.37 × 0.22 × 0.08	N/A
42203	K/-4 / L/-4, 15689	Dull surface, weathered. Glassy core exposed in break. Appears slightly misshapen. About 30% preserved.	Light turquoise, c.319 M	DB1-f	0.51 × 0.37 × 0.07	1.84
42317	H/-4, 15778	Surface is pitted, glaze is dull. About 40% preserved.	Turquoise, 632 M	DB1-f	0.78 × 0.37 × 0.07	N/A
42585	J/-2, 17534	Possibly a waster. Glassy interior; surface is cracked and dull. ‘Stick marks’ on one side. About 20–25% preserved.	Dark turquoise, 3145 M	DB1-f	0.44 × 0.23 × 0.06	N/A
42587	G/-4, 17513	Surface is shiny and slightly pitted. About 20% preserved.	Turquoise, 325 M	DB1-f	0.33 × 0.21 × 0.06	N/A
42648	L/-5, 17518	Both surfaces are matte and pitted. About 25% preserved.	Light turquoise, 630 M	DB1-f	0.55 × 0.31 × 0.05	N/A
42650	G/-2, 17505	Glassy throughout. One surface is matte and pitted; other one is shiny with small ‘stick marks’. About 35% preserved.	Turquoise, 2995 M	DB1-f	0.65 × 0.45 × 0.05	N/A
42658	K/-2, 17692	Small fragment. One surface with matte glaze, other surface with ‘stick marks’. Tiny further fragment broken off the bead. About 20% preserved.	Turquoise, 631 M	DB1-f	0.31 × 0.19 × 0.035	N/A
42659	G/-5, 17728	Surfaces are shiny and slightly pitted. Slightly pitted on one side. About 45% preserved.	Turquoise, 631 M	DB1-f	0.7 × 0.33 × 0.06	1.4

b) Ring beads

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42174	H/-4, 15646	Glaze largely intact with two large quartz grains adhering to one side. Glaze is shiny.	Dark red, 492 M	R2	0.17 × 0.57	1.68
42206	G/-4, 15655	Medium, flat outer edge, perforation slightly off-centre. The glaze is intact and shiny.	White (no equivalent)	R2	0.21 × 0.34	1.21
42209	G/-4, 15667	Glaze intact, shiny.	Dark blue, 2170 M	R4	0.09 × 0.19	1.07
42210	G/-4, 15667	Glaze intact, dull.	Dark blue, 655 M	R4	0.09 × 0.18	1.07
42211	H/-4, 15620	Glaze intact, shiny.	Turquoise, 3005 M	R4	0.1 × 0.18	0.85
42213	H/-4, 15646	Glaze intact, shiny.	Dark blue, 303 M–3035 M	R4	0.09 × 0.19	1.03
42215	K/-4, 15779	Glaze intact, dull.	Dark blue, 302 M	R4	0.11 × 0.17	0.87
42216	I/-3, 15694	Ring bead with a very small part of another bead fused to the edge. The glaze is intact and shiny.	Dark blue, 653 M	R4	0.11 × 0.17	0.87
42217	I/-3, 15694	Glaze intact, dull, square in section, flat outer edge.	Dark blue, 653 M	R4	0.1 × 0.15	0.57
42218	H/-4, 15646	Glaze intact, shiny.	Dark blue, 653 M	R4	0.11 × 0.22	0.88

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42220	J/-4, 15704	Glaze intact, dull, square in section, flat outer edge.	Turquoise, 542 M	R4	0.09 × 0.19	0.8
42221	H/-4, 15646	Glaze intact, dull.	Dark blue, 302 M	R4	0.12 × 0.2	0.95
42222	J/-4, 15678	The glaze is eroded on all sides. Slightly shiny. Flat outer edge.	Green, 347 M	R4	0.11 × 0.17	0.83
42224	J/-4, 15702	Glaze intact, dull.	Dark violet-blue, 646 M	R4	0.09 × 0.22	1.15
42225	L/-4, 15780	The glaze is dull and partly intact. ‘Stick marks’ on one side.	Dark violet-blue, 645 M–646 M	R4	0.1 × 0.18	0.7
42226	J/-4, 15679	Small. Glaze intact, shiny. One aperture protruding.	Turquoise, 549 M	R4	0.1 × 0.21	0.88
42227	J/-4, 15727	Glaze intact, slightly shiny.	Dark blue, 653 M	R4	0.1 × 0.23	0.81
42228	K/-4, 15628	Glaze intact, shiny.	Dark blue, 653 M–654 M	R4	0.1 × 0.18	0.77
42229	K/-4, 15664	Glaze almost intact, shiny.	Dark blue, 647 M–653 M	R4	0.1 × 0.21	0.75
42231	K/-4, 15669	Glaze intact, dull.	Turquoise, 299 M	R4	0.09 × 0.19	0.92
42232	K/-4, 15673	Glaze intact, dull.	Dark turquoise, 301 M	R4	0.11 × 0.19	0.77
42233	K/-4, 15687	Glaze almost intact, eroded in places. Shiny.	Dark turquoise, 3015 M	R4	0.09 × 0.17	0.89
42234	K/-4, 15779	Glaze intact, shiny.	Dark violet-blue, 5275 M	R4	0.09 × 0.17	0.79
42238	G/-3, 15658	Glaze is intact and shiny.	Dark blue, 296 M	R1	0.1 × 0.36	1.24
42245	J/-4, 15679	Four tiny fragments. The surface has a white patina.	Turquoise, 299 M	R4	N/A × <0.1	N/A
42284	H/-5, 15758	The glaze is weathered and dull.	Dark blue, 302 M	R4	0.09 × 0.18	0.73
42285	I/-3, 15732	Medium, weathered. The aperture is very slightly protruding on one face.	Green, 335 M	R3	0.16 × 0.44	1.66
42297	G/-3, 15763	Glaze intact, dull.	White (no equivalent)	R4	0.07 × 0.2	0.84
42298	K/-4, 15664	Glaze intact, dull.	Dark blue, 653 M	R4	0.09 × 0.21	0.53
42302	G/-3, 15763	Fragment of a probable R1 ring bead (c.20% preserved). The breaks are glazed over (the bead broke before or during firing). The glaze is intact and slightly shiny with a small amount of core material visible.	Dark blue, 302 M	R1	L=0.25 × W=0.15 × T=0.14	
42306	Surface find	The glaze is dull and intact. ‘Stick marks’ on one side.	Dark blue, 295 M	R4	0.1 × 0.2	0.99
42314	H/-4, 15778	Glaze intact, dull.	Dark blue, 661 M	R4	0.1 × 0.21	1.01
42326	L/-4, 15780	The glaze is intact but dull with surface cavities. Square in section, flat outer edge.	Dark blue, 646 M	R4	0.12 × 0.17	0.99
42333	K/-4, 15664	Glaze intact, shiny.	Dark blue, 646 M–647 M	R4	0.08 × 0.19	0.72
42334	K/-4, 15664	Glaze intact, dull.	Dark blue, 653 M	R4	0.1 × 0.19	0.8
42335	K/-4, 15664	The glaze is mostly intact and slightly shiny. ‘Stick marks’ on one side.	Dark blue, 2955 M	R4	0.1 × 0.17	0.81
42339	I/-3, 15694	The glaze is intact and shiny.	Dark blue, 653 M	R4	0.12 × 0.19	0.91
42416	L/-4, 15793	Glaze shiny on one surface, with some ‘stick marks’ on the other.	Dark turquoise, 549 M–548 M	R4	0.07 × 0.18	0.62
42417	L/-4, 15785	Glaze intact, dull. Some ‘stick marks’.	Turquoise, 307 M	R4	0.1 × 0.25	0.81
42418	I/-4, 15799	The glaze is intact and shiny. Square in section.	White (no equivalent)	R4	0.11 × 0.13	0.77
42419	K/-4 / L/-4, 15689	The glaze is intact and shiny but pitted on one face.	White (no equivalent)	R4	0.11 × 0.23	1.25
42420	G/-4, 15667	Glaze intact, dull.	Turquoise, 3262 M	R4	0.8 × 0.22	1.12
42423	H/-4, 15620	Glaze somewhat eroded, dull, with some ‘stick marks’.	Turquoise, 325 M	R4	0.09 × 0.18	0.67
42424	H/-4, 15620	Glaze almost intact, slightly shiny.	Dark turquoise, 3155 M	R4	0.1 × 0.21	0.74
42425	I/-3, 15732	Flat section, heavily weathered. Glaze has eroded in parts.	Light brown-yellow, 131 M	R4	0.05 × 0.21	0.8
42426	H/-4, 15657	Glaze intact, shiny.	Dark turquoise, 315 M	R4	0.1 × 0.19	0.9
42427	I/-5, 15750	Glaze intact but dull. The aperture is protruding slightly on one face.	Yellow, 1235 M	R4	0.11 × 0.16	0.75
42471	I/-4, 15628	Glaze intact, shiny.	Dark blue, 302 M	R4	0.09 × 0.18	0.76
42472	J/-4, 15679	Small, glaze intact and somewhat shiny.	Yellow, 1225 M	R4	0.1 × 0.22	0.85

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42473	J/-4, 15704	The glaze is somewhat eroded and dull. Flat outer edge.	Turquoise, 326 M	R4	0.1 × 0.19	0.83
42474	J/-4, 15679	Small, glaze intact and shiny.	Yellow, 123 M	R4	0.12 × 0.22	1.04
42475	J/-4, 15679	Small, glaze intact and somewhat shiny.	Green, 363 M	R4	0.11 × 0.2	0.84
42476	J/-4, 15679	Small, glaze almost intact, shiny. Glaze from another bead adheres to one edge.	Turquoise, 299 M	R4	0.09 × 0.22	0.87
42477	J/-4, 15679	Small. Glaze intact and shiny.	White (no equivalent)	R4	0.11 × 0.23	0.87
42478	J/-4, 15702	The glaze is intact but dull. Flat faces and outer edge (similar to R3).	Yellow, 122 M–123 M	R4	0.11 × 0.21	0.68
42479	J/-4, 15702	Glaze intact, dull.	Pale blue, 290 M	R4	0.08 × 0.19	0.9
42480	J/-4, 15710	The glaze is intact and shiny. Square in section.	White (no equivalent)	R4	0.1 × 0.2	1.08
42481	J/-4, 15678	The glaze is intact but somewhat dull. A small amount of outer glaze is fused to the edge.	Turquoise, 326 M	R4	0.08 × 0.2	0.81
42482	K/-4, 15628	The glaze is intact but dull and weathered. Flat outer edge with a ridge around the aperture.	Light turquoise, 317 M	R6	0.12 × 0.22	1.02
42483	K/-4, 15628	Glaze shiny, with some ‘stick marks’.	Dark turquoise, 5473 M	R4	0.09 × 0.2	1.04
42484	H/-4, 15656	Glaze intact, dull.	Dark turquoise, 3145 M	R4	0.08 × 0.2	0.89
42485	H/-4, 15646	The glaze is almost intact. Small size, shiny surface, flat outer edge.	Dark turquoise, 315 M	R4	0.12 × 0.17	0.56
42486	H/-4, 15646	Glaze eroded on one side, shiny.	Turquoise, 314 M	R4	0.07 × 0.19	0.56
42487	K/-4, 15779	The glaze is intact but dull.	White (no equivalent)	R4	0.09 × 0.2	0.95
42488	K/-4, 15664	Glaze almost intact, slightly shiny.	Dark turquoise, 3015 M	R4	0.09 × 0.19	0.69
42489	K/-4, 15673	The glaze is intact and shiny. The aperture is protruding slightly on one face.	Yellow, 123 M	R4	0.12 × 0.17	0.88
42490	K/-4, 15687	Very thin. Glaze almost intact, shiny.	Turquoise, 300 M	R4	0.06 × 0.19	1
42491	K/-4, 15687	Glaze intact, shiny.	Yellow, 123 M	R4	0.12 × 0.2	0.9
42492	K/-4, 15687	Glaze intact, dull. Remains of external glaze adhering to one side.	White (no equivalent)	R4	0.09 × 0.21	1.04
42493	K/-4, 15687	The glaze is intact but dull. The apertures are protruding very slightly on both faces.	Yellow, 124 M	R4	0.12 × 0.18	0.72
42494	K/-4, 15687	The glaze is intact but dull. The faces and the outer edge are flat (similar to R3).	Yellow, 124 M	R4	0.1 × 0.18	0.77
42495	K/-4, 15687	The glaze is intact but dull.	White (no equivalent)	R4	0.09 × 0.19	0.84
42581	I/-2, 17706	Large and flat with a slightly dull and pitted glaze.	Turquoise, 7460 M	R1	0.1 × 0.51	1.41
42582	G/-4, 17721	The glaze is slightly weathered and dull. Square in section.	Dark blue, 2965 M	R3	0.18 × 0.45	1.38
42639	K/-2, 17577	Flat with a wide aperture. Glassy. The glaze is weathered.	Turquoise, 307 M	R1	0.07 × 0.42	1.45
42641	H/-2, 17670	Flat and very weathered on one side.	Turquoise, 320 M	R1	0.08 × 0.4	1.29
42643	J/-5, 17515	Flat and glassy. Slightly weathered but shiny.	Turquoise, 314 M	R1	0.07 × 0.36	1.15
42656	G/-2, 17505	Flat with a wide aperture. It is very weathered and damaged on the edge with much of the glaze missing.	Turquoise, 3135 M	R1	0.07 × 0.51	1.83
42664	G/-4, 17721	One bulging edge. The glaze is well preserved but dull, with some weathering on one side.	Green, turquoise, 556 M, 3252 M	R1	0.15 × 0.4	0.96
42668	L/-4, 17517	Off-centre perforation. The glaze is pitted but well preserved and shiny.	White (no equivalent)	R2	0.16 × 0.45	1.87
42669	G/-2, 17598	Flat. The glaze is well preserved and shiny.	White (no equivalent)	R3	0.14 × 0.4	1.5
42670	I/-2 N, 17507	The glaze is slightly weathered and dull. The aperture is fairly wide.	Turquoise, 3252 M	R3	0.17 × 0.49	1.89
42731	H/-5, 17702	The glaze is well preserved and shiny.	Dark turquoise, 301 M	R4	0.12 × 0.18	0.91
42737	H/-5, 17519	The edges are slightly flattened. The glaze is intact but dull.	Light turquoise, 319 M	R4	0.09 × 0.2	0.96
42738	I/-2 N, 17507	Flat ring bead with a wide aperture. The glaze is dull.	Turquoise, 320 M	R4	0.07 × 0.24	1.16
42740i	K/-5, 17554	Fairly well preserved with a small amount of glaze from another bead on its edge.	Pale greyish-green, 625 M	R4	0.1 × 0.23	0.85
42740ii	K/-5, 17554	Fairly well preserved.	Pale greyish-green, 625 M	R4	0.12 × 0.22	0.85
42741	J/-3, 17541	Slightly weathered but shiny.	Blue, 647 M	R1	0.15 × 0.34	1.52
42742i	J/-5, 17515	Well preserved with a slightly dull glaze. ‘Stick marks’ on one face.	Dark turquoise, 315 M	R4	0.1 × 0.21	1.11
42742ii	J/-5, 17515	Well preserved with a slightly dull glaze.	Dark turquoise, 315 M	R4	0.1 × 0.2	0.98

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42743	I/-2 N, 17507	Fairly weathered and dull.	Dark turquoise, 308 M	R4	0.1 × 0.23	1
42744	I/-2, 17659	Small with well-preserved but dull glaze. Glassy appearance. Slightly damaged around one aperture.	Turquoise, 3135 M	R4	0.11 × 0.19	1.06
42745iv	J/-5, 17572	Glaze is intact.	Dark blue, 303 M	R4	0.09 × 0.17	0.95
42745ix	J/-5, 17572	Glaze is intact.	Light violet-blue, 7451 M	R4	0.08 × 0.16	0.95
42745v	J/-5, 17572	Glaze is intact.	Dark blue, 303 M	R4	0.09 × 0.17	0.95
42745vi	J/-5, 17572	Glaze is intact.	Dark blue, 303 M	R4	0.09 × 0.17	0.95
42745vii	J/-5, 17572	Glaze is intact.	Dark blue, 303 M	R4	0.09 × 0.17	0.95
42745viii	J/-5, 17572	Glaze is intact.	Dark blue, 303 M	R4	0.09 × 0.17	0.95
42746	K/-5, 17554	Fragmented, 80% preserved. The glaze is weathered.	Blue, 646 M	R4	0.09 × 0.22	0.88
42747	K/-5, 17554	Well preserved, shiny and glassy. Irregularly shaped with a very thin part.	White (no equivalent)	R4	0.06 × 0.2	1.06
42748	I/-2 N, 17507	The glaze is slightly dull and pitted.	Dark turquoise, 634 M	R4	0.08 × 0.24	0.98
42749	K/-5, 17614	Small and flat. The glaze is slightly weathered and dull.	Yellow, 1365 M	R4	0.05 × 0.22	0.76
42751	K/-5, 17554	Fairly well preserved with a shiny glaze and a white patina. The edges are flattened (rectangular in section).	Blueish-grey with white patina, 7543 M	R4	0.1 × 0.18	0.83
42752	J/-5, 17515	Slightly weathered and glassy.	Dark blue, 2945 M	R4	0.08 × 0.2	0.89
42753	J/-5, 17572	Small and evenly shaped with flat sides and slightly flattened edges. The glaze is well preserved and slightly shiny.	Mid blue, 652 M	R4	0.07 × 0.22	0.96
42754	J/-5, 17572	Slightly weathered. Flat edges (rectangular in section).	Dark turquoise, 308 M	R4	0.09 × 0.19	1.06
42756	J/-5, 17624	The glaze is intact and shiny.	Dark blue, 2955 M	R4	1.09 × 0.21	0.82
42757	K/-5, 17554	Small and thin. Glassy and slightly dull.	Dark blue, 302 M	R4	0.07 × 0.18	0.94
42759	J/-5, 17624	Slightly flattened edges and protruding apertures. Very weathered.	Yellow, 1355 M	R4	0.12 × 0.21	1.16
42761	H/-2, 17565	Evenly shaped with flat edges and sides (rectangular in section). The glaze is well preserved and shiny.	Yellow, 136 M	R4	0.11 × 0.21	0.96
42762	I/-2 N, 17506	Slightly weathered with flattened sides.	Turquoise, 313 M	R4	0.14 × 0.24	0.81
42764	I/-2, 17507	Well preserved and shiny.	Dark blue, 2955 M	R4	0.1 × 0.19	1.11
42765	H/-5, 17702	Very small with a dull, weathered surface.	Turquoise, 3275 M	R4	0.1 × 0.15	0.71
42766	L/-3, 17512	Slightly damaged on one edge. The glaze is dull.	Dark turquoise, 316 M	R4	0.13 × 0.22	1.02
42767	J/-5, 17624	Small and fairly long. The glaze is intact and shiny.	Red, 188 M	R4	0.17 × 0.18	0.76
42869	K/-2, 17577	Very evenly shaped with a slightly dull surface.	Turquoise, 313 M	R4	0.08 × 0.23	0.8
42870	J/-5, 17624	Small, evenly shaped with flat sides and edges (rectangular in section). The aperture on one side is protruding. The glaze is weathered and dull.	Turquoise, 3252 M	R4	0.1 × 0.17	0.89
42871	K/-5, 17554	Very small. The glaze is intact but dull.	Blue, 292 M	R4	0.12 × 0.15	0.67
42872	K/-5, 17516	The glaze is intact and shiny.	Yellow, 130 M	R4	0.07 × 0.22	0.9
42873	L/-5, 17518	Very evenly shaped with a well-preserved, shiny glaze.	Dark blue, 660 M	R4	0.09 × 0.19	0.92
42874	L/-4, 17517	Small with a fairly weathered and patinated surface.	Turquoise, 3135 M	R4	0.12 × 0.17	0.8
42875	K/-5, 17554	Well preserved with a slightly shiny glaze. The edges are flattened (rectangular in section).	Yellow, 136 M	R4	0.1 × 0.21	1.17
42876	L/-3, 17576	The edges are slightly flattened (rectangular in section). The glaze is intact but dull.	Turquoise, 312 M	R4	0.12 × 0.24	1.25
42877i	J/-5, 17572	The glaze is well preserved and shiny.	Dark blue, 653 M	R4	0.1 × 0.2	0.8
42877ii	J/-5, 17572	The glaze is well preserved and shiny. A fragment of another bead is fused to its edge.	Dark blue, 653 M	R4	0.1 × 0.2	1.05
42879	I/-3 / J/-3, 17715	The glaze is well preserved but dull. Glassy.	Dark turquoise, 314 M	R4	0.09 × 0.16	0.87
42880	L/-5, 17544	Very evenly shaped with slightly flattened edges. The glaze is dull.	Pale blue, 646 M	R4	0.11 × 0.19	1.04
42881	I/-3 / J/-3, 17633	Small and thin. Glassy and slightly dull.	Turquoise, 7460 M	R4	0.08 × 0.18	0.95
42882i	J/-5, 17572	The aperture is protruding slightly on one side. The edges are slightly flattened. The glaze is intact and shiny.	Red, 1815 M	R4	0.1 × 0.17	0.85

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42882ii	J/-5, 17572	Flattened edges and faces (rectangular in section). The glaze is intact and shiny.	Red, 1815 M	R4	0.09 × 0.21	1.06
42883	J/-2, 17534	The glaze is intact and slightly shiny.	Yellow, 135 M	R4	0.1 × 0.19	1
42884i	J/-5, 17572	Intact with a small amount of glaze from another bead stuck to one edge. The surface is well preserved and slightly shiny.	Dark blue, 2955 M	R4	0.1 × 0.22	1.07
42884ii	J/-5, 17572	Fragmented, with c.75% preserved. It is very thin with a relatively wide aperture, very similar to the other bead fragment with the same object number. The surface is slightly weathered but shiny.	Dark turquoise, 7469 M	R4	0.07 × 0.21	1
42884iii	J/-5, 17572	Fragmented, with c.45% preserved. It is very thin with a relatively wide aperture, very similar to the other bead fragment with the same object number. The surface is slightly weathered but shiny.	Dark turquoise, 7469 M	R4	0.07 × N/A	N/A
42885	J/-5, 17572	Evenly shaped. The glaze is well preserved and shiny.	Dark blue, 294 M	R4	0.1 × 0.23	0.94
42886i	J/-5, 17515	The glaze is weathered and dull. Thin and fairly flat.	Dark blue, 303 M	R4	0.1 × 0.21	1.11
42886ii	J/-5, 17515	The glaze is weathered and dull. Aperture protruding slightly on one side.	Dark turquoise, 7469 M	R4	0.12 × 0.21	0.89
42887i	J/-5, 17515	Well preserved, slightly shiny and glassy.	Turquoise, 307 M	R4	0.07 × 0.2	0.95
42887ii	J/-5, 17515	Well preserved, slightly shiny and glassy.	Turquoise, 307 M	R4	0.07 × 0.2	1.15
42888i	J/-5, 17572	Small with the imprint of another bead on its edge. Very weathered.	White (no equivalent)	R4	0.11 × 0.18	0.5
42888ii	J/-5, 17572	Small with the imprint of another bead on its edge. The glaze is intact but dull.	White (no equivalent)	R4	0.09 × 0.21	0.74
42932	J/-5, 17572	Unevenly shaped. The glaze is well preserved and glassy.	Dark blue, 2955 M	R4	0.06 × 0.24	0.75
42933i	J/-5, 17624	Small, with intact but dull glaze.	White (no equivalent)	R4	0.09 × 0.17	0.95
42933ii	J/-5, 17624	Small, with intact but dull glaze.	White (no equivalent)	R4	0.07 × 0.19	0.9
42935i	J/-5, 17624	Small and evenly shaped. The glaze is intact and slightly shiny. Small ‘stick marks’ on one side.	Dark blue, 7468 M	R4	0.09 × 0.18	0.53
42935ii	J/-5, 17624	The glaze is intact but dull. Small ‘stick marks’ on one side.	Dark blue, 547 M	R4	0.08 × 0.2	0.78
42935iii	J/-5, 17624	Very small. The glaze is intact and well preserved.	Dark blue, 647 M	R4	0.09 × 0.16	0.52
42935iv	J/-5, 17624	Thin and flattened. Well preserved, slightly dull and glassy.	Turquoise, 314 M	R4	0.09 × 0.18	0.95
42936	K/-5, 17614	Well preserved. The glaze is slightly shiny.	Dark blue, 7462 M	R4	0.11 × 0.18	1
42937	K/-5, 17555	Very evenly shaped, with flat sides and edges (rectangular in section). The glaze is intact but mostly dull and discolored.	Turquoise, 320 M	R4	0.09 × 0.2	1.04
42938	K/-5, 17554	Weathered with a white patina.	Turquoise, 3135 M	R4	0.09 × 0.18	0.68
42940i	J/-5, 17515	The glaze is weathered and dull.	Dark turquoise, 3145 M	R4	0.09 × 0.19	0.78
42940ii	J/-5, 17515	The glaze is weathered and dull.	Dark turquoise, 3145 M	R4	0.09 × 0.19	0.78
43057	J/-4, 15679	Glaze intact, dull.	Mid blue, 652 M	R4	0.9 × 0.24	0.94
43059	J/-4, 15679	The glaze is intact, shiny and glassy.	Dark turquoise, 301 M	R4	0.1 × 0.21	0.18
43060	J/-4, 15679	The glaze is almost intact but dull.	Mid blue, 279 M–285 M	R4	0.07 × 0.18	0.58
43061	J/-4, 15679	Edge broken, shiny.	Dark blue, 653 M	R4	0.09 × 0.2	0.27
43062	K/-4, 15687	Glaze intact, dull.	Dark blue, 647 M	R4	0.09 × 0.19	0.88
43063	K/-4, 15687	Ring bead, glaze intact, shiny.	Dark blue, 295 M–2955 M	R4	0.06 × 0.21	0.33
43064	K/-4, 15687	The glaze is intact but dull.	Dark blue, 302 M–303 M	R4	0.1 × 0.19	0.69
43067	K/-4, 15664	Very small ring bead. The glaze is intact and glassy but dull.	Dark turquoise, 633 M–634 M	R4	0.09 × 0.18	0.3
43068	G/-4, 15667	Glaze intact, shiny.	White (no equivalent)	R4	0.1 × 0.24	1.08
43072	H/-4, 15656	Glaze intact, shiny.	Dark blue, 541 M	R4	0.09 × 0.21	0.62
43073	K/-4, 15687	Slightly flattened, very thin. Glaze intact, somewhat shiny.	White (no equivalent)	R4	0.1 × 0.23	1.09
43075	K/-4, 15664	The glaze is shiny and mostly intact. On one side the glaze is partly missing, with tiny ‘stick marks’. Rectangular in section.	Mid-blue, 647 M	R4	0.1 × 0.21	0.83
43718i	K/-5, 17554	Weathered glaze.	Grey-green, 7475 M	R4	0.1 × 0.22	0.8
43718ii	K/-5, 17554	Weathered glaze.	Blue, 285 M	R4	0.08 × 0.17	0.8
43718iii	K/-5, 17554	Weathered glaze with some ‘stick marks’.	Blue, 285 M	R4	0.08 × 0.17	0.8

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
43719	J/-5, 17515	Yellow ring bead. The glaze is well preserved and shiny.	Yellow, 1235 M	R4	0.1 × 0.16	0.87

c) Segmented beads (n.w.d.=not well-defined, w.d.=well-defined)

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
40773	G/-4, 15655	N.w.d. Broken in half along the perforation. Glaze is largely shiny and pitted in places. Bead appears glassy throughout.	Dark blue, 2935 M	S4 (3 segs)	L=0.27 × W=0.13 × T=0.65	N/A
40802	G/-4, 15667	Fragment of a segmented bead. At least three segments (n.w.d.), with one segment broken off. Broken in half along the perforation. The glaze is weathered.	Dark green, 3292 M	S3 (3+ segs)	L=0.25 × W=0.2 × T=0.1	N/A
42135	G/-4, 15655	Fairly w.d. Glaze is intact and shiny, with patches of ‘stick marks’ on the surface.	Dark blue, 653 M	S1 (3 segs)	0.26 × 0.18	0.94
42136	J/-4, 15679	N.w.d. Glaze is intact and shiny.	Yellow, 141 M	S3 (3 segs)	0.36 × 0.15	0.79
42138	K/-4, 15664	N.w.d. Glaze is intact and shiny, with ‘stick marks’ on one surface.	Dark turquoise, 315 M	S3 (2 segs)	0.17 × 0.16	0.76
42139	K/-4, 15664	N.w.d. Lip around one aperture, making it uneven. Glaze is shiny, but appears mottled from weathering. ‘Stick marks’ on one surface.	Dark blue, 653 M	S3 (3 segs)	0.5 × 0.17	0.58
42140	I/-5, 15750	W.d. One segment slightly smaller than the other. Glaze is intact and shiny.	Dark blue, 303 M	S1 (2 segs)	0.24 × 0.17	0.89
42141	J/-4, 15662	W.d. Glaze is intact and shiny.	Yellow, 135 M	S1 (2 segs)	0.29 × 0.2	1
42142	K/-4, 15687	N.w.d. Glaze is intact and shiny, small ‘stick marks’ along one side.	Pale turquoise, 331 M–441 M	S1 (3 segs)	0.37 × 0.17	0.73
42143	J/-4, 15704	W.d. Segments are rounded. Glaze is intact and dull.	Turquoise, 7458 M	S1 (2 segs)	0.18 × 0.19	0.53
42144	K/-4, 15664	W.d. One segment more rounded and smaller than the other. Glaze is dull and missing in places.	Mid blue, 549 M	S1 (2 segs)	0.25 × 0.26	0.82
42145	K/-4, 15673	W.d. Segments are rounded and glaze is intact and shiny.	Dark blue, 647 M	S1 (2 segs)	0.26 × 0.21	0.93
42146	K/-4, 15674	W.d. Glaze is largely intact and shiny.	Dark blue, 646 M	S1 (2 segs)	0.2 × 0.22	1
42147	K/-4, 15687	W.d. Glaze missing from part of one segment.	Dark blue, 2945 M	S1 (2 segs)	0.24 × 0.2	0.84
42149	G/-4, 15655	N.w.d., line barely discernible. Glaze is shiny and intact, with ‘stick marks’ on one surface.	Dark blue, 2945 M	S4 (2 segs)	0.23 × 0.18	0.65
42150	I/-3, 15638	N.w.d. At least four segments, one broken off. Bead appears glassy. Glaze is intact, but appears dull along one edge.	Turquoise, 310 M	S3 (4 segs)	0.73 × 0.21	1.12
42151	J/-4, 15679	N.w.d., line barely visible. Glaze is intact and shiny.	Dark blue, 653 M	S4 (2 segs)	0.19 × 0.19	0.91
42152	K/-4, 15664	N.w.d., segments almost fused together. Glaze is shiny, with ‘stick marks’ along one long edge.	Light turquoise, 297 M	S3 (8 segs)	0.9 × 0.24	0.1
42166	G/-3, 15658	W.d., one larger than the other. Glaze is dull, patch missing along long perforation.	Turquoise, 314 M	S1 (2 segs)	0.21 × 0.18	0.94
42198	J/-4, 15710	W.d. Glaze is intact and largely shiny.	Dark blue, 301 M	S1 (2 segs)	0.19 × 0.2	0.9
42199	K/-4, 15628	W.d. One segment is slightly larger than the other. Glaze is intact and shiny, some ‘stick marks’ on one segment.	Yellow, 135 M	S1 (2 segs)	0.24 × 0.18	1
42200	K/-4, 15629	W.d. Glaze is dull and missing around one aperture.	Mid blue, 7454 M	S1 (2 segs)	0.24 × 0.23	0.78
42207	K/-4, 15687	N.w.d., line between segments is barely visible. Glaze is very shiny and intact. ‘Stick marks’ on one surface.	Dark blue, 661 M	S4 (2 segs)	0.18 × 0.21	0.6
42264	K/-4, 15673	One segment has broken in half. Glaze is partially dull and partly shiny and missing from the face of the complete bead where the other one has broken off.	Dark blue, 646 M	S1? (2 segs)	0.23 × 0.21	1
42279	H/-3, 15649	W.d. Glaze is slightly weathered and dull.	Dark blue, 646 M	S1 (2 segs)	0.22 × 0.2	0.91
42280	I/-4 / J/-4, 15759	W.d., one segment larger than the other. Glaze is shiny and intact. Some ‘stick marks’ on both beads.	Dark blue, 549 M	S1 (2 segs)	0.2 × 0.18	0.78
42281	I/-5, 15753	W.d. Glaze intact and dull.	Mid blue, 647 M–653 M	S1 (2 segs)	0.21 × 0.18	0.88
42288	H/-4, 15656	W.d. Third segment thinner than others. Glaze intact and shiny.	White (no equivalent)	S1 (3 segs)	0.32 × 0.21	1
42289	J/-4, 15704	W.d. Glaze is shiny and intact.	Dark blue, 654 M	S1 (3 segs)	0.34 × 0.19	0.63
42308	K/-4, 15779	W.d. One segment larger than the other. Glaze largely intact and shiny.	Dark blue, 2211 M	S1 (2 segs)	0.24 × 0.2	0.95
42312	H/-4, 15778	W.d. Glaze is intact and shiny. ‘Stick marks’ on surface.	Dark blue, 542 M	S1 (3 segs)	0.34 × 2	0.88
42313	I/-4, 15778	W.d. Glaze intact and dull.	Mid blue, 652 M	S1 (2 segs)	0.2 × 0.19	0.83
42327	H/-4, 15782	Fairly w.d. Glaze is shiny, ‘stick marks’ on one surface.	Dark turquoise, 7469 M	S1 (2 segs)	0.19 × 0.18	0.74
42332	H/-4, 15789	W.d. Glaze is intact and dull.	Turquoise, 646 M	S1 (2 segs)	0.22 × 0.2	1
42340	G/-3, 15650	W.d. Convex. Glaze is dull.	Turquoise, 299 M	S1 (3 segs)	0.24 × 0.16	0.69
42348	I/-3, 15694	W.d., one segment is larger than the other. Glaze is intact and dull.	Dark turquoise, 301 M	S1 (2 segs)	0.23 × 0.16	0.72

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42351	G/-3, 15658	W.d. Glaze is shiny with one strip missing along the perforation.	Dark blue, 653 M	S1 (2 segs)	W=0.1 × diam.=0.18	0.92
42352	G/-4, 15667	W.d., one segment larger than the other and both are convex. Glaze is shiny and intact.	Dark blue, 653 M	S1 (2 segs)	0.21 × 0.19	0.77
42353	G/-4, 15667	W.d., one segment larger than the other. Glaze is shiny and intact, with some ‘stick marks’ along one long side.	Mid blue, 646 M	S1 (2 segs)	0.25 × 0.2	0.83
42354	H/-4, 15620	W.d. Glaze is shiny, but missing around one aperture where there is a crack through one segment. Slight rim around one aperture.	Dark blue, 647 M	S1 (2 segs)	0.23 × 0.21	0.45
42355	H/-4, 15646	W.d. Glaze is dull and intact.	Dark blue, 661 M	S1 (2 segs)	0.22 × 0.23	1.05
42356	H/-4, 15646	W.d., one segment thinner than the other. Glaze is dull and the core is partially exposed.	Light blue, 299 M	S1 (2 segs)	0.23 × 0.23	0.66
42357	H/-4, 15646	W.d. Glaze is intact and slightly shiny. Some ‘stick marks’ along one long side. Glassy appearance.	Turquoise, 7460 M	S1 (5 segs)	0.72 × 0.44	3.13
42358	H/-4, 15646	W.d. One segment is slightly larger than the other. Glaze is intact and shiny.	White (no equivalent)	S1 (2 segs)	0.24 × 0.18	0.84
42359	H/-4, 15646	W.d. Surface is dull. Slight rim around one aperture. Core exposed around apertures.	Turquoise, 299 M	S1 (2 segs)	0.27 × 0.25	1
42360	H/-4, 15656	W.d. Glaze is intact and shiny.	Dark red, 491 M	S1 (2 segs)	0.23 × 0.21	0.89
42361	J/-4, 15679	W.d. Glaze is mainly dull and intact.	Dark blue, 646 M	S1 (2 segs)	0.25 × 0.17	0.7
42362	J/-4, 15679	W.d. Glaze is largely shiny and intact.	Dark blue, 653 M	S1 (2 segs)	0.22 × 0.18	0.64
42363	J/-4, 15679	W.d. Glaze is intact and shiny. Slight rim around one aperture.	Dark red, 492 M	S1 (2 segs)	0.19 × 0.2	0.57
42364	K/-4, 15664	W.d., rounded. Glaze dull and largely intact; some ‘stick marks’ on the surface on one segment.	Mid blue, 293 M	S1 (2 segs)	0.23 × 0.17	0.72
42365	K/-4, 15664	W.d. Glaze is shiny, one segment larger than the other.	Dark blue, 2965 M	S1 (2 segs)	0.26 × 0.17	0.53
42366	K/-4, 15664	W.d., convex. Glaze is dull and missing in places.	Turquoise, 299 M	S1 (2 segs)	0.22 × 0.18	0.82
42367	K/-4, 15664	W.d., convex, one segment larger than the other. Glaze is missing from one section and is largely shiny.	Turquoise, 640 M	S1 (2 segs)	0.22 × 0.17	0.64
42368	K/-4, 15664	W.d., convex surface. Glaze is shiny and intact, with ‘stick marks’ on the surface, along the aperture.	Dark blue, 653 M	S1 (2 segs)	0.23 × 0.18	0.57
42369	K/-4, 15664	W.d., rounded. Glaze is intact and dull.	Dark turquoise, 7476 M	S1 (3 segs)	0.31 × 0.23	0.9
42370	I/-5, 15753	Fairly w.d. Glaze is intact and dull. Small patch of glaze (from other bead?) adhering to surface.	Mid blue, 7454 M	S1 (2 segs)	0.19 × 0.2	1
42371	K/-4, 15673	W.d. Glaze is dull and missing along one edge.	Light green, 558 M	S1 (2 segs)	0.25 × 0.19	0.84
42372	K/-4, 15673	W.d. Surface is dull.	Dark blue, 302 M	S1 (3 segs)	0.39 × 0.19	0.69
42373	K/-4, 15673	W.d. Glaze is dull and intact.	Blue, 646 M	S1 (3 segs)	0.37 × 0.21	1.1
42374	K/-4, 15687	W.d. One is slightly larger than the other. Glaze is shiny, but missing from one long side. ‘Stick marks’ on one surface.	Turquoise, 313 M	S1 (2 segs)	L=0.25 × W=0.1 × diam.=0.16	0.78
42375	K/-4, 15687	W.d. Glaze is dull and missing from one long side. Wedge-shaped break at one aperture.	Turquoise, 639 M	S1 (2 segs)	0.19 × 0.16	0.77
42376	K/-4, 15687	Fairly w.d. One segment is larger than the other. Glaze is shiny and missing on one side along aperture.	Turquoise, 312 M	S1 (2 segs)	0.19 × 0.16	0.9
42377	K/-4, 15687	W.d. Segments join at an angle. Glaze is intact and dull.	Turquoise, 7460 M	S1 (2 segs)	0.2 × 0.2	0.63
42400	K/-4, 15673	One segment/ring has broken in half. Glaze is shiny. Small ‘stick mark’ on the face of the complete bead where the other one has broken off. Slight rim around one aperture.	White (no equivalent)	S1? (2 segs)	0.21 × 0.18	0.9
42428	H/-4, 15656	W.d. Glaze is shiny and missing along one side.	Turquoise, 326 M	S1 (2 segs)	0.15 × 0.18	0.76
42499	J/-2 N, 17534	W.d. Glaze is largely dull and intact.	Turquoise, 7458 M	S1 (2 segs)	0.24 × 0.21	0.83
42500	K/-2, 17595	Fairly w.d. Beads aligned at a slight angle. Glaze is largely shiny, but weathered and discolored.	Turquoise, 314 M	S4 (2 segs)	0.2 × 0.2	1
42501	G/-4, 17513	W.d. Rectangular section. Glaze is dull and only partially preserved.	Light turquoise, 630 M	S1 (2 segs)	0.23 × 0.23	1.1
42502	K/-5, 17554	W.d. One bead larger than the other. Glaze is intact and dull.	Greenish blue, 5493 M	S1 (2 segs)	0.19 × 1.8	0.86
42503	Spoil	Fairly w.d. One segment larger than the other. Glaze is intact and largely shiny.	Mid blue, 2935 M	S1 (2 segs)	0.22 × 0.18	0.72
42504	J/-5, 17572	N.w.d. Glaze is intact and dull. Broken during study – one bead detached and now in small pieces.	White (no equivalent)	S3 (2 segs)	0.17 × 0.19	1
42506	L/-3, 17573	W.d. One slightly larger than the other. Rectangular section. Glaze is dull and only partially preserved.	Turquoise, 632 M	S1 (2 segs)	0.3 × 0.25	0.73
42507	K/-2, 17577	W.d. Glaze is shiny where intact, but portion missing from one surface. Rectangular section.	Turquoise, 632 M	S1 (2 segs)	0.29 × 0.24	1
42508	G/-2, 17598	W.d. and rounded. Glaze is intact and shiny, with ‘stick marks’ on one surface.	Turquoise, 640 M	S1 (2 segs)	0.34 × 0.27	1
42509	G/-3, 17501	W.d. Glassy. Glaze is dull and intact, with small ‘stick marks’ on one surface.	Turquoise, 307 M	S2 (2 segs)	0.18 × 0.19	0.62
42510	L/-3, 17576	W.d. One bead slightly wider. Portion of glaze missing where bead rested; otherwise dull.	Turquoise, 631 M	S1 (2 segs)	0.27 × 0.25	1.14

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42511	J/-2, 17508	N.w.d. Glaze is intact and shiny. ‘Stick marks’ on one surface.	Dark blue, 301 M	S2 (2 segs)	0.3 × 0.18	0.6
42512	J/-5, 17515	W.d. Glaze is weathered and dull.	Mid blue, 7458 M ?	S1 (2 segs)	0.24 × 0.2	0.9
42513	K/-5, 17516	W.d. Glaze is intact and shiny.	Light yellow, 128 M	S1 (2 segs)	0.2 × 0.21	1
42514	L/-3, 17576	W.d. One segment slightly smaller than the other. Glaze is intact and dull. Slight rim around one aperture. Rectangular section.	Light turquoise, 318 M	S1 (2 segs)	0.26 × 0.27	0.94
42515	L/-3, 17576	W.d. One bead is slightly thinner than the other. Glaze is dull and portion missing where the bead rested to dry. Rectangular section.	Turquoise, 638 M	S1 (2 segs)	0.26 × 0.22	0.93
42516	L/-3, 17512	W.d. One segment is smaller. Glaze is largely dull and missing along one edge, probably where the formed bead dried.	Turquoise, 325 M	S1 (2 segs)	0.26 × 0.23	1
42517	L/-3, 17576	W.d. Glaze intact and dull.	Turquoise, 630–631 M	S1 (2 segs)	0.23 × 0.21	1
42518	L/-3, 17576	W.d. One bead thicker than the other. Glaze is largely dull and missing in one part along the perforation, on which the bead rested while drying.	Turquoise, 3125 M	S1 (2 segs)	0.28 × 0.25	1.1
42519	J/-5, 17624	W.d. Glaze intact and shiny.	Dark red, 484 M	S1 (2 segs)	0.24 × 0.19	0.8
42520	J/-5, 17624	W.d., rounded. Glaze intact and shiny. Small portion of glaze adhering to surface.	Yellow, 1354 M	S1 (2 segs)	0.29 × 0.18	0.65
42521	J/-5, 17515	W.d. Glaze is intact and shiny.	Dark blue, 653 M	S1 (2 segs)	0.22 × 0.19	0.87
42522	J/-5, 17572	N.w.d. Glassy. The surface is weathered and somewhat dull.	Pale violet-blue, 645 M	S4 (2 segs)	0.2 × 0.18	0.55
42523	G/-4, 17513	W.d. Rectangular section. Glaze is intact and dull.	Light green, 365 M	S1? (2 segs)	0.23 × 0.18	0.79
42524	J/-5, 17624	W.d. Glaze is dull and weathered. Tiny ‘stick marks’ on one surface of each bead.	Turquoise, 3125 M	S2 (2 segs)	0.2 × 0.18	0.89
42525	G/-4, 17721	W.d. Glaze is shiny and intact. ‘Stick marks’ on one surface.	Dark blue, 646 M	S1 (2 segs)	0.25 × 0.22	0.88
42526	J/-5, 17515	W.d. Bead broken along perforation, c.33% preserved. Glassy throughout; breaks do not show faience core but glassy interior. Segments meet at a slight angle. Glaze is shiny.	Turquoise, 313 M	S1 (2 segs)	0.2 × N/A	
42527	J/-5, 17515	W.d. Glaze is shiny and intact. ‘Stick marks’ on one surface.	Turquoise, 7461 M	S1 (2 segs)	0.22 × 0.18	0.88
42528	I/-2, 17670	N.w.d. Glaze is intact and dull.	Dark turquoise, 308 M	S3 (2 segs)	0.25 × 0.18	0.7
42529	G/-4, 17513	W.d. Glaze is intact and shiny.	Turquoise, 7459 M	S2 (2 segs)	0.18 × 0.19	1
42550	K/-5, 17614	N.w.d. Glassy. Glaze is shiny although weathered. Portion broken off along one aperture.	Mid blue, 3005 M	S3 (3 segs)	0.32 × 0.16	0.88
42551	I/-2 N, 17507	W.d. Glaze is largely dull and weathered with ‘stick marks’ on two opposite surfaces. Bead is slightly flattened and perforation is off-centre.	Turquoise, 299 M	S1 (3 segs)	0.31 × 0.22	0.77
42552	L/-3, 17576	W.d. Glaze is dull and missing on two opposite sides, probably where touching other beads. Aperture is slightly off-centre.	Turquoise, 630–631 M	S2 (3 segs)	0.38 × 0.27	0.92
42553	L/-5, 17518	W.d. Glaze is intact and largely shiny with a tiny ‘stick mark’ on one surface.	Turquoise, 7459 M	S1 (3 segs)	0.3 × 0.19	1.1
42554	J/-5, 17572	N.w.d. Glaze is shiny. ‘Stick marks’ on two opposite outer surfaces.	Dark blue, 7462–7463 M	S3 (3 segs)	0.36 × 0.18	0.83
42555	J/-3, 17537	W.d. Rectangular section. Glaze is intact and dull.	White (no equivalent)	S1 (3 segs)	0.36 × 0.21	0.87
42557	K/-5, 17614	N.w.d. Lines are barely visible. Overall cylindrical shape. Glaze is intact and shiny.	Dark blue, 302 M	S4 (3 segs)	0.29 × 0.2	1.1
42558	J/-2, 17732	W.d. Glaze is intact and shiny, with ‘stick marks’ on two sides.	Dark red, 492 M	S1 (3 segs)	0.32 × 0.18	0.68
42559	K/-2, 17595	W.d. One segment is slightly smaller. Glaze is shiny and missing along one side.	Turquoise, 632–633 M	S1 (3 segs)	0.43 × 0.24	1.1
42560	K/-2, 17595	About 50% of a segmented bead: three segments preserved, n.w.d. Broken along perforation and through one segment, so bead may have been longer. Glaze is heavily weathered and appears discolored and grainy. ‘Stick marks’ in one place. Largely dull.	Dark turquoise, 634 M	S3 (3 segs)	L=0.75 × T=0.22 × diam.=0.5	1.5
42561	J/-5, 17515	W.d. Glaze is intact and largely shiny.	Dark red, 492 M	S1 (3 segs)	0.36 × 0.21	1
42562	L/-3, 17576	W.d. Slight rim around both apertures. Glaze is dull and intact.	Light turquoise, 318 M	S1 (3 segs)	0.4 × 0.24	1.1
42563	J/-5, 17572	W.d. One segment is much thinner than the others. Glaze is intact, but weathered and iridescent/dull.	Pale violet-blue, 644 M	S1 (3 segs)	0.3 × 0.19	0.79
42564	K/-2, 17577	W.d. Slightly thinner and rounded beads. Glaze is shiny where preserved. ‘Stick marks’ on all three beads on one side, and glaze missing from one bead on other side.	Turquoise, 314–315 M	S1/S2 (3 segs)	0.43 × 0.3	1.2
42565	K/-5, 17555	W.d. Glaze is intact and dull, with very faint ‘stick marks’ on the surface.	Yellow, 134 M	S1–2 (3 segs)	0.34 × 0.17	0.89
42566	G/-4, 17721	W.d. Glaze is dull and missing in places. Slight rim around one aperture.	Turquoise, 7472 M	S1 (3 segs)	0.32 × 0.2	0.92
42567	L/-3, 17576	W.d., slight variations in segment size. Rounded. Glaze is largely dull and intact. Some ‘stick marks’ on one surface along long side.	Turquoise, 632 M	S1 (4 segs)	0.59 × 0.27	1.1
42568	K/-2, 17577	W.d. Glaze is intact and shiny. Glassy appearance with one hole where a bubble may have developed between two segments.	Dark turquoise, 633 M	S1 (4 segs)	0.59 × 0.22	1.16
42569	K/-2, 17577	N.w.d. Further segment(s) may have broken off: irregular rim visible around one aperture, although this may be a manufacturing error. Bead is slightly flat-tened. Glaze is weathered and discolored in parts, albeit shiny.	Turquoise, 630–631 M	S3 (4 segs)	0.66 × 0.21–0.25	1.1

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42570	H/-2, 17564	Fairly w.d., irregular beads. Glaze is dull and intact with some ‘stick marks’ on one surface.	Dark blue, 653 M	S1 (4 segs)	0.51 × 0.17	0.62
42572	K/-2, 17699	W.d. One segment wider than the others, the one next to it thinner. Glaze is largely intact and shiny, with ‘stick marks’ on one surface.	Turquoise, 639 M	S1 (5 segs)	0.69 × 0.43	1.9
42580	L/-3, 17576	W.d. Tapered towards one end (diameter of segments decreases). Glaze is weathered and largely dull. Small ‘stick marks’ on one surface.	Turquoise, 311 M ?	S1 (7 segs)	0.89 × 0.22–0.25	1.2
42678	H/-5, 17702	N.w.d. Glaze is largely intact and dull, and shiny along one surface.	Dark turquoise, 3025 M	S4 (2 segs)	0.23 × 0.23	0.89
42684	G/-5, 17728	W.d. Glaze is intact and somewhat shiny.	Dark turquoise, 301 M	S1 (2 segs)	0.24 × 0.2	0.88
42685	H/-5, 17702	W.d., somewhat large. Almost rectangular in section. Glaze is largely weathered and dull, and core is exposed along two surfaces, where the glaze did not develop.	Turquoise, 639 M	S1 (2 segs)	0.46 × 0.5	2.2
42686	G/-3?, 17750	Two segments, not w.d. Glaze is intact and dull.	Pale violet-blue, 645 M	S3 (2 segs)	0.28 × 0.21	1
42687	H/-5, 17702	N.w.d. Glassy, with shiny, although weathered glaze. ‘Stick mark’ on one face.	Dark blue, 7462 M	S3 (2 segs)	0.17 × 0.17	0.82
42688	J/-5, 17572	W.d. and rounded. ‘Stick marks’ around one perforation. Glaze is otherwise intact and dull.	Dark turquoise, 7469 M	S1 (2 segs)	0.22 × 0.18	0.88
42689	J/-5, 17572	N.w.d. Glaze is intact and somewhat dull.	Dark turquoise, 314 M	S3 (2 segs)	0.25 × 0.2	0.9
42690	J/-5, 17515	W.d. Beads join at a slight angle. Glaze is intact, albeit somewhat dull in places.	Turquoise, 7461 M	S1 (2 segs)	0.23 × 0.19	0.86
42711	L/-2, 17710	Two segments, somewhat large, fashioned into a flattened cylinder bead (CY3/4). One segment is thinner than the other. Object is glassy and the segments have fused in one location. Core is exposed on other face.	Dark turquoise, 633 M	S2 (2 segs)/ CY3/4	L=0.31 × W=0.45 × T=0.35	1.2
42717	I/-2 N, 17659	Two segmented beads joined together to form a multiple-cylinder bead. The segments are w.d. The glaze is intact but dull.	Turquoise, 7461 M	S1 (2 segs), MC (2 beads)	L=0.2 × W=0.35 × T=0.18	0.89
42721	G/-4, 17513	N.w.d. Glaze is shiny. ‘Stick marks’ around apertures.	Dark blue, 2178 M	S4 (2 segs)	0.2 × 0.22	0.9
43066	J/-4, 15679	N.w.d. Glaze is intact and shiny, some ‘stick marks’ on outer surface.	Dark blue, 7468 M	S3 (2 segs)	0.21 × 0.19	0.73
43069	K/-5, 17554	W.d. One segment smaller than the other. Glaze is shiny and intact.	Dark blue, 653 M	S1 (2 segs)	0.22 × 0.2	0.09
43071	G/-3, 15658	Fairly w.d., slightly convex. Glaze is shiny. Wedge-shaped break at one aperture. Small ‘stick marks’ on one surface.	Dark blue, 653 M	S1 (2 segs)	0.72 × 0.19	0.92

d) Cylinder beads

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42287	I/-5, 15766	Weathered turquoise glaze.	Turquoise, 306 M	CY1	0.38 × 0.3	1.21
42311	K/-4, 15779	Intact, shiny glaze, uneven and pitted in places with some ‘stick marks’ on the outer edge.	Turquoise, 640 M	CY1	0.39 × 0.37	1.71
42328	H/-5, 15778	Heavily weathered, pitted glaze. Perforation slightly off-centre.	Dark blue, 3025 M	CY1	0.27 × 0.27	1
42338	G/-3, 15763	Fragment of a cylinder bead, less than 50% preserved. Broken in half with no original ends remaining. The glaze is shiny with some ‘stick marks’ on the surface.	Turquoise, 313 M	CY1	0.39 (preserved) × 0.25	N/A
42412	G/-4, 15667	The glaze is somewhat eroded and dull. Slightly flattened (oval section).	Light turquoise, 319 M	CY1	0.4 × 0.29	0.88
42413	H/-4, 15656	Very small with a shiny glaze. A small piece of the glaze of another bead is fused to one face.	Dark turquoise, 301 M	CY1	0.22 × 0.14	0.68
42414	L/-4, 15684	Slightly weathered. The apertures are slightly protruding on both faces.	Turquoise, 299 M	CY1	0.51 × 0.36	2.18
42415	G/-4, 15667	Part of the edge is slightly flat.	Dark blue, 2955 M	CY1	0.24 × 0.28	1.08
42675	G/-2, 17598	Slightly flattened with a weathered glaze.	Turquoise, 312 M	CY1	0.33 × 0.33	1.55
42676	H/-5, 17519	The glaze is well preserved and shiny. A tiny band of turquoise runs along the middle of the circumference.	Dark blue, 303 M	CY1	0.21 × 0.17	0.8
42677	J/-2, 17534	Glaze is well preserved and shiny. Square in section.	Yellow, 136 M	CY4	0.18 × 0.27	1.9
42679	K/-5, 17614	A very small fragment has broken off at the aperture. The glaze is weathered but still shiny.	Blue, 647 M	CY1	0.28 × 0.27	1.6
42680	K/-2, 17577	Less than 50% preserved. The glaze is slightly weathered but shiny.	Turquoise, 307 M	CY5	0.74 × N/A	N/A
42682	L/-3, 17573	The glaze is well preserved but dull. A fragment of another bead (probably a small light turquoise ring bead/R4) is inside the aperture.	Light turquoise, 319 M	CY4	0.25 × 0.28	1.86
42683	K/-2, 17577	Glaze is weathered and missing around the apertures.	Turquoise, 3135 M	CY4	0.26 × 0.39	1.64
43260	H/-4, 15646	Glaze is intact and shiny.	Dark blue, 287 M	CY1	0.35 × 0.39	1.15

e) Multiple-cylinder beads

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Width × Thickness (cm)	Perforation diameter (mm)
42175	No label	The glaze is slightly weathered and pitted.	Dark turquoise, 309 M	MC3 (3 beads)	0.77 × 0.25 × 0.26	1.21
42176	G/-3, 15650	Beads arranged in a straight line, but the sides are slightly angled. The glaze is weathered.	Dark blue, 2965 M	MC3 (3 beads)	0.74 × 0.27 × 0.25	1.06
42177	G/-3, 15650	Slightly flattened. The glaze is well preserved and shiny, but missing in some places.	Dark blue, 2965 M	MC3 (3 beads)	0.67 × 0.26 × 0.21	1.03
42178	G/-3, 15658	Irregularly formed and flattened. The glaze is shiny and well preserved, but missing in places.	Turquoise, 306 M	MC3 (3 beads)	0.81 × 0.31 × 0.29	1.2
42179	G/-4, 15609	Central bead is slightly larger than the other two. The glaze is weathered; on one side it is missing with the apertures protruding slightly.	Dark blue, 2965 M	MC3 (3 beads)	0.84 × 0.28 × 0.34	1.28
42180	G/-4, 15667	Central bead is slightly larger than the other two. The glaze is weathered; on one side it is missing. The apertures are protruding slightly.	Dark blue, 2767 M	MC3 (3 beads)	0.63 × 0.29 × 0.25	1.09
42181	G/-4, 15668	Glaze is very weathered. ‘Stick marks’ around part of the apertures on both sides.	Dark blue, 295 M	MC3 (3 beads)	0.75 × 0.2 × 0.29	1.19
42183	H/-4, 15646	One outer bead is smaller than the other two. The glaze is very weathered and missing in places.	Dark blue, 302 M	MC3 (3 beads)	0.72 × 0.28 × 0.25	1.04
42185	H/-4, 15657	The glaze is well preserved and shiny.	Dark turquoise, 3165 M	MC3 (3 beads)	0.72 × 0.27 × 0.25	1
42186	K/-4, 15673	Beads arranged in a slightly curved line. An indentation is visible across the surface of the beads on one side. The glaze is shiny and pitted.	Dark blue, 2767 M	MC3 (3 beads)	0.7 × 0.3 × 0.22	1.29
42187	G/-4, 15667	Small, shiny surface. Beads are the same size; one bead is slightly flattened.	Dark blue, 296 M	MC (2 beads)	0.51 × 0.26 × 0.26	0.78
42188	H/-3, 15608	One bead slightly larger and flattened. The glaze is well preserved but dull.	Dark blue, 2965 M	MC (2 beads)	0.51 × 0.27 × 0.27	1.16
42189	H/-4, 15607	Small, slightly weathered. One bead is flattened.	Dark blue, 302 M	MC (2 beads)	0.54 × 0.28 × 0.24	1.12
42190	H/-4, 15646	Small, one bead larger than the other one. The glaze is fairly well preserved and shiny.	Turquoise, 3115 M	MC (2 beads)	0.46 × 0.34 × 0.24	1.11
42191	H/-4, 15646	Small. Slightly weathered glaze. One bead is smaller; the other bead has flattened edges.	Dark blue, 3025 M	MC (2 beads)	0.43 × 0.28 × 0.22	0.81–1.29
42192	K/-4, 15664	The glaze is shiny and well preserved. One bead is larger and has an oval shape; the smaller bead has flattened edges and is rather square in section.	Dark blue, 2965 M	MC (2 beads)	0.54 × 0.27 × 0.25	1.19–1.33
42193	K/-4, 15687	One bead smaller than the other. Imprint of a third bead on the smaller bead. The glaze is well preserved and shiny.	Dark blue, 2767 M	MC3 (3 beads)	0.44 × 0.2 × 0.27	1–1.14
42194	G/-3, 15658	Two beads with a small fragment of a third one attached. The glaze is slightly weathered.	Dark blue, 3035 M	MC3 (3 beads)	0.48 × 0.23 × 0.2	0.68
42195	H/-3, 15649	One intact bead and one broken edge. The glaze is slightly weathered.	Dark blue, 2767 M	MC (2+ beads)	0.49 × 0.3 × 0.33	1.39
42196	H/-4, 15620	One intact bead and one broken edge. The glaze is dull and weathered.	Turquoise, 306 M	MC (2+ beads)	0.41 × 0.27 × 0.26	0.95
42204	K/-4, 15628	Beads arranged in a straight line. The glaze is weathered. The apertures are protruding slightly on one side.	Dark turquoise, 322 M	MC3 (3 beads)	0.73 × 0.25 × 0.22	1.1
42205	I/-3, 15694	Two beads with the imprint of a third bead. The beads are slightly flattened. The glaze is weathered.	Turquoise, 3252 M	MC3 (3 beads)	0.51 × 0.26 × 0.23	1.09
42241	J/-3, 15732	One intact bead and one broken (c.50% preserved). The bead was originally made up of two or more cylinder beads. The glaze is intact but fairly weathered.	Light turquoise, 319 M	MC (2+ beads)	0.4 (preserved) × 0.3 × 0.22	0.98
42290	G/-3, 15763	The glaze is well preserved and shiny. The glaze on one side did not develop, and the core is visible; this probably happened during production. One bead is flattened.	Dark blue, 3035 M	MC (2 beads)	0.55 × 0.25 × 0.25	1.23
42291	G/-3, 15763	Beads arranged in a straight line. The apertures are slightly protruding. The glaze is fairly well preserved and shiny, but missing around the apertures.	Dark blue, 2757 M	MC3 (3 beads)	0.79 × 0.28 × 0.28	1.16
42309	I/-4, 15774	The glaze is intact but dull. Very weathered.	Turquoise, 2995 M	MC (2 beads)	0.47 × 0.24 × 0.28	1.42
42323	L/-4, 15780	Beads in a straight line. The glaze is weathered.	Dark blue, 302 M	MC3 (3 beads)	0.61 × 0.23 × 0.22	0.72
42330	G/-3, 15763	Small. Weathered and slightly shiny.	Dark blue, 2965 M	MC (2 beads)	0.54 × 0.27 × 0.25	1.38
42331	H/-3, 15791	Two beads with the imprint of a third bead on the edge of the smaller bead. One bead is twice as large as the other. The glaze is weathered.	Turquoise, 3125 M	MC3 (3 beads)	0.64 × 0.29 × 0.29	1.22
42342	G/-3, 15800	The glaze is weathered. One bead is slightly smaller than the other.	Turquoise, 314 M	MC (2 beads)	0.53 × 0.24 × 0.27	1.08
42343	I/-3, 15694	Beads in a straight line, with one broken off (c.40% preserved). The beads are very evenly formed. The glaze is very weathered and dull.	Dark blue, 2965 M	MC3 (3 beads)	0.67 × 0.26 × 0.27	1.11
42349	I/-3, 15694	Beads in a straight line, one of which is broken in half. The glaze is fairly weathered and partly missing on the edge of the central bead. The glaze is dark blue speckled with turquoise.	Dark blue, turquoise, 303 M, 328 M	MC3 (3 beads)	0.7 × 0.25 × 0.25	1.3
42350	I/-3, 15914	Single bead, with a small imprint of a second bead on the edge. The glaze is weathered, dull and pitted.	Dark turquoise, 3145 M	MC (2 beads)	0.33 × 0.43 × 0.33	
42408	K/-4, 15628	Beads arranged in a straight line. The glaze is shiny but weathered and missing in several places.	Dark blue, 2965 M	MC3 (3 beads)	0.71 × 0.23 × 0.24	1.11
42410	G/-4, 15667	Small and weathered.	Turquoise, 2915 M	MC (2 beads)	0.58 × 0.26 × 0.29	1.37
42411	G/-3, 15800	Small, with one bead smaller than other. The glaze is fairly weathered.	Dark blue, 302 M	MC (2 beads)	0.48 × 0.26 × 0.27	1.09
42531	L/-2, 17711	The glaze is overall well preserved and shiny but weathered in some parts. One bead is slightly larger than the other.	Red, 1807 M	MC (2 beads)	0.51 × 0.3 × 0.28	1.4

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Width × Thickness (cm)	Perforation diameter (mm)
42532	G/-4, 17721	The glaze is well preserved, shiny on one side and dull on the other. One bead is larger than the other and has flattened edges.	Turquoise, 312 M	MC (2 beads)	0.46 × 0.27 × 0.22	1
42533	G/-4, 17721	The glaze is slightly shiny in some parts but weathered.	Dark blue, 296 M	MC (2 beads)	0.55 × 0.24 × 0.28	1.36
42534	L/-5, 17544	Originally two or more beads. One bead and 33% of another are preserved. Possibly the imprint of a third bead is visible on the glaze of the complete bead. The two beads are not perfectly aligned. The glaze is shiny but weathered.	White, dark blue, white in some places, (no equivalent), 2955 M	MC (2+ beads)	0.47 × 0.22 × 0.22	0.85
42535	J/-5, 17572	Originally two or more beads. Two beads are partially preserved. The glaze is fairly weathered.	Mid blue, 2925 M	MC (2+ beads)	0.43 × 0.45 × 0.22	1.04
42536	G/-4, 17513	The glaze is weathered and partly missing with core visible.	Turquoise, 3125 M	MC (2 beads)	0.43 × 0.34 × 0.26	1.11
42537	G/-3, 17501	The glaze is shiny and well preserved except on one side, where there is no glaze (this probably happened during production).	Turquoise, 306 M	MC (2 beads)	0.5 × 0.24 × 0.24	0.9
42538	I/-2, 17507	Originally two or more beads. Beads are partially preserved. The glaze is weathered.	Turquoise, 321 M	MC (2+ beads)	0.52 × 0.54 × 0.31	1.23
42539	G/-4, 17721	The glaze is shiny and well preserved. The two beads are not perfectly aligned and are slightly flattened. The probable imprint and a small amount of glaze of a third bead are visible on one end.	Dark blue, 2965 M	MC3 (3 beads)	0.53 × 0.28 × 0.23	1.08
42540	G/-4, 17721	Weathered; fourth bead is broken. One bead is slightly larger than the other two.	Dark blue, 3035 M	MC3 (4 beads)	0.78 × 0.26 × 0.26	1.33
42541	G/-4, 17721	Small. The apertures are protruding very slightly. The glaze is weathered.	Light turquoise, 305 M	MC3 (3 beads)	0.64 × 0.25 × 0.22	0.95
42542	G/-3, 17501	Two beads intact and small fragment of another. The beads are aligned in a way that forms a curve. One bead is smaller and flattened.	Very dark green, 627 M	MC3 (3 beads)	0.53 × 0.33 × 0.25	1.22
42543	L/-5, 17544	The glaze is shiny and well preserved but missing on one side. The apertures are slightly protruding. One bead is smaller than the other two. The beads are aligned in a way that forms a curve. Inside the central bead is soil with a small, white ring bead (R4).	Turquoise, 311 M	MC3 (3 beads)	0.77 × 0.3 × 0.28	1.04
42544	L/-3, 17512	Small. The glaze is mostly missing except on one side. The beads are aligned in a way that forms a curve.	Dark turquoise, 3015 M	MC3 (3 beads)	0.74 × 0.23 × 0.23	0.92
42545	G/-2, 17505	Lengths of beads are irregular on one end and the glaze is abraded on the other end.	Dark blue, 296 M	MC3 (3 beads)	0.73 × 0.42 × 0.29	1
42546	K/-2, 17577	Two beads intact and one broken. The glaze is pitted but well preserved and shiny.	Turquoise, 312 M	MC3 (3 beads)	0.68 × 0.27 × 0.25	0.91
42548	G/-4, 17721	Two beads, with part of a third one. This part is glazed over; therefore, the third bead broke off before or during firing. The glaze is weathered and mostly dark blue with some turquoise around the seams of the beads.	Dark blue, turquoise, 3035 M, 321 M	MC (2 beads)	0.57 × 0.28 × 0.23	1.06
42549	H/-5, 17702	Glassy. The glaze is intact and shiny.	Dark blue, 3035 M	MC3 (3 beads)	0.77 × 0.25 × 0.29	1.63
42571	J/-5, 17707	Three segmented beads fused together forming a multiple-cylinder bead. The beads each have nice segments, with five well-defined segments. The glaze is shiny and slightly weathered.	Dark blue, 2955 M	MC3 (3 beads)	0.63 × 1.25 × 0.2	1
42739	G/-4, 17721	Originally three beads. Two beads are partly preserved, with the imprint of a third one. The glaze is dull.	Dark turquoise, 301 M	MC1 (3 beads)	0.86 × 0.38 × 0.22	0.9
43065	G/-4, 17513	Two beads with part of a third one. This part is glazed over; therefore, the third bead broke off before or during firing. The glaze is weathered but shiny.	Dark blue, 2965 M	MC (2 beads)	0.63 × 0.27 × 0.25	1.19–1.46

f) Spherical beads (flattened, extended, spherical)

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
41484	G/-3, 15658	Intact. The glaze is shiny but weathered and pitted in places with the core visible.	Dark blue, opaque, 288 M	FS1	0.65 × 0.8	2.08
42236	H/-4, 15646	Small, with the aperture slightly protruding on both ends. Shiny glaze.	White (no equivalent)	FS1	0.3 × 0.32	1.11
42237	H/-4, 15646	Small. The glaze is shiny. The aperture protrudes on one end.	White (no equivalent)	FS1	0.27 × 0.39	1.02
42347	G/-3, 15763	Large, broken in half (c.40% preserved), exposing the core.	Dark turquoise, 309 M	FS1	0.6 × >0.68	c.2.7
42409	H/-4, 15646	The glaze is intact and dull. The aperture is protruding slightly on one face.	White (no equivalent)	FS1	0.27 × 0.35	1
42573	I/-2, 17659	Large. The surface is flattened on one side. The glaze is very weathered. The perforation is uneven with one hole significantly wider than the other. The bead may have been part of a moulded model grape bunch, such as Ashmolean 1924.69; cf. Kemp and Stevens (2010b: 290).	Green-blueish grey, 5477 M	ES1	0.76 × 0.75	1.65–3.28
42574	G/-5, 17514	The surface is somewhat irregular. The glaze is shiny and slightly pitted.	Turquoise, 641 M	ES1	0.38 × 0.39	1.28
42575	J/-3, 17504	The aperture is extended on one end. The glaze is weathered with a round indentation on the surface.	Turquoise, 312 M	FS4	0.35 × 0.44	1.82
42576	J/-5, 17515	Slightly irregularly shaped, well preserved and shiny.	Mid blue, 285 M	FS1	0.24 × 0.3	1.03
42577	J/-5, 17624	Small. The aperture protrudes on one end. The glaze is shiny.	White (no equivalent)	FS2	0.23 × 0.34	1.11
42578	G/-5, 17728	The aperture is extended on one end and indented on the other. The glaze is weathered.	Turquoise, 311 M	FS4	0.37 × 0.45	1.49
42663	G/-3, 15610	Glaze is slightly weathered.	Turquoise, 312 M	ES1	0.37 × 0.33	1.27
42673	L/-2, 17710	With a bulging edge (perforation off-centre). Fairly weathered and discoloured.	Turquoise, 3272 M	FS1	0.26 × 0.41	1.27
42674	G/-4, 17513	Uneven shape and very small aperture. The glaze is weathered and dull.	Dark blue, 2965 M	FS1	0.24 × 0.35	0.5

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Length × Diameter (cm)	Perforation diameter (mm)
42961	K/-2, 17595	Mottled surface, heavily weathered in places. Tapers and rises up around aperture. Glaze is pitted. Possibly from a grape bunch, although none of the faces are flattened?	Dark turquoise, 309 M	ES1	0.65 × 0.69	1.83
42965	I/-2, 17565	Large. The surface is very weathered and pitted with white accretions at one end. The aperture is not quite in the centre of the bead.	Blue, opaque, weathered, 647 M	ES1	0.8 × 0.86	1.79
43013	G/-2 N, 17505	One side of the bead bulges slightly. The glaze is weathered and dull.	Black 6 M, 7457 M, opaque, weathered	FS1	0.42 × 0.58	2.07
43033	H/-2 N, 17565	Barrel-shaped, 66% preserved, split close to perforation, revealing the core. Slightly weathered.	Turquoise, semi-translucent, 3135 M	73U	0.45 × 0.39	1
43244	I/-3, 15797 (sample 14-15)	The perforation is slightly off-centre. The glaze is weathered and slightly pitted. Complete.	Turquoise-green, 339 M	FS1	0.33 × 0.64	1.64
43259	H/-4, 15646	The glaze is intact and shiny.	Dark blue, 288 M	Sphere	0.36 × 0.31	0.8

g) Other bead types

Object no.	Provenance	Description	Colour description and Pantone	Bead type	Thickness × Diameter (cm)	Perforation diameter (mm)
42129	H/-4, 15646	Rosette-shaped, convex front, flat back. Indentations along edge, slightly irregular, so probably not moulded. Perforation is off-centre. Slightly damaged on one edge, where faience core is visible. Glaze is largely dull, slightly iridescent at front. Glaze is slightly pitted.	Dark blue, 7462 M	PF2	0.27 × 0.85	1.7
42671	L/-3, 17573	Surface glaze is shiny and heavily pitted, especially around raised aperture. Tapers towards the edge, thick in the centre; 100% preserved.	Turquoise, 7461 M	L2	0.42 × 1.3	2.6
42235	I/-4, 15628	Melon bead. The ribbing is slightly irregular and diagonal to the perforation. The glaze is pitted and weathered.	Turquoise, 3125 M	Rb9	0.6 × 0.67	2.23

Table 15.3 Faience amuletic beads: scarabs

Object no.	Provenance	Description	Colour and Pantone	Pendant type	Length × Width × Thickness (cm)
40558 (SCA: 2/2015)	I/-3, 15694	Moulded scarab. Intact, perforated longitudinally. Glaze is turquoise. It seems the ‘facial features’ have been moulded. On the back there are two linear depressions (X-shape?). The scarab sits on a low base. See Kemp and Stevens 2010b: 108–110, object nos 34321 and 35609 for back design. Fits almost perfectly into faience mould (object no. 40534) for scarab bead from M50.14–16.	Turquoise, 313 M	Petrie type 334	c.1 × c.1 × c.0.4
41665 (SCA: 16/2015)	J/-2, 17534	Moulded scarab. Intact, perforated longitudinally. Fine detail; small perforation from head to bottom in axis; base shows vertical line to the top left (perhaps accidental); glazing on top better preserved than at base.	Turquoise, 639 M	Petrie type 334	1 × 0.65 × 0.5

Table 15.4 Faience rings: a) Ring bezels and ring bezels (b.) with remains of shanks (s.); b) Ring shanks.

a) Ring bezels and ring bezels (b.) with remains of shanks (s.)

Object no.	Provenance	Description	Colour and Pantone	Bezel type	Length × Width × Thickness (cm)
40561	K/-4 / L/-4, 15689	Fragment. About 25% of the ring remains, from the edge of the bezel, along the band. Both ends show breaks, which reveal a brownish-grey core. The surface is slightly weathered but still shiny, with some slight pitting along the inner face.	Dark blue, 302 M	N/A	1.36 × 0.44–0.54 × 0.25–0.33
40563	G/-3, 15610	Fragment. A small part of the bezel remains, attached to the ring shank – showing some of an open-work <i>wedjat</i> eye design. Two cuts for the bezel design are visible – one is a V-shaped cut extending along the ring. The second is a wavy indentation aligned above the ‘V’. About 15–20% of the right-hand side of the bezel is preserved; no join discernible between the bezel and the shank. The fragment is broken at both ends, revealing the creamy/grey faience core. The surface is dull and weathered, with an oval indentation on the inside of the shank.	Dark blue, 653 M	<i>Wedjat</i> eye (Petrie type 175)	1.21 (total), 0.44 (b.), 0.67 (s.) × 0.50–0.66 × 0.27–0.3
40566	J/-4, 15679	Fragment from the outer edge of an open-work <i>wedjat</i> eye bezel. Most of the bezel and ring shank have broken away, only the outer edge of the open-work bezel design remaining. A cream-coloured faience core is discernible in the break. About 15% of the right-hand side of the bezel is preserved. The surface is shiny and slightly weathered.	Turquoise, 314 M	<i>Wedjat</i> eye (Petrie type 176)	0.78 (total), 0.46 (b.), 0.32 (s.) × 0.42–0.73 × 0.29–0.3
40567	H/-4, 15646	Fragment with an open-work <i>wedjat</i> eye design. The ring shank has completely broken away. About 10% preserved; only the lower part of the eye. Broken off on both ends and along the upper edge, where the eyeball would have been. Fine detail. The glaze is slightly weathered and shiny.	Turquoise, 3125 M	<i>Wedjat</i> eye (Petrie type 176)	0.64 × 0.51 × 0.17
40568	G/-3, 15650	Fragment. The shank and most of the bezel have broken away, only c.20–25% of the bezel surviving. Slightly curved outer edge, probably describing an oval. The decoration of the bezel consists of lines in raised relief, one of which is well defined and describes a single zig-zag around a parallel concave line. The latter surrounds a concave surface with faint, raised linear decoration, of which most of the glaze is missing. Towards one side, running more or less parallel to one part of the zig-zag line, is another faint line that ends just before the bend. The design is probably that of a seated or crouching king (zig-zag is the outline of shoulders and back) with an arm raised (defined by the linear decoration on the convex, weathered part), whose crown has broken away, although the faint second raised line describes the ribbon that was attached to the back of his crown. The faience glaze is weathered and pitted on the inner surface of the bezel. Cf. Stevens 2006: 45, fig. II.2.16, and Kemp and Stevens 2010b: 121, 125, object no. 35704.	Turquoise, 313 M	Seated royal figure/king: Petrie type 272-4	0.85 × 0.55 × 0.2
41779	L/-2, 17611	Fragment with <i>wedjat</i> eye bezel and remains of shank. No join discernible. The right side of the bezel (c.10%) and part of the shank (c.20%) are preserved. The design is clear, the <i>wedjat</i> eye done in open-work. The surface is weathered and dull. Fine light grey core visible at the breaks.	Turquoise, 631 M	<i>Wedjat</i> eye, Petrie type 176	1.2 (total); 0.4 (b.); 0.95 (s.) × 0.62 (b.); 0.34 (s.) × 0.25 (b.); 0.18 (s.)
41780	J/-2, 17563	Small fragment with <i>wedjat</i> eye design (c.10% preserved). Part of the eyebrow and left corner of the eye. The design is clear, the <i>wedjat</i> eye done in open-work. The surface is weathered and dull. Fine white core visible at the breaks.	Turquoise, 325 M	<i>Wedjat</i> eye, Petrie type 176	0.48 × 0.57 × 0.25

Object no.	Provenance	Description	Colour and Pantone	Bezel type	Length × Width × Thickness (cm)
41781	K/-2, 17577	Fragment with <i>wedjat</i> eye bezel and shank. A small part of the right side of the bezel (c.10%) and part of the shank (c.25%) are preserved. The design is clear, the <i>wedjat</i> eye done in open-work. The surface is fairly well preserved and shiny. Fine light beige core visible at the breaks.	Turquoise, 313 M	<i>Wedjat</i> eye, Petrie type 176	1.6 (total); 0.4 (b.); 0.12 (s.) × 0.8 (b.); 0.4 (s.) × 0.26 (b.); 0.26 (s.)
41782	L/-2, 17611	Fragment with <i>wedjat</i> eye bezel and shank. The right side of the bezel (c.30%) and a small part of the shank (c.10%) are preserved. The design is clear. The surface is weathered and patinated. The colour of the glaze varies between blue turquoise and green turquoise. Fine light beige core visible at the breaks.	Turquoise, 320 M, 345 M	<i>Wedjat</i> eye, Petrie type 175	1 (total); 0.6 (b.); 0.4 (shank) × 0.71 (b.); 0.41 (s.) × 0.27 (b.); 0.24 (s.)
41783	L/-3, 17576	Fragment with <i>wedjat</i> eye bezel and shank. The left side of the bezel (c.20%) and part of the shank (c.15%) are preserved. The design is clear. The surface is weathered and dull with missing glaze on the bezel and shanks. Fine light beige core visible at the breaks.	Turquoise, 631 M	<i>Wedjat</i> eye, Petrie type 175	0.98 (total); 0.42 (b.); 0.67 (s.) × 0.97 (b.); 0.54 (s.) × 0.29 (b.); 0.26 (s.)
41784	I/-2, 17659	Small fragment (shank and bezel). Bezel possibly has cartouche shape (design not clear). Broken into three fragments during handling. Fine white core material visible at the breaks.	Turquoise, 638 M	Cartouche?	0.6 × 0.4–0.8 × 0.3
41785	K/-2, 17577	Small fragment (c.20% preserved). Curved. The design is not very clear. It is possibly a lotus flower, done in open-work. The surface is dull, dirty and the glaze is slightly cracked on the back. Fine grey core is visible at the breaks.	Turquoise, 3125 M	Lotus flower?	1 × 0.79 × 0.22
41786	I/-2, 17550	Fragment with a cartouche (bottom 60% preserved). The glaze is very thin and weathered. The design is clear and the hieroglyphs of the name of Meritaten are discernible (Gardiner 1957: M17 (bottom), N5 (bottom half), N36, A44 or A46). Fine light beige core material visible at the breaks.	Turquoise, 3135 M (weathered)	Cartouche, Petrie type 106	1.35 × 1.27 × 0.25
41954	J/-5, 17622	Fragment with <i>wedjat</i> eye bezel and shank. The right side of the bezel (c.20%, only the eyebrow and eyelid) and part of the shank (c.20%) are preserved. The join between bezel and shank is visible (darker colouration). The design is clear, the <i>wedjat</i> eye done in open-work. The surface is slightly weathered. Fine pale core visible at the breaks.	Turquoise, 639 M	<i>Wedjat</i> eye, Petrie type 176	1.5 (b.), 0.7 (s.) × 0.6 (b.), 0.5 (s.) × 0.2 (b.), 0.25 (s.)
41955	G/-5, 17728	Fragment with <i>wedjat</i> eye bezel and shank, no join discernible. The right side of the bezel (c.20%) and a small part of the shank (c.10%) are preserved. The shank seems to be malformed, with a glazed-over break after which the shank tapers down to a very small diameter. The design is clear, the <i>wedjat</i> eye done in open-work. The surface is weathered, dull and patinated. Fine light beige core visible at the breaks.	Light turquoise, 630 M	<i>Wedjat</i> eye, Petrie type 176	1.02 (total); 0.47 (b.); 0.55 (s.) × 0.7 (b.); 0.45 (s.) × 0.33 (b.); 0.2 (s.)
41956	H/-2 N, 17565	Fragment. Small fragment of the bezel (c.5%) and of the shank (c.15%) preserved. Design not discernible. The surface is very weathered and dull with core material adhering to one side.	Turquoise, 299 M	N/A	1 (total); 0.42 (b.); 0.68 (s.) × 0.67 (b.); 0.55 (s.) × 0.34 (b.); 0.23 (s.)
41957	I/-2 N, 17659	Small fragment with a <i>wedjat</i> eye bezel (c.15% preserved). Pupil and part of the upper eyelid. The design is clear, the <i>wedjat</i> eye done in open-work. The surface is weathered and dull. Fine light beige core visible at the breaks.	Light turquoise, 324 M	<i>Wedjat</i> eye, Petrie type 176	0.68 × 0.51 × 0.24
41958	K/-2, 17595	Fragment (c.80% preserved). Curved. Oval shape with a framed fish design. The design is clear. Both short sides are broken with no remaining shank attached. Weathered and dull surface. Pitting in the glaze on the back, sparkling front. Fine grey core material visible at the breaks.	Dark turquoise, 633 M	Fish, Petrie 149, 150 or 151	1.1–1.55 × 1.29 × 0.28
42025	G/-3, 17750	Fragment. Very weathered and dull. Fine light beige core material is visible at the breaks.	Turquoise, 631 M	N/A	1.65 × 0.41 × 0.25

b) Ring shanks

Object no.	Provenance	Description	Colour and Pantone	Bezel type	Length × Width × Thickness (cm)
40562	I/-3, 15732	Fragment; none of the bezel remains. The surface has weathered significantly and the glaze is largely shiny, but with dull patches. The colour has faded to white in stripes along the band at the edges. Broken at both ends, revealing the white and fine faience core material.	Turquoise, 3125 M	N/A	0.93 × 0.38–0.4 × 0.27 (throughout)
40564	L/-4, 15684	Fragment; none of the bezel remains. The surface is very weathered and the glaze is heavily pitted, especially on the inside of the band. Broken at both ends revealing the fine and grey-brown faience core.	Dark blue, 653 M	N/A	1.08 × 0.36–0.42 × 0.22 (throughout)
40565	K/-4, 15687	Small fragment; none of the bezel remains. The band is quite thick and irregular – maybe a manufacturing error. Broken at both ends, revealing the creamy/white faience core surrounded by thick glaze. The surface is heavily weathered with yellowish patches where the glaze has disappeared. Two small patches of darker colour (3145 M) may be that of the original glaze.	Turquoise, 3115 M with 3145 M	N/A	0.91 × 0.45–0.54 × 0.39–0.44
40641	H/-4, 15762	Fragment. Slightly wider at one end, but no bezel remains. Weathered, with most of the glaze missing and discolored. The interior of the shank has turned light green. The breaks reveal a cream-coloured and fine core.	Turquoise, 307 M	N/A	1.07 × 0.37–0.45 × 0.35–0.45
41771	I/-2 N, 17507	Fragment. The surface is very weathered with very little colour remaining. Fine light grey core material is visible at the breaks.	Light turquoise, 331 M ?	N/A	1.55 × 0.3 × 0.29
41772	L/-4, 17517	Fragment without any indication of a join or a bezel. Glaze is heavily weathered and matte. The core (discernible in the breaks) is creamy white.	Turquoise, 638 M	N/A	1 × 0.35 (throughout) × 0.23–0.24
41773	L/-3, 17573	Fragment, with shiny and slightly pitted glaze. Widens slightly towards one end, the breaks revealing the creamy/grey core.	Turquoise, 639 M	N/A	1.33 × 0.45–0.5 × 0.31 (throughout)
41774	L/-4, 17517	Fragment, both ends broken. Creamy yellow core discernible in breaks. Flat interior surface with shiny and pitted glaze. Outer surface is partially matte.	Turquoise, 2995 M	N/A	1.16 × 0.44 (throughout) × 0.34–0.36
41775	G/-2 N, 17505	Fragment. Slightly widens towards one end. The surface is weathered and dull. Fine light beige core material is visible at the breaks.	Light turquoise, 637 M	N/A	0.97 × 0.25–0.34 × 0.27
41776	G/-2 N, 17505	Fragment, heavily weathered. The glaze is largely missing and/or pitted, with only little of the original glaze remaining. The core (visible in the breaks) is creamy/white.	Light turquoise, 331 M ?	N/A	1.12 × 0.32–0.36 × 0.25–0.27
41777	I/-2, 17659	Fragment. Slightly thicker towards the centre, slightly wider towards one end. Glaze is matte and slightly discoloured on the interior face. Core exposed in one location (0.13 cm), where glaze is broken. Core is creamy/white.	Turquoise, 2995 M	N/A	1.76 × 0.38–0.43 × 0.22–0.24 (ends), 0.28 (centre)
41778	L/-2, 17611	Small fragment. No join or bezel discernible. Broken at both ends, revealing the creamy white core. The glaze is heavily weathered and discolored white (probably worn thin) and matte on the interior surface. Another white discoloration can be discerned on the outer surface, near one break; the remainder of the glaze is matte. The shank widens slightly towards one end.	Turquoise, 3005 M	N/A	0.67 × 0.45–0.46 × 0.3–0.32
41951	H/-2 N, 17565	Fragment. Approximately 50% of the diameter is preserved. Widens towards bezel (now broken); very dirty and weathered. Fine light beige core material visible at the breaks.	Light turquoise, 324 M ?	N/A	1.64 × 0.38–0.52 × 0.24–0.27

Object no.	Provenance	Description	Colour and Pantone	Bezel type	Length × Width × Thickness (cm)
41952	I/-2 N, 17659	Fragment. Approximately 50% of the diameter preserved. Widens towards the missing bezel; no joins discernible. Heavily weathered and dull, with the pitted glaze missing in several locations. The cream-coloured core is exposed in the breaks.	Turquoise, 312 M	N/A	1.75 × 0.34–0.52 × 0.22–0.32
41953	G/-4, 17513	Small fragment. The surface is very weathered and pitted. Light beige core material is visible at the breaks.	Turquoise, 638 M ?	N/A	0.48 × 0.44 × 0.27
41995	J/-2, 17734	Small fragment, broken at both ends, revealing a greyish core. Glaze is weathered and pitted, and patches are missing entirely. No remains of the bezel discernible.	Turquoise, 3005 M	N/A	0.66 × 0.43–0.44 × 0.28 (throughout)
42024	I/-2, 17732	Small fragment. Slightly weathered but shiny glaze. Fine white core material visible at the breaks.	Dark turquoise, 633 M	N/A	0.45 × 0.43 × 0.24

Table 15.5 Other types of faience jewellery.

Object no.	Provenance	Description	Colour and Pantone	Dimensions (cm)	Diameter (cm)
40560	G/-4, 15667	Fragment of a cream-coloured faience ear stud. The entire disc has broken away, revealing the cream-coloured faience core material. This ear stud may have been made by hand and trimmed with a blade as the stem has slight facets around the entire surface. The end of the stem angles sharply to a slightly flattened end. The surface of the stem is slightly weathered, and pitted. Similar to object no. 34851 (Kemp and Stevens 2010b: 130, 131).	Cream 1 M	L=1.96	0.6–0.77
42033	G/-5, 17514	Fragment of an oval or round faience collar terminal (c.30–60% preserved). The original edge is rounded. The front and reverse are slightly concave. Two perforations on the edge and one perforation on the back for string. White background, sunken blue decoration – an oval shape in the middle and two narrow shapes at the sides (possibly a sun disc with two <i>uraei</i> , or a lotus flower). Broken on the short edge. The reverse is undecorated. A soft yellow substance adheres to the front and the glaze is damaged in that area. The glaze is well preserved but pitted on the reverse. Slightly coarse white core material is visible at the breaks.	White and dark blue (2738 M)	L × W × T=2.22 × 0.63 × 0.22 (2 apertures on top); 0.39 (aperture on the back)	0.22 (2 apertures on top); 0.39 (aperture on the back)

Table 15.6 Glass beads: a) Spherical beads (extended, flattened, spherical); b) Acacia seed beads.

a) Spherical beads (extended, flattened, spherical)

Object no.	Provenance	Description	Colour and Pantone	Bead type	Dimensions (cm)	Diameter of perforation (mm)	Weight (g)
40288	H/-4, 15607	Fragment, probably of an extended sphere. Smoothly rounded on one face.	Dark blue, semi-opaque, 296 M	ES2	L × W × T=6.1 × 4.4 × 0.23	N/A	0.11
40855	G/-3, 15650	Fragment of a possible glass bead. Convex surface and remains of parting layer inside aperture, of which only a small portion is preserved. Coils of different colours visible on the inside.	Turquoise, opaque, 7459 M (surface), 7464 (interior)	Sphere (?)	L × W × T=0.75 × 0.55 × 0.6	N/A	0.31
40923	I/-4 / J/-4, 15759	Roughly trapezoidal dark blue glass fragment, probably from an extended sphere glass bead. The outside is convex; of the inside, which is concave, a smaller portion is preserved (0.75 × 0.2 cm). Linear white swirls are visible on the outside, possibly indicating the fused glass coils. The surface shows no signs of polish. A patch of the white parting layer can be seen on the inside (0.15 × 0.13 cm). A lip rising above the interior from one of the breaks indicates a curvature describing a possible aperture (0.15 cm) created by the mandrel. The thickness of the object decreases along the length of the possible aperture (from 0.31 to 0.21 cm), indicating that this is an extended sphere bead. <i>pXRF: Sb present. More Cu than Co.</i>	Dark blue, opaque, 647 M	ES2 (?)	L × W × T=0.9 × 0.6 × 0.3	1.5	0.17
41431	I/-4, 15605	Flattened sphere, broken in half along perforation. No coils. Possible traces of parting layer inside perforation.	Dark blue, opaque, 282 M	FS1	L × diam.=0.6 × 0.8	2.18	0.32
41432	K/-4, 15687	Flattened sphere. Coils on one side. Parting layer present.	Dark blue, translucent, 2945 M?	FS2	L × diam.=0.6 (0.4 w/o coil) × 0.6	1.51	0.24
41433	J/-4, 15679	Flattened sphere. Coils around both apertures. Heavily weathered. Parting layer uncertain.	Dark violet or amber, translucent, N/A	FS2	L × diam.=0.3 (0.23 w/o coil) × 0.35	1.42	0.07
41434	I/-4, 15640	Flattened sphere bead. Intact, with slightly irregular apertures. Parting layer present in perforation.	Dark violet-blue, translucent, 646 M	FS2	L × T=0.2 × 0.4	1.88	0.04
41436	J/-4, 15704	Flattened sphere, irregular, coils chipped and polished, but visible, bubbly. Parting layer – uncertain if present. Surface is weathered.	Brown, translucent, 167 M?	FS2–3	L × diam.=0.9 × 1	2.38	1.15
41437	H/-4, 15778	Flattened sphere bead, irregular, one coil, the end of which appears to be rounded. Parting layer uncertain.	Dark blue, translucent, 296 M?	FS2	L × diam.=0.6 (0.3–0.5 w/o coil) × 0.8	2.21	0.45
41438	K/-4 / L/-4, 15689	Small, irregular flattened sphere. Parting layer – uncertain if present.	Mid-blue, opaque, N/A	FS2	L × diam.=0.2 × 0.4	1.4	0.08
41439	J/-4, 15679	Small, flattened sphere. No parting layer discernible.	Light brown, translucent, 720 M?	FS2	T × diam.=0.25 × 0.4	1.85	<0.01
41453	H/-4, 15762	Flattened sphere, broken in half along perforation. Slightly irregular shape. Weathered. Parting layer inside perforation.	Dark blue, opaque, 280 M?	FS1–2	L × diam.=0.4 × 0.3	1.52	0.04
41457	H/-4, 15762	Semi-circular coil of glass, broken off a small ring or flattened sphere bead (which broke in half), with a coil coming off one aperture. Remains of parting layer inside.	Turquoise, opaque, 3115 M	FS2	L x T x diam.=0.2 (0.1 without trails) × 0.1 × 0.25	1.05	<0.01
41462	H/-4, 15620	Fragment (about 25%) of a spherical glass bead, broken along perforation and along one side. Coils visible. Heavily weathered. Probably light pink/violet, translucent, or amber. Parting layer visible in perforation.	Light pink/violet, translucent, N/A	Sphere	L × W × T=0.7 × 0.6 × 0.35	N/A	0.13
41463	I/-4, 15659	Semi-circular coil, of small ring/flattened sphere bead. Probably light pink/violet, translucent, but not certain. Parting layer not discernible in perforation.	Light pink/violet, translucent, N/A	FS2	L × T=0.2 × 0.2	1	<0.01

Object no.	Provenance	Description	Colour and Pantone	Bead type	Dimensions (cm)	Diameter of perforation (mm)	Weight (g)
41464	J/-4, 15704	Slightly extended sphere. Both apertures uneven. Parting layer probably present in perforation.	Dark blue, opaque, 648 M	ES1	L × diam.=0.95 × 0.8	1.75	0.7
41465	G/-4, 15668	Unfinished sphere bead with coils at both ends. Weathered with patches of white patina on outside. Parting layer probably discernible in perforation.	Turquoise, translucent, 300 M–301 M	FS2	L × diam.=0.8 (0.4 w/o coils) × 0.6	2.32	0.23
41466i–xiix	J/-4, 15702	Group of flattened sphere (mostly) and spherical beads from bead concentration. All with coils around apertures. Total number is 18: Group a) copper blue (total of four) and Group b) amber with a tint of violet (total of 14); all are translucent. The amber/violet beads (Group b) are heavily weathered, the blue beads (Group a) less so. Group b) mandrel diameter 1.88 mm, 1.9 mm, 0.7 mm, 0.7 mm: all flattened sphere, with more coils than (a). Group a) some coils, but more irregular-shaped beads, mainly spheres (x4), rest flattened sphere (x14) – mandrel diameter 2 mm, 1.84 mm, 1.84 mm, 1.9 mm, 1.87 mm, 2.04 mm, 1.95 mm, 0.66 mm, 1.91 mm, 1.91 mm, 1.64 mm, 1.57 mm, 1.36 mm, 0.61 mm. Parting layer may be present.	Copper blue/amber with a tint of violet, translucent; violet beads: N/A. Copper blue: 2945 M?	Sphere/FS2	L × diam.=0.3–0.5 max., 0.15 min. × 0.5 max. 0.3 min	0.61–2.04 (various)	1.13 total
41467	I/-3, 15914	Large perforation, weathered. Parting layer not discernible in perforation.	Dark blue, probably opaque, N/A	FS1	L × diam.=0.6 × 0.7	2.26	0.31
41468	K/-4, 15685	Unfinished, slightly extended sphere with apertures of different sizes. Coil around the larger aperture. Parting layer present in aperture.	Turquoise, translucent, 300 M	ES1	L × diam.=0.7–0.85 × 0.65	1.36–1.95	0.44
41470	J/-4, 15727	Unfinished sphere bead with coils at both apertures, one of which has broken off. Perforation is slightly off-centre. Heavily weathered.	Pink/amber, translucent, N/A	Sphere	L × diam.=0.6 (0.35 w/o coils) × 0.35	1.44	0.07
41471	J/-4, 15727	Large, unfinished, slightly flattened sphere with partially chipped and polished coil on one side. Cracked down the middle on each side. Parting layer present.	Dark blue, semi-opaque, 2758 M	FS3	L × diam.=1.1 (0.9 w/o coils) × 1.1	2.24	1.37
41472	H/-4, 15762	Unfinished sphere bead with coils around both apertures: one has been cut off. Remains of parting layer visible in perforation.	Dark blue, translucent, 648 M	Sphere	L × diam.=0.5 (0.4 w/o coils) × 0.45	1.81	0.11
41473i–vii	J/-4, 15679/15702	Group of seven small, unfinished spherical beads, both flattened and extended. Group a) 3 × copper blue, translucent, Group b) 4 × amber with a tint of violet (weathered). Group a) mandrel diameter 0.9 mm (× 1), 0.6 mm (× 2) – sphere/extended sphere, all with parting layer; Group b) mandrel diameter 1.6, 1.7, 1.34, 1.54 mm – flattened sphere.	Copper blue/amber with a tint of violet, translucent; violet beads: N/A. Copper blue: 2945 M?	Sphere: FS2 and ES1	L × diam.=0.3–0.5 max., 0.15 min. × 0.5 max. 0.3 min.	0.6–1.7 (various)	0.5 total
41475	K/-4, 15687	Half preserved, broken along perforation. Dark blue, with horizontal white stripe. Parting layer visible in the perforation. Heavily weathered surface.	Dark blue, opaque, with horizontal white stripe, 533 M? (weathered) and white	Sphere	L × W × T=0.85 × 0.9 × 0.45	0.99 (less than 50% of bead fragment)	0.39
41476	H/-4, 15646	Small, slightly extended sphere. Slightly uneven overall shape, tapers towards one end. Parting layer visible in perforation.	Dark blue, translucent, 534 M	ES1	L × diam.=0.5 × 0.4	2.03	0.09
41477	K/-4, 15673	About 50% preserved, broken along wide perforation. Apertures slightly misaligned. Faint remains of parting layer present in perforation.	Dark turquoise, translucent, 3015 M	Sphere	L × W × T=0.7 × 0.8 × 0.4	3.05	0.24
41478	K/-4, 15664	Slightly irregular sphere (or extended sphere): tapers at one end. Heavily weathered surface. Parting layer discernible in perforation.	Dark blue, opaque, 534 M? (through weathering)	Sphere/ES1	L × diam.=0.6 × 0.45	1.24	0.14
41479	K/-4 / L/-4, 15768	Slightly extended sphere with coils at both apertures. Slightly irregular shape. Weathered. Parting layer visible in perforation.	Dark violet, translucent, N/A	ES1	L × diam.=0.6–0.65 × 0.55	0.67	0.26
41480	I/-4, 15630	Small, unfinished sphere or flattened sphere. Coils around apertures. Parting layer not immediately visible in perforation.	Dark violet, translucent, 5115 M?	Sphere/FS	L × diam.=0.4 (0.33 w/o coils) × 0.35	0.9	0.06
41481	K/-4, 15664	Unfinished flattened sphere bead with coils on one side. Weathered. Parting layer probably present.	Dark blue, opaque, N/A	FS2	L × diam.=0.6 (0.35 w/o coil) × 0.5	1.26	0.13
41482	H/-4, 15620	About half preserved, broken along wide perforation. Weathered, with white patches of patina on outside. Faint remains of parting layer inside perforation.	Turquoise, translucent, 3005 M	Sphere	L × W × T=0.8 × 0.8 × 0.4	2.35	0.28
41483	J/-4, 15679	Extended sphere, with an off-centre perforation. One large coil at one aperture; other aperture is also uneven. Parting layer visible in perforation.	Dark blue, translucent, 648 M	ES1	L × diam.=0.6 × 0.35	1.02	0.08
41486	G/-4, 15667	Intact. Weathered surface. No parting layer discernible in perforation.	Dark blue, opaque, 280 M	ES2	L × diam.=1.1 × 0.5	1.25	0.35
41487	L/-4, 15780	Larger extended sphere. Bead has been altered and repaired: perforation diagonal and side off-centre where coils cut and polished off. No parting layer discernible in perforation.	Dark blue, translucent, 293 M	ES2	L × diam.=1.55 × 0.85	2.45	1.3
41488	H/-4, 15646	Small extended sphere, intact. Parting layer inside perforation, visible through translucent glass.	Brown, translucent, 160 M	ES2	L × diam.=0.9 × 0.35	0.4	0.14
41489	J/-4, 15704	Small (extended) sphere. Surface is weathered. Possible remains of parting layer in perforation.	Dark blue, possibly translucent, N/A	ES1	L × diam.=0.5 (4.6 w/o coils) × 0.4	0.63	0.12
41490	J/-4, 15702	Small, slightly extended sphere with a weathered surface and slightly irregular ends. Parting layer visible in perforation.	Light green, translucent, 618 M–619 M	ES1	L × diam.=0.5 (4.2 w/o coils) × 0.35	0.33	0.08
41491	J/-4, 15679	Slightly extended sphere. Intact with slight coils at both ends. Parting layer visible in perforation.	Dark violet, translucent, 511 M?	ES1	L × diam.=0.6 × 0.5	1.11	0.14
41492	K/-4, 15728	Half an extended sphere, split along perforation with irregular break. No parting layer discernible in perforation.	Turquoise, opaque, 632 M	ES2	L × W × T=0.9 × 0.5 × 0.19	N/A	0.09
41493	H/-4, 15762	Small extended sphere. Parting layer present in perforation.	Dark blue, opaque, 655 M	ES2	L × diam.=0.55 × 0.25	0.25	0.04

Object no.	Provenance	Description	Colour and Pantone	Bead type	Dimensions (cm)	Diameter of perforation (mm)	Weight (g)
41494	J/-4, 15727	Long extended sphere. One aperture is uneven with an external encrustation. Parting layer present in perforation.	Dark blue, translucent, 662 M	ES2	L × diam.=1.4 × 0.45	1.1	0.4
41495	H/-4, 15646	Small extended sphere. Coils visible – unfinished. Parting layer present in perforation.	Dark blue, translucent, 280 M?	ES1	L × diam.=0.55 (0.5 w/o coils) × 0.4	0.4	0.14
41497	J/-4, 15678	Small, slightly extended sphere. Coils visible at both ends. Surface is weathered. Possible remains of parting layer, but uncertain.	Light green, translucent, 617 M	ES1	L × diam.=0.5 × 0.4	1.55	0.12
41498	J/-4, 15679	Small unfinished extended sphere. One end elongated, other end rounded with coil. Surface is heavily weathered. Parting layer visible inside perforation.	Dark violet, translucent, N/A	ES1	L × diam.=0.5 × 0.4	1.44	0.11
41499	H/-4, 15782	Small, slightly extended sphere. One end rounded, other end tapering. Parting layer visible in perforation.	Dark blue, translucent, 288 M	ES1	L × diam.=0.5 × 0.35	0.34	0.07
41500	K/-3, 15673	Small unfinished sphere bead. Irregular shape, with coils on both sides. Parting layer present in perforation.	Dark blue, translucent, 281 M	Sphere	L × diam.=0.5 (0.3 w/o coils) × 0.35	0.8	0.07
41705	K/-3, 17561	Slightly flattened and irregular spherical bead, either of glass or agate of the honey-coloured variety; fairly large, straight drill hole or perforation of 3 mm diameter at both ends. One end shows a slightly frayed edge around the hole. Interior striation visible under 6x magnification; surface with matte polish, still slightly pitted. Bubbles visible in the matrix, therefore material uncertain.	Light yellowish brown, 465 M	FS2	T × diam.=0.5 × 0.6	c.2.5	0.19
42208	J/-4, 15679	Flattened sphere or ring bead. Small, with a rounded and shiny outer edge. Parting layer visible on the inside. No coils.	Dark blue, translucent, 281 M	FS2/(R1)	T × diam.=0.1 × 0.2	0.8	<0.01
42299	H/-4, 15762	Flattened sphere or ring bead, about 75% preserved. Open at one end, broken off, remains of coils visible. Possible remains of parting layer on the inside.	Dark violet, translucent, N/A	FS2/(R3)	T × diam.=0.2 × 0.5	2.31	0.04
42300	K/-4, 15731	Small flattened sphere, slightly irregular shape. A coil is visible next to one aperture. Weathered surface. The glaze has a white patina, but where exposed is a pale blue. An imprint of another bead is visible on one face.	Dark blue?, N/A	FS2	L × diam.=0.2 × 0.36	1.08	0.03
42301	H/-4, 15762	Intact, with a shiny surface. Parting layer not discernible in perforation.	Light turquoise, opaque, 319 M	FS2	T × diam.=0.3 × 0.4	1.53	0.07
42579	G/-4, 17721	Flattened sphere with faint remains of coils at both apertures. Surface is heavily weathered. Possible remains of parting layer in perforation.	Turquoise, translucent, N/A	FS1–2	L × diam.=0.6 (0.52 w/o coils) × 0.75	0.23	0.36
42958	K/-3, 17510	Split along perforation, which shows parting layer; coil at one end.	Dark blue, translucent, 654 M	Sphere, 79K	L × T=0.5 (0.36 w/o coils) × 0.4	1.59 (less than 50% of the bead preserved)	0.03
42960	G/-4, 17513	Split along perforation; weathered to appear blue, although turquoise through light. Possible faint traces of parting layer preserved in perforation.	Turquoise, semi-translucent, 640 M?	Sphere, 79F	L × T=0.8 × 0.8	2.38 (less than 50% of the bead preserved)	0.3
42962	G/-4, 17513	Very slight coils at both ends; parting layer visible in perforation.	Dark blue, translucent, 654 M	Sphere, 79K	L × diam.=0.45 (0.38 w/o coils) × 0.4	1.59	0.8
42963	L/-4, 17517	Perforation slightly off-centre; strongly weathered. Parting layer not discernible, possibly due to weathering.	Blue, opaque, weathered, N/A	80J/FS3	L × diam.=0.55 × 0.75	2.26	0.35
42964	J/-5, 17515	Coils at both ends, largely removed. Shiny, but weathered surface. Possible parting layer in the perforation.	Light green, translucent, 617 M	80L/FS2	L × diam.=0.3 (0.25 w/o coils) × 0.4	1.65	0.05
42967	G/-4, 17513	Coils at both ends; parting layer visible in perforation.	Dark blue, translucent, 654 M	79J/FS2	L × diam.=0.5 (0.4 w/o coils) × 0.6	2.49	0.19
43011	K/-2, 17595	Coils not completely removed. Possible remains of parting layer discernible in perforation.	Dark turquoise, translucent, 315 M	Sphere, 79K	L × diam.=0.4 × 0.4	1.5	0.08
43012	K/-2, 17595	Slightly flattened sphere. Short coil at one end; parting layer not discernible. Surface somewhat weathered. Remains of parting layer visible inside perforation.	Turquoise, translucent, 312 M	79K/FS1	L × diam.=0.4 × 0.5	1.97	0.1
43014	L/-3, 17573	Removal of coil end not complete; parting layer visible. Slightly flattened.	Dark blue, opaque, 2756 M–2757 M	79N/FS2	L × diam.=0.35 × 0.45	0.65	0.12
43015	G/-4, 17513	Very slightly flattened. Split along perforation, which shows parting layer; one end straight, the other diagonal; large bubble at split visible; slightly weathered.	Dark blue, opaque, slightly weathered, N/A	79F/FS1	L × T=1 × 1.1	3.48	0.82
43016	H/-5, 17698	Split along perforation, which shows parting layer. Surface heavily weathered to appear white. Wide perforation.	Light blue, translucent, N/A	Sphere, 79K	L × T=0.4 × 0.4	1.51	0.03
43017	K/-5, 17516	Slightly twisted semi-circular coil (for ring bead?), possibly working piece; broken to form a crescent with square ends. Possible remains of parting layer.	Turquoise, translucent, 307 M	R/FS (?)	L × T=0.4 × 0.05	2.01 (less than 50% of the bead preserved)	<0.01
43019	J/-3, 17504	Flattened sphere, flattened parallel to perforation; surface weathered to appear white and opaque. Possible traces of parting layer.	Blue, opaque, weathered, N/A	FS	L × W × T=0.4 × 0.6 × 0.35	2.44 × 1.86	0.14
43024	K/-2, 17595	About 33% preserved, split along perforation showing parting layer. One end broken off, break running diagonally through perforation; matrix with very small bubbles; surface weathered.	Turquoise, translucent, 638 M?	73J/ES2	L × W × T=1.1 × 0.4 × 0.19	0.41 (less than 50% of the bead preserved)	0.13
43026	J/-5, 17515	Small, with tapering ends. Coils not polished off completely; parting layer shimmering through.	Dark blue, translucent, 654 M	73Y/ES1–2	L × diam.=0.55 × 0.35	0.18	0.08
43027	L/-2, 17710	Irregular shape with coils at both ends; one gap between coils close to one end; white streaky weathering effect makes coiling of bead discernible. Possible remains of parting layer inside perforation.	Turquoise, translucent with white streaks, 307 M	Sphere, 79N	L × diam.=0.4 × 0.35	0.45	0.1

Object no.	Provenance	Description	Colour and Pantone	Bead type	Dimensions (cm)	Diameter of perforation (mm)	Weight (g)
43030	G/-5, 17698	Split in half along hole, which shows parting layer; coils at both ends.	Dark blue, translucent, 648 M	79J/FS1	L × T=0.6 (0.4 w/o coils) × 0.5	1.68	0.06
43031	G/-5, 17728	Coils not completely removed. Parting layer not discernible in perforation.	Dark blue, opaque, 2756 M–2757 M	79K/FS2	L × diam.=0.4 × 0.45	1.38	0.1
43034	G/-4, 17721	Small extended sphere. Parting layer visible in perforation.	Dark blue, semi-opaque, 654 M	Extended sphere bead, 73X	L × diam.=0.5 × 0.4	1.35	0.09
43035	J/-5, 17624	Half of flattened sphere split along perforation. Coil at one end only broken but not polished off; bubbly matrix. Weathered surface.	Turquoise, translucent, 638 M	FS, 80C	L × T=0.35 × 0.55	2.71 (less than 50% of the bead preserved)	0.05
43036	J/-2, 17508	Small flattened sphere with one end showing some tool marks and coil broken off, but not polished. Parting layer not discernible.	Dark blue, translucent, 654 M	80D/FS2	L × diam.=0.25 × 0.4	1.91	0.04
43037	J/-3, 17504	Small, slightly irregular, flattened sphere with one prominent and one short coil; faint showing of parting layer.	Dark blue, translucent, 2758 M	80D/FS2	L × diam.=0.4 (0.2 w/o coils) × 0.4	1.76	0.05
43039	J/-5, 17624	Prominent coils at both ends; weathered. No parting layer discernible in perforation.	Brown, translucent, weathered, N/A	80D/FS2	L × diam.=0.45 (0.23 w/o coils) × 0.5	1.56	0.07
43040	I/-2 N, 17507	Small flattened sphere with one end showing some tool marks and coil broken off, but not polished. Possible remains of parting layer, but uncertain.	Turquoise, translucent, 307 M	80L/FS2	L × diam.=0.3 × 0.4	0.97	0.06
43041	H/-5, 17702	Slightly irregular flattened sphere; one coil not completely polished off; slightly weathered. No parting layer discernible in perforation.	Turquoise, translucent, slightly weathered, 299 M	80C/FS2	T × diam.=0.3 × 0.5	2.06	0.09
43051	H/-5, 17702	Slightly flattened sphere. Short coils at both ends broken off, but not polished; surface mostly white opaque from weathering.	Turquoise, translucent, N/A	79N/FS1	L × diam.=0.4 (0.31 w/o coils) × 0.4	1.25	0.05
43055	G/-4, 17721	Coils at both ends incompletely polished off; faint traces of possible parting layer in perforation.	Dark blue, translucent, 648 M	73X/ES1 (?)	L × diam.=0.5 × 0.4	1.12	0.14

b) Acacia-seed beads

Object no.	Provenance	Description	Colour and Pantone	Bead type	Dimensions (cm)	Diameter of perforation (mm)	Weight (g)
41443	H/-2, 15656	Half preserved, broken along perforation. Parting layer present in perforation.	Dark blue, translucent, 288 M	Acacia seed	L × W × T=0.6 × 0.4 × 0.19	0.74 (with sand and less than 50% bead fragment)	0.16
41444	G/-4, 15609	Half preserved, broken along perforation. Parting layer present in perforation.	Dark blue, translucent, 288 M	Acacia seed	L × W × T=0.55 × 0.4 × 0.19	0.48	0.1
41445	H/-4, 15762	Half preserved, broken along perforation, weathered. Remains of parting layer in perforation.	Turquoise, translucent, 306 M–307 M (weathered)	Acacia seed	L × W × T=0.7 × 0.6 × 0.25	0.83	0.12
41446	I/-3, 15694	Complete, small. One side heavily weathered. Parting layer visible inside perforation. Perforation is slightly off-centre (diagonal).	Dark blue, translucent, 654 M	Acacia seed	L × W × T=0.6 × 0.45 × 0.19	0.55	0.11
41447	H/-4, 15646	Just under 50% preserved, broken along perforation. Slightly thicker on one side along perforation. Dark blue with horizontal, marvered white stripe on thinner side. Parting layer present in perforation.	Dark blue, translucent and white, opaque, 281 M–289 M and white	Acacia seed	L × W × T=1 × 0.4 × 0.3	0.55 (less than 50% bead fragment)	0.21
41448	H/-4, 15646	Half preserved, broken along perforation. Parting layer present in perforation.	Dark blue, translucent, 288 M	Acacia seed	L × W × T=0.7 × 0.4 × 0.19	0.66	0.1
41449	I/-4, 15628	Complete; one aperture is slightly uneven. Parting layer visible inside perforation.	Dark blue, translucent, 280 M	Acacia seed	L × W × T=0.6 × 0.75 × 0.19	0.52	0.11
41450	H/-4, 15656	Just under half preserved, broken along perforation. Heavily weathered surface. Parting layer inside perforation.	Turquoise, translucent, 306 M? (weathered)	Acacia seed	L × W × T=0.9 × 0.35 × 0.3	1.2 (less than 50% bead fragment)	0.15
41451	J/-4, 15727	Complete; tool marks visible on surface. Parting layer visible inside perforation.	Dark blue, translucent, 2747 M	Acacia seed	L × W × T=0.6 × 0.65 × 0.19	0.78	0.16
43044	K/-2, 17577	Half preserved, split along the perforation with parting layer; matrix with bubbles.	Turquoise, translucent, 3125 M	Acacia seed	L × W × T=1.05 × 0.5 × 0.3	1.22	0.16
43045	K/-2, 17577	Half preserved, split along the perforation with parting layer.	Dark blue, semi-translucent, 654 M	Acacia seed	L × W × T=0.75 × 0.4 × 0.4	1.67 (less than 50% of the fragment preserved)	0.18
43046	K/-5, 17516	Half preserved, split along the perforation with parting layer; weathered.	Dark blue, semi-translucent, weathered, 653 M (core glass)	Acacia seed	L × W × T=0.7 × 0.4 × 0.3	1.19	0.12
43047	K/-5, 17554	Half preserved, split along the perforation with parting layer, ends chipped off; weathered.	Brown, translucent, weathered, N/A	Acacia seed	L × W × T=1 × 0.4 × 0.35	1.53	0.18

Table 15.7 Other types of glass jewellery.

Object no.	Provenance	Description	Colour description and Pantone	Pendant- or bead type	Dimensions (cm)	Diameter of perforation (mm)	Weight (g)
40374	H/-4, 15646	Fragment of polychrome, opaque glass. One almost rectangular original edge with rounded corners along a perforation created by a metal rod (mandrel) towards a straight break at a 45-degree angle. The perforation emerges on the original surface of the object, creating an aperture. Two linear tool marks, probably from a pair of tweezers, can be seen towards the rounded edge on one surface. The body is of slightly bubbly and translucent (albeit weathered) brown/amber glass with opaque yellow and green thread decoration that has been layered and marvered. The decoration appears in two sets of lines on both outer surfaces and follows the direction of the curvature. A thicker line of both colours (0.15 cm for both colours) runs parallel to a thinner one of the same combination (0.08 cm), while a third line describes a triangular shape (0.13–0.29 cm) at the base of the curvature. A tiny drip of green glass appears next to the original aperture. This item was initially interpreted as a fragment of a glass fish – i.e. the rear fin. However, if this was the case, then the entire fish would have been perforated, also passing through the rear fin. The known contemporary glass fish-shaped vessels (e.g. BM EA 55193, from Amarna, and Brooklyn Museum 37.316E, reportedly from Saqqara) have been core-formed, with the metal rod holding the core entering the body of the vessel from the mouth and the rear part being sealed. Fish-shaped, fully perforated beads appear to be rare. Comparison is possible with BM EA 26401, a monochrome, opaque dark blue fish amulet of glass, which is perforated lengthwise, although the latter has a different rear fin shape (Cooney 1976: no. 1884; cf. Stevens 2006: 54–56 for a list of fish amulets from Amarna, although not of glass). A further possible interpretation which has since been discarded would be a heart amulet (the two upper extremities). Alternatively, this may be the foot, or even part of the head, of a glass Taweret figure, which also exist in glass (cf. Stevens 2006: 39–40, cf. EES object card TA.OC.30-31.429, cf. Berlin ÄM 36073, which is a likely parallel). A final possible interpretation is the petal of a pomegranate pendant, which would also have been perforated throughout, although the tool marks on the end of the object would have created a vertical shape, rather than a horizontal or diagonal one, common for such amulets. <i>pXRF (brown glass): little Sb detected. Some Cu and Sn, low Co. Elevated Pb.</i>	Polychrome, semi-opaque (brown), 652M, 554M, 7405M	N/A	L × W × T=1.01 × 0.71 × 0.49	N/A	0.43
40690	J/-4, 15727	Fragment of curved, ring-shaped, opaque yellowish-white rod. One end is broken, the other appears to be original: cut with rounded corners. Section is oval with slightly squared surfaces. The curve is even although slightly off-centre and the surface slightly weathered. Probably a hair-, ear- or finger-ring, although the object may also be a working piece. However, the even rounding makes it most likely that this is a piece of personal adornment. <i>pXRF: no Sb detected. Elevated Fe. Some Cu, no Co.</i>	Colourless, transparent, warm grey 1 M	N/A	W × T × diam.=0.47 × 0.38 × 2.28	N/A	0.91
41441	K/-4, 15664	Lower part, broken off, exposing remains of perforation without parting layer.	Dark turquoise, translucent, 308 M	Drop	L × diam.=0.55 × 0.7	N/A	0.46
41442	I/-4, 15630	Complete except broken perforation at top. Large bubble visible in the matrix. Parting layer in perforation. Cf. Kemp and Stevens 2010b: 103–104, object no. 34118 from the house of Ranefer, and Boyce 1995b: 82, object no. 8558 from P46.33.	Mid-brown with a hint of violet, translucent, 499 M?	Drop	L × W × T=1 × 0.7 × 0.6	1.11	0.45
41496	H/-4, 15778	Bottom half of a drop-shaped pendant. Broken along perforation, which contains parting layer.	Turquoise, opaque, 7461 M	Drop	L × W × T=0.5 × 0.55 × 0.5	1.24	0.24
43042	G/-5, 17514	Possible three-dimensional poppy bud pendant, which has been cold-worked, possibly from a glass rod. Its loop is half broken off and is whitish on the interior, probably from drilling. Hole at base near edge, which continues through the base, probably a bubble that was caused by an impurity. The surface has been polished but is now dull due to weathering. Encrustations of sand trapped on the surface in small pits which are the result of bubbles in the matrix. Cf. Kemp and Stevens 2010b: 102–103, object nos 34751, 35529 and 35843.	Dark blue, translucent, 540 M?	C13a (Amarna), 45L (Gurob)	L × diam.=0.95 × 0.6	0.98	0.43
43043	L/-2, 17611	Papyrus-column bead (often referred to as an ‘ear plug’ in the literature: see Hodgkinson 2021), split along perforation. Shaft also broken off; disc surface concave; one large and some very small bubbles visible in section; yellow circle of glass around disc and possibly white line of glass around edge; slightly weathered.	Turquoise, translucent; yellow and white, opaque, 299 M and 143 M	Papyrus column	L × T × diam.=0.8 × disc: 0.2 × disc: 1.45; shaft: 0.5	1.66	0.67
43050	H/-5, 17702	Fragment of a possible drop-shaped pendant: lower part only. Brown accretion (ceramic?) at one break; small bubbles in matrix; weathered. May also be a drip of glass from working.	Blue, translucent, N/A	Drop	L × diam.=0.5 × 0.5	N/A	0.2

Table 15.8 Turtle pendants (glass and agate/carnelian), all belonging to Boyce type X4.

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)	Diameter of perforation (mm)	Weight (g)
40373	H/-4, 15646	Pendant or amulet made from glass in what appears to be the shape of a turtle. The object is unfinished and was in the process of being cold-worked from a glass bar when the piece was damaged. The folds of the bar are not discernible in the section of the object, indicating that the bar was well fused. The striations of the glass bar are still discernible on both surfaces of the object, and the colour of the core glass can be seen where the object was worked. The colour of the core glass is equivalent to that of ingot fragment 40344, indicating that the glass belonged to the same batch. The object is roughly star-shaped, with five strands projecting from a roughly rectangular shape, depicting the head and the fins of the turtle. One slightly pointed strand, the head, had been perforated as a loop. The perforation is very close to the surface of the bar on one side, only being closed off by a thin portion of glass. No evidence of drilling is visible in the perforation, although it is possible that it was formed in this way, the absence of a fold indicating that this was not a perforation produced by folding the bar. However, the object is thicker at the loop (0.31 cm) than at the base (0.24 cm), which may mean that a perforation created by a metal rod around which the bar was folded was used as the loop. Of the other projecting strands, the two on either side of the loop have broken off and have been reduced to stumps, and another one is rounded off and appears also to have been damaged during manufacture.	Dark blue, opaque, 2726 M–2736 M	0.35 × 1.11 × 0.61	1.11	0.61
40577	H/-4, 15656	Amulet or pendant of warm red carved agate in the shape of a turtle. The pendant is carved into an irregular star shape, with five strands projecting from a central, roughly rectangular part (similar to the glass pendant object no. 40373, and agate pendant object no. 41440). One strand (the head) forms the loop with the perforation, which has broken through during drilling, the interior of which is coated in white lime powder with traces of copper. A slight rise in material inside the perforation indicates that it was drilled from both exterior sides. The back is flat and completely polished. The front is convex and partly polished, with the thickest part (0.34 cm) nearest the perforation (and only 0.2 cm towards the foot). The front is only partly polished with some shaping retouch still visible. It appears as though the object was pre-formed before being perforated and then discarded once the perforation broke. Further decorative detail would have been added to the body later.	Warm red, 179 M–180 M	0.38 × 1.2 × 0.4	1.2	0.4

Object no.	Provenance	Description	Colour and Pantone	Length × Width × Thickness (cm)	Diameter of perforation (mm)	Weight (g)
41440	I/-3, 15645	Amulet or pendant of carved, warm red agate in the shape of a turtle. The object has been shaped into a star, with five strands projecting from a roughly rectangular central portion, the turtle shape being almost finished. The front of the central part is convex and varies in thickness (0.2 cm near the foot and 0.32 cm near the loop). The surface has been polished matte, while the back is also polished and flat. The object was probably discarded during manufacture because the loop broke while it was being drilled. A rise in the stone towards the centre of the perforation indicates that it was drilled from both sides. A white, powdery accretion (probably lime) with a tint of green (probably from a copper tool) can be seen inside the loop. Had it been completed, the object would have received further decorative detail on its body later.	Red, 179 M	0.3 × 0.6–1.2 × 0.39	0.6–1.2	0.39

Table 15.9 Jewellery of agate and other stones.

Object no.	Provenance	Description	Colour and Pantone	Dimensions (cm)	Diameter (cm)	Diameter of perforation (mm)	Weight (g)
40695	L/-4, 15785	Large, slightly flattened sphere (FS2–3) bead made of agate or carnelian with high polish. Drilled hole on one side is 2.3 mm in diameter and has a slight indentation (shallow conical depression as drill preparation) around it on one end and is wider and slightly chipped at the other end (where it is 2.9 mm wide). Both drill holes show scattered fine damage.	Warm red, 483 M–484 M	T=0.9	1.16	2.3–2.9	1.61
40701	J/-4, 15679	Roughly drop- or petal-shaped pendant of grey stone (poss. greywacke). Flat back with the convex front surface slightly faceted along the face: cut to shape but not yet polished. Short end is perforated/drilled and tapers; the object flares out towards the lower end, which is rounded. Small chip missing from one corner at the back. Glass parallel: British Museum EA 7572.	Dark violet-blue, 646 M	L × W × T=1.75 × 0.16–0.54 × 0.3	N/A	N/A	0.32
41706	K/-2, 17577	Small spherical/flattened sphere (FS1–2) bead of agate with tapering drill hole (1.4 to 1.6 mm in diameter). Area around smaller drill hole appears irregular because it shows signs of grinding and shaping. Polish of varying intensity: very shiny around biggest circumference, but not completed around the drill hole areas.	Warm red, 1805 M–1815 M	L=0.3	0.4	1.4–1.6	0.08
42019	H/-5, 17702	Fragment of a circular limestone ear- or hair-ring. Thinner towards the edges. About 50% of diameter preserved; one end is broken, the other appears to be original. Cf. Boyce 1995b: 74, 75, object nos 8557 and 8731 from house P46.33.	White, N/A	L × W × T=2.25 × 1.15 × 0.25–0.5	c.2	N/A	N/A

CHAPTER 16: HOUSEHOLD ITEMS

Table 16.1 Glass vessel fragments.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40296	H/-4, 15620	Overall irregular shape. One face is intact and slightly curved and convex, and has a polished appearance. Broken off along its long side. Perpendicular to the rounded edge, the remains of two flat surfaces run almost parallel to one other: one is at right angles, the other at a slightly larger angle. Tiny bubbles are visible in the matrix. The rounded surface is slightly pitted due to small inclusions. The direction of the surfaces indicates that this is either an edge fragment of a glass bar or a rim fragment of a core-formed vessel. <i>pXRF: no Sb detected. Elevated Mn and Cu.</i>	Dark turquoise-blue, translucent, 303 M	1.33 × 0.53 × 0.34	0.3
40309i	H/-4, 15620	The larger of two non-matching fragments of dark blue glass, probably of a core-formed vessel. The fragment is rectangular and non-diagnostic. It is convex on the outside, and concave on the inside, both along the longer side. The fragment is heavily weathered and the surface of the glass shows numerous small, white cracks. The convex surface shows protruding diagonal ridges where the coils of glass have not receded or been marvered into the surface during manufacture. Very few, tiny bubbles are visible on the outer surface. The fragment varies in thickness along the long edge (0.13–0.21 cm). The concave inside of the fragment is dull and shows three small patches (max. 0.12 cm) of a light green substance, possibly a parting layer that has reacted with the copper colourant in the glass, or that has absorbed some of the copper from a metal rod around which the object was formed. The interior surface shows some cracks, indicating that the object may have fractured during manufacture, although this is not certain. Two small ridges (opposite the ones on the outside) may indicate some unevenness in the core material or the metal tool.	Dark blue, translucent, 294 M	0.92 × 0.63 × 0.14–0.22	0.22
40309ii	H/-4, 15620	The smaller of two non-matching, non-diagnostic fragments of dark blue glass, probably of a core-formed vessel. Similar to object no. 40309i, the surface of this piece is convex and heavily weathered, showing up the cracks in the surface. Only a very small portion of the slightly concave inside is preserved (0.3 × 0.1 cm), without any visible remains of a parting layer.	Dark blue, translucent, 294 M	0.7 × 0.33 × 0.2	<0.01
40371	H/-4, 15646	Roughly trapezoid, non-diagnostic fragment, possibly from a vessel (or a large bead?). Convex on one surface, which is dull and cracked from weathering. The fragment becomes thicker towards one short side, along the long edge (0.1–0.25 cm). The break/section shows two different layers of glass, indicating that they were applied in two instances. A large (0.35 cm in length) bubble has caused a gap between the two layers, possibly causing the piece to crack and break. The inside is concave and slightly tubular and may bear faint traces of a parting layer, although this is not certain (surface is dull).	Dark turquoise, translucent, 315 M	0.95 × 0.81 × 0.11–0.25	0.25
40377	H/-4, 15646	Roughly trapezoidal fragment. Rim (1.1 cm preserved) is 0.3 cm wide and flat, with a slight protuberance on the exterior of the vessel (wall thickness below rim is 0.25 cm; thickens out to 0.3 cm just below). The fragment probably belonged to an open vessel, possibly a goblet or similar, based on the straightness of the rim in relation to the wall of the vessel. Small bubbles (0.05 cm max. diameter) visible in the break and as pockmarks across both surfaces, where sand encrustations have accumulated. The exterior surface was polished, as evidenced by horizontal/diagonal lines on the surface and a shiny appearance. The interior may also have been polished, with fine, vertical lines describing the direction of movement; they may also be connected with the removal of the core. Slightly deeper, horizontal lines on the interior surface of the vessel (also encrusted with sand) may mark the fusing of the coils of glass by which the vessel was produced. No parting layer is present on the inside of the vessel fragment. This, and the polishing of the vessel, indicates that the item was finished before breaking and being discarded. About 4–5% of the diameter (would have been c.7 cm) is preserved. <i>pXRF: low Sb, although object is opaque. Both Co and Cu present. Elevated Pb.</i>	Dark blue, opaque, 2756 M	3.26 × 2.69 × 0.29 (lower break), 0.35 (near rim), 0.33 (rim)	3.85
40446	J/-4, 15662	Roughly trapezoidal fragment, probably of a vessel. Non-diagnostic, convex on the outside and concave on the inside. Fractures are visible throughout the fragment and several bubbles are visible in the matrix. The outer surface is shiny, although no signs of polish are discernible. Only a small, triangular portion of the inside is preserved (0.8 × 0.4 cm).	Dark blue, translucent, 2756 M	1.3 × 0.71 × 0.34	0.27
40527	K/-4, 15685	Triangular fragment. All edges are broken, but a faint lip that protrudes from the surface of the piece by c.0.3 cm indicates that this fragment derives from the upper part of a vessel, near the rim. This, together with the convex outer surface of the fragment, indicates that the vessel had a closed body shape (albeit possibly with an open neck, such as a <i>krateriskos</i> or an <i>amphoriskos</i>). The thickness of the section varies between 0.22 and 0.29 cm. Small bubbles (0.06 cm max. diameter) are visible throughout the fragment, both on the convex outer surface and in the section. The inner surface is coated in white-greyish parting layer, on top of which brown-grey patches of what may be the remains of the vessel core (or weathered parting layer) can be seen. This may indicate that the vessel broke during the process of core removal and before usage, although this is not certain. <i>pXRF: low Sb. More Cu than Co, some Mn.</i>	Dark blue, semi-opaque, 281 M	1.92 × 1.86 × 0.3	1.15
40745	H/-4, 15656	Small fragment of glass, possible fragment of a vessel (or a bead?). Non-diagnostic and angular, with a convex surface showing cracks and small bubbles. Slightly concave interior with remains of a light green substance, possibly remains of a parting layer that has been affected by copper. Similar to object no. 40921, but no match.	Dark blue, translucent, 294 M	0.56 × 0.41 × 0.29	0.07
40827	K/-4, 15686	Tiny chip, possibly from a vessel. Rhomboid shape with one flat surface with a polished appearance and another, slightly concave surface to which small patches of ceramic or core material adhere. The edges are angular. Tiny bubbles in the matrix. The convex surface makes the interpretation as a vessel fragment possible, although the other, flat surface, the thinness of the object and its overall shape make it possible that the piece was intended as an inlay. <i>pXRF: no Sb detected, elevated Cu and Pb.</i>	Turquoise, translucent, 314 M–315 M	0.71 × 0.39 × 0.07	<0.01
40852	K/-4, 15779	Tiny chip. Thin and flat, roughly rectangular with angular edges. Tapers slightly towards one edge. Bubbles in the matrix. May be an inlay or vessel fragment, although very small.	Turquoise, translucent, 306 M	0.54 × 0.35 × 0.16	<0.01
40921	H/-4, 15762	Roughly rectangular fragment of a possible vessel. Non-diagnostic; all edges broken. The surface is convex and shiny without any signs of polishing and no bubbles are visible in the matrix. The inside (0.55 × 0.26 cm) is concave and coated with a light green substance, possibly remains of a parting layer that has been affected by copper. Possible, but indefinite, match with object no. 40745.	Dark blue, semi-opaque, 2748 M	0.72 × 0.55 × 0.35	0.13

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
41522	J/-5, 17572	Rod(?), slightly bent, very even. Broken along underside, possibly because it used to function as part of a vessel (e.g. as a rim)? Semi-circular section. <i>pXRF: some Sb detected. More Cu than Co. Elevated Pb.</i>	Dark blue, translucent or semi-opaque, 648 M	1.69 × 0.64 × 0.41	0.71
41597	J/-5, 17572	Small chip, irregular shape with angular edges. One original surface (0.4 × 0.24 cm) is slightly convex, cracked, but very shiny. The other surface (0.29 × 0.14 cm) is slightly concave with what appears to be the remains of a weathered parting layer. Therefore, probably a glass vessel fragment.	Dark blue, translucent, 281 M	0.4 × 0.28 × 0.36	0.03
41606	L/-4, 17517	Non-diagnostic body fragment. Convex surface with some bubbles in the matrix (max 0.05 cm). Mid- to dark blue, monochrome. The curvature of the surface allows the reconstruction of a slightly narrow vessel, such as an <i>amphoriskos</i> . The interior, which is concave, is coated in white-greyish parting layer. <i>pXRF: very little Sb detected. More Cu than Co.</i>	Dark blue, translucent, 654 M	1.4 × 1.95 × 0.15–0.2	0.84
41819	J/-2, 17534	Tiny, roughly triangular, non-diagnostic vessel (or bead?) fragment. Surface is very slightly convex and bears marvered or melted thread decoration. The latter is white in appearance, but may be of a different colour and weathered. The other side is flat and bears the remains of what appears to be a parting layer. Bubbles are visible in the matrix.	Dark blue, translucent, 534 M and white(?)	0.4 × 0.35 × 0.25	<0.01
41969	G/-4, 17721	Small, possible vessel fragment, heavily weathered. Possible tool marks visible; therefore, possibly a working piece/extract? The outside is convex. Green patina on the inside from bronze. Dark blue original colour discernible through microscope. Similar to object no. 42017, but no fit.	Dark blue, N/A	0.47 × 0.56 × 0.27	0.06

Table 16.2 Faience vessel fragments.

Object no.	Provenance	Description	Colour description and Pantone	Dimensions (cm)	Diameter (cm)
40465	G/-3, 15658	Fragment. Glazed on two surfaces, both of which are rounded, one concave (inner) and one convex (outer). Brown faience core between the glazed surfaces. Slightly mottled and weathered glaze.	Turquoise, 314 M	L × W × T=2.65 × 1.44 × 0.78	8
42002	J/-3 / K/-3, 17668	Rim fragment. Probably from a <i>kohl</i> jar. Glaze well preserved, but slightly pitted.	Dark blue, 7462 M	H × W × T=1.45 × 1.9 × wall: 0.55, rim: 0.3	rim: 4

Table 16.3 Faience inlays (largely moulded, not cut and ground).

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)
40646	I/-5, 15753	Fragment of a moulded model grape bunch inlay. Convex front, flat back. The glaze is dark blue and shiny, with a pattern of round grapes. Part of the edge is preserved, with glaze on the front surface and reverse. A thinner glaze covers the reverse. Thick fine grey layer underneath the glaze. Very fine brown faience core. Cf. Kemp and Stevens 2010b: 290, object no. 35819.	Dark blue, 286 M	1.2 × 0.86 × 1
40647	H/-5, 15786	Fragment. Glazed on two sides and one edge, with a brown faience core. The glaze on the reverse side and edges is lumpy and tinted pale green/yellow. Textile imprint on reverse. The glaze on the front is much finer and textured. Four stripes of green run at different angles to each other with thin indentations marking the edges between the stripes. Probably a pattern of leaves.	Green, 556 M, 564 M, 562 M/563 M	1.92 × 1.41 × 0.36
41004	L/-4, 15793	Fragment, moulded. One original edge is preserved, the other three edges are broken off. Convex front, flat back (semi-circular in section). The glaze is well preserved, shiny and slightly dimpled. Very fine cream-coloured core.	White (no equivalent)	0.59 × 0.38 × 0.25
41798	L/-4, 17517	Fragment of an oxhide inlay. Discoloration due to weathering. Glaze still quite shiny in parts, very fine grey core, well preserved on all sides.	Dark blue, 534 M	1.7 × 2.8 × 0.35
41799	I/-2, 17550	Fragment from the top of a lotus-flower inlay, moulded, but with fine detail in raised relief. Top surface is very slightly convex; tile becomes thinner towards the edge, back is slightly concave and glazed in white with brownish discoloration, pitted. Slightly weathered, very fine white core. Parallels: MFA Boston 1988.339 (Freed <i>et al.</i> 1999: 227); MMA 26.7.967.	Leaves=green, petals=blue, tips of petals and gaps=white, 7490 M (leaves) and 646 M (petals)	2.3 × 1.6 × 0.4–0.6
41866	I/-2 N, 17659	Fragment of a tile or inlay. Original edge is rounded. Top is flat, base is convex. Light green-turquoise colour with red-brownish fringe. Most sides broken away. Glaze on top of thin white layer with a fine cream-coloured core; base also covered in thin grey layer with faint textile imprint.	Light (blueish) green, 7494 M	2.5 × 2.35 × 0.5 max.
42892	J/-2, 17508	Small edge fragment, moulded. Tapered edge (triangular cross-section) with two very small chips broken off (probably post-excavation). Very glassy glaze with fine cracks. The reverse side is also slightly glazed over. Fine white layer underneath the glaze (on the front as well as the reverse).	Light green, 7464 M	0.6 × 0.75 × 0.5

Table 16.4 Glass inlays.

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40387	H/-4, 15646	Tiny chip, long, narrow and flat. One surface is smooth and all others are broken off. Small groove along one edge. Ripples visible on one surface. Possibly from a glass bar that has broken along the perforation.	Turquoise, opaque, 311 M	1.3 × 0.18 × 0.11	<0.01
40444	K/-4, 15664	Triangular, with two long sides and a short one. Roughly trapezoidal section. Flat with one polished surface and angular and chipped edges. Both surfaces are weathered. Probably intended as a floral element or infill as part of a collar, such as has been inlaid into the coffin of Yuya (lower tiers: Cairo JE68962).	Turquoise, opaque, 306 M	0.8 × 0.52 × 0.13	0.06
40570	L/-4, 15684	Intact probable inlay. Rectangular shape with rounded corners and one convex and another flat surface. Somewhat thicker than the other glass inlays uncovered at the site; therefore, possibly intended for a different receptacle, such as a piece of furniture? Both surfaces are weathered except in a narrow band along one edge and onto one end. One corner displays a small, almost circular indent. Possibly Gardiner Z8 (?) (<i>šnw</i>) (Gardiner 1957).	Turquoise, 3135 M	1.2 × 0.6 × 0.45	0.58
40702	K/-4, 15673	Semi-circular shape (slightly irregular) with a polished straight edge that was most likely cut since it does not run parallel to the striations on the surface, and a chipped semi-circular edge. Section is rectangular with a slight incline on the chipped edge. Both surfaces are flat and smooth (and weathered). Glass is translucent, but weathered to appear almost opaque. Possibly a monochrome Gardiner V30 (<i>nb</i> basket; Gardiner 1957).	Dark blue, translucent, 2767 M (heavily weathered)	W=0.9 × T=0.15, diam.=2	0.58

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)	Weight (g)
40916	I/-3, 15732	Flat fragment with an irregular trapezoidal shape and a roughly trapezoidal section. Three edges are slightly curved and show marks of chipping. The short edge curves outward, while the two long ones curve inward. The other short edge may have been broken off, although this is uncertain; thus, the inlay may have been larger. This is possibly the tail of an aleph-vulture (Gardiner 1957: G1), the petals of a cornflower or of another floral element forming part of a collar (see coffin from KV55: Cairo JdE 39627). The piece might also have been intended as Gardiner W14/15 (<i>ḥs</i> vase; Gardiner 1957); cf. the coffin of Yuya (Cairo JE68962).	Turquoise, opaque, 7461 M	0.89 × 0.36–0.64 × 0.12	0.1
40917	I/-5, 15761	Flat fragment with a roughly trapezoid shape with angular edges and a rectangular section. One long edge is rounded, indicating that it has not been cut. Two of the other edges are straight and appear to have been cut; no chipping marks are discernible. The remaining short edge is irregular and appears to have broken off. Both surfaces appear to have been polished. Heavily weathered on one surface. Shape resembles the edge of Gardiner N1 (<i>p.t</i> -hieroglyph; Gardiner 1957). <i>pXRF: Sb present. Co-Cu coloured.</i>	Dark blue, opaque, 655 M	0.9 × 0.7 × 0.1	0.14
40924	I/-4, 15778	Flat, and roughly rectangular; tapers slightly towards one end. One surface (reverse) with chipped edges; other side is flat. Both short ends have straight edges, indicating that they have either been intentionally shaped in this way or broken off. One short edge runs perpendicular to the long edges, the other one is diagonal, the resulting shape resembling Gardiner Aa11 (Gardiner 1957), although a horizontal bar as part of a composite inlay, or a feather (e.g. of a vulture, see the coffin of Yuya: Cairo JE68962) is also a possible interpretation.	Blue, opaque, 2726 M	1.7 × 0.4–0.5 × 0.15–0.2	0.29
41550	K/-5, 17516	Fragment of an irregular shape. Stretched out, although with indented/bulging long edges that have been chipped. One short edge appears to have been broken or snapped off, creating a straight line, where no chipping marks are visible. The opposite short edge appears to have been chipped into shape. The object has a rectangular section with sloping sides due to the chipping. The upper surface on which the chipped edges are not visible is polished. The lower side has been left rough and shows striations. The chipped small edge appears to be a hoof or foot and, if so, the remainder of the length may be a leg (Gardiner 1957: F25). Although such a leg resembles that of a goat, the closest parallel is a composite <i>p3</i> bird (Gardiner 1957: G40) inlay in the coffin from KV55 (Cairo JE39627).	Turquoise, opaque, 7459 M	1.02 × 0.42 × 0.12	0.04
41657	L/-4, 17517	A possible unfinished inlay. Roughly circular in shape. Polished, flat surface, with some slight protrusions. The other side is convex and appears to be chipped. Weathered.	Turquoise, translucent, 631 M? (weathered)	0.4 × 0.32 × 0.23	<0.01
41743	G/-4, 17513	A possible glass eye inlay, such as for a piece of sculpture or a coffin. The material is clear, translucent and without bubbles, albeit with a blue tint, which makes it impossible that the material is rock crystal. The shape is an irregular oval and the frontal surface of the object is slightly convex and highly polished. One edge is rounded; the opposite edge appears to have been broken off, creating a concave break, which may have rendered the inlay unusable. The back of the object is also convex, but worked, and displays very fine chipping marks around the edges. There is a flat, although slightly pitted, surface on the back of the object (0.75 × 0.6 cm), where the inlay would have touched the flat part of the insert (or mortice). The overall shape of the object resembles that of the pupil set into composite eye inlays, such as can be discerned (in different materials) in coffins of the New Kingdom (see, e.g., the coffins of Yuya and Thuya: Cairo JE68962 and JE68965). The reverse of the inlay would have been painted or backed by a different colour. <i>pXRF: low Co, no Cu. Very low Sb.</i>	Colourless, transparent, with a blue tint, 7457 M (closest equivalent)	2.53 × 1.98 × 0.67	3
41836	G/-4, 17513	Unfinished inlay with an irregular shape. Flat, with grooves and chipped, slightly indented edges. The intended shape is not recognisable: possibly unfinished Gardiner F25 (Gardiner 1957), Aa13–16 or O29 (cf. coffin of Yuya: Cairo JE68962), or part of a composite inlay? The surface is heavily weathered.	Red, opaque, N/A	1.35 × 0.53 × 0.11	0.1

Table 16.5 Stone inlays.

Object no.	Provenance	Description	Colour description and Pantone	Dimensions (cm)
41944	I/-2 N, 17659	Small and lentoid in shape. Probably of jasper . Appears polished; fine radial grooves visible, possibly from shaping. Both sides are convex; one is more pointed than the other, indicating a possible use of this object as an inlay, although the object may also be a fossil.	Red, opaque, 175 M	T × diam.=0.15 × 0.4
43224	I/-2, 17550	Fragment of a stone inlay of metagraywacke (commonly referred to as ‘schist’ – see Harrell 2013: 3). Irregular trapeze/rectangle with only one original, slightly curved edge intact. One surface is flat; the other is convex, tapering towards the intact edge. The surface colour of the piece is light green, while dark red veins are discernible on the interior of the stone. The object may originally have had the shape of an oxhide ingot.	Red (weathered green), N/A	L × W × T=2–2.6 × 1.2–1.8 × 0.3–0.7

Table 16.6 A possible gypsum mortar filling.

Object no.	Provenance	Description	Length × Width × Thickness (cm)
40620	I/-4, 15605	Fragment of a possible gypsum mortar filling. Overall roughly rectangular with angular, rough edges. One short edge is broken. One surface bears a curved recess with a slightly concave base. The recess has also broken away. The intact end is straight. The recess is 1.8 cm wide and 0.5 cm deep. The surface is smooth. The curved edges are very smooth and have the bubbly appearance of gypsum. The underside is flattish, but rough. Cracks in the lower surface. The curved carving bears a faint blue (?) stain that goes over the lip. Possibly a mould for another object or a gypsum filling that held an inlay? Alternatively, the recess may have been created during another industrial process.	8.43 × 6.8 × 4.33

Table 16.7 Wooden and bone objects (possible tools and a possible inlay).

Object no.	Provenance	Description	Length × Width × Thickness (cm)
41032	G/-3, 15658	Possible tool made from wood (species not identified). Triangular, with one slightly slanted (almost perpendicular) end. Tapers towards the other side, resulting in a point. The two main surfaces are flat and appear to have been polished. The wood has an oval aperture (0.25 × 0.15 cm) 1.1 cm from the straighter short edge. Around this aperture, in particular towards the pointed end, a groove (1.4 cm) runs down the surface of the object, possibly a result of use or from making the hole. All edges of the object are intact and have been cut perpendicular around the area of the aperture and the broad end. For the most part, the section of the object is roughly rectangular. Towards the point, the flat surface on one side has been worked diagonally, giving the object a trapezoid section. Possibly a needle or an awl for textile working(?).	3.95 × 0.01–0.62 × 0.24
41835	J/-5, 17662	Dark brownish grey, overall trapezoid fragment with one flat surface: possibly an inlay . The opposite surface displays a wavy pattern, which is the interior structure of the bone (i.e. the ‘spongy bone’). The edge of one short end appears to have broken off; the other edges are abraded. Heavily weathered. The overall shape of the object resembles that of an inlay, although a textile-manufacturing tool, such as a pin-beater/bone point (with a missing tip) is also possible (see Kemp and Vogelsang-Eastwood 2001: 358–373).	1.51 × 0.56 × 0.19
43266	K/-4, 15729	Possible tool , carved from bone . Roughly oval in shape with a convex and a flat surface, and one squared end and another that appears to have been ground down to a tip, which has broken off. The bone itself has been cut lengthwise (approximately in half). The convex surface tapers towards the former tip and bears cut marks in addition to numerous polishing/sawing or use-wear marks that run horizontal to the length of the object. One deeper linear incision is discernible on the side of the object, towards the squared edge of the object, in addition to another, shallower incision below it. A tiny hole is discernible below the incisions. No corresponding incisions can be made out on the other side of the object. The object is similar in shape and has wear marks similar to those found on the weaving tools known as ‘pin-beaters’ or ‘bone points’ that were used to push down the weft. Numerous parallels have been found in the Workmen’s Village at Amarna, for example (cf. Kemp and Vogelsang-Eastwood 2001: 358–373).	2.2 × 0.7 × 0.4

Table 16.8 a) Jar stoppers and b) a jar sealing.

a) Jar stoppers

Object no.	Provenance	Description	Length × Width × Thickness (cm)
41770	K/-2, 17595	Small, almost circular, ceramic object. Slightly convex surface. Edges appear chipped or polished. Possibly a jar stopper.	2.8 × 2.5 × 0.75
41921	G/-5, 17514	Small, almost circular, ceramic object. Blackened. Slightly convex surface. Edges appear chipped or polished. Possibly a jar stopper.	2.45 × 2.25 × 0.8

b) Jar sealing

Object no.	Provenance	Description	Height × Diameter (cm)
43208	G/-3, 15763	Cone-shaped, squat jar sealing of fine silt. The base is preserved, top eroded and sides slightly damaged. Patch of textile impression preserved on base.	2.8 × 4.4

Table 16.9 A stamped clay seal and possible sealing clay fragments: all of fine, dense and dark grey/black clay.

Object no.	Provenance	Description	Length × Width × Thickness (cm)
40718	L/-4, 15793	Object made from unfired clay. One convex surface with steeply rounded sides. The back is broken away unevenly; therefore, no string marks or other indentations can be made out. No markings on the surface. Possibly a broken-off corner from a papyrus- or a small jar seal .	2.86 × 2.12 × 1.37
41971	I/-2, 17565	Block of what appears to be charred clay, possibly for sealing. Very fine and dense.	3.15 × 2.25 × 1.9
41972	I/-2, 17534	Block of what appears to be charred clay, possibly for sealing. Very fine and dense. One side is flat, with mica inclusions.	2.3 × 2 × 1.1
41977	I/-2, 17732	About 30–50% of a clay seal made from very fine clay. Stamped with an oval/cartouche, reading ‘ <i>nswt-bi.ti nb</i> ’. Top of stamp is missing (broken off). Fingerprints visible. The inside is concave, outside convex. Possible rim visible where the sealing would have touched the rim of a vessel, a knob for a piece of furniture or a roll of papyrus. Cf. Pendlebury 1951: pl. C, nos 21, 34.	2.2 × 2.05 × 1.7
42018	I/-2, 17669	Fragment of a clay seal , possibly for papyrus or a box (?). Very fine clay. Textile impressions visible.	1.55 × 1.3 × 0.5

Table 16.10 Unidentified clay objects (possible tokens).

Object no.	Provenance	Description	Length × Width × Thickness (cm)
40717	I/-3, 15794	Object of unfired clay. Roughly round. Flattened with uneven, slightly raised edges. No marks on the surfaces. Does not sit flat on either surface.	4.56 × 4.08 × 0.65–1.03
40719	H/-4, 15792	Object of unfired clay. Roughly oval. One surface is concave and smooth. The other surface is bumpy with thin lines running unevenly across it. One edge is broken away.	4.27 × 2.74 × 1.08
42027	K/-2, 17577	Object of unfired clay. Circular shape, c.25% of diameter preserved (originally c.6.5 cm); top is convex and imprinted with occasional small dots. The outer rim is lapping upward. Possibly a bread token.	3.7 × 3.1 × 0.9

Table 16.11 Figurines: a) Monkey figurine of (local) limestone; b) Faience objects; c) Figurine of Nile silt.

a) Monkey figurine of (local) limestone

Object no.	Provenance	Description	Length × Width × Height (cm)
40615	I/-4, 15755	Figurine carved in the round from rough limestone, showing the back and drawn-up legs of a monkey. The figure is seated on a rectangular base with rounded short sides and is carved three-dimensionally. Its back is straight, although slightly leaning towards the front. From its lower edge, a linear feature protrudes and runs on the base around its right-hand side, describing the monkey’s tail. The head and part of the shoulders of the figurine are missing. The figure may have been depicted either holding or supporting an indeterminate object, which is described by a diagonal slope, the lower surface of which is abraded. The upper surface, in front of the figurine’s chest, is rounded, without any space between the figure and the object. The lower slope of the object rests on the figure’s feet, supporting it, similar to the monkey playing a harp (e.g. ÄM 28770, see Hanus 2012: 240–241). Another possibility is the presence of a second monkey, possibly offspring, in front of it (see Kemp and Stevens 2010b: 232–233, object no. 35063, for an example of this, although without the slope, or ÄM 28790, where the monkey figure holds what appears to be a stela in front of itself, in front of which a smaller monkey is seated). However, the slope (rather than the upright position) of the object makes this unlikely. A similar slope can be found in an example of a monkey eating fruit (Petrie Museum UCo25; cf. Markowitz and Lacovara 1999: 256), where the fruit is modelled on a slope running diagonally from the monkey’s body as negative space. Another example of the slope is present in an object from the Amarna Workmen’s Village (see Stevens 2012: 192, fig. 13.1, 195–196, object no. 38131), which holds a sloping, albeit indeterminate object in front of its body, which could be a musical instrument, a pile of fruit or a vessel (see Petrie Museum UCo26 for an example of a monkey eating grapes). The rounded/convex (presumably partially original) surface of the slope makes a free-standing element, such as the back part of a harp, most likely. No paint survives on the figurine or its base.	6.07 × 2.87 × 4.52 (overall)
Detailed dimensions (cm): Base: length: 6.1, width: 2.8–3.1, thickness: 1.1 (rear end)–1.0 Figure: height: 3.3 (without base), width: 3.1, height of legs from base: 2.7, width of body (back to knees): 2.85, length of slope (as preserved): 4.1, width of slope (as preserved): 1.2, thickness of slope from monkey’s knees to preserved surface: 0.8.			

b) Faience objects

Object no.	Provenance	Description	Colour description and Pantone	Length × Width × Thickness (cm)
41757	K/-2, 17595	Fragment, broken off larger piece. Long sides are somewhat broken, but appear to run parallel. Convex base, flat surface. Two parallel grooves are discernible on the surface, and these could possibly depict the stem of a flower, the edge of a water basin or another delimiter. The painted decoration next to the double line (dark brown, probably black originally) is probably floral (a palm leaf or a lotus flower) or could maybe also depict the tail of a bull or a fish. A small amount of green colour of the image backdrop is preserved. The orientation of the object is uncertain. Coarse grey-brown core material. The glaze is very weathered and dull, with little colour remaining. This is either an inlay that would have been part of a larger scene or a throw-stick (cf. Kemp and Stevens 2010b, 234, object no. 36698; see also Stevens 2006, 118–119 and EES object cards TA.OC.23.234).	Green, dark brown, 346 M, 7533 M	1.19–4.07 × 3.38 × 1.44
41797	I/-2, 17565	Fragment. Overall oval in shape with one broken edge and otherwise two straight, intact long sides and one rounded, intact short side. One side of the piece is glazed red, and this side is concave, while the other side is coated in white, crumbly glaze, the core being largely exposed. The upper (red) glaze is very thick (just <2 mm), shiny and slightly pitted with fine lines/striations. The core is fine and sandy-brown. The piece may have been part of a model bird, such as a duck or a goose from the lid of a vessel. The object would have been inserted into a surface: if this was the bill of a bird, the head of the animal would be twisted towards its back, the bill resting on its back feathers. An alternative interpretation would be that the piece constitutes part of the animal’s feather pattern, this being due to the visible striations. A faience duck, possibly dating to the New Kingdom, is Louvre no. E 10857 (cf. Friedman 1998: 128, 219, cat. no. 95), although with painted feathers and a three-dimensional bill. The concave upper surface makes it unlikely that the piece was an inlay intended for a flat surface.	Dark brownish-red / white, 181 M; white	2.35 × 1.5 × 0.7

c) Figurine of Nile silt

Object no.	Provenance	Description	Length × Width × Thickness (cm)
43242	L/-2, 17611	Torso of a solid, mould-formed female figurine. The figure is naked and slender. Thin lappets of a wig extend over the breasts. The right arm is bent and crossed over the chest and holds an object. The left arm is extended and holds a bulbous object. A figure from the Petrie Museum (UC129) holds what may be a lotus flower. This figure appears to be pregnant, indicated by the shape of the woman’s abdomen. Such figurines are seldom depicted as being pregnant, although a few examples are known from Deir el-Medina (Austin and Arnette 2022; S. Prell, pers. comm 2024). The reverse is flat and roughly smoothed. The fabric is Amarna 1.1/NB 2 with a black core. See Kemp and Stevens 2010b: 218, object no. 34933 from N50.23 (10851).	6.5 × 3 × 1.9

CHAPTER 17: DISCUSSION, INTERPRETATION AND CONCLUSIONS REGARDING THE ARCHAEOLOGICAL REMAINS EXCAVATED AT SITE M50.14–16



Figure 17.1 3D model of the site, based on the archaeological and architectural remains excavated in 1922, 2024 and 2017. Note the temporary structures on the roofs of houses M50.15 and M50.16. Looking north-east. (Produced with software Autodesk 3ds max by P. Docherty.)

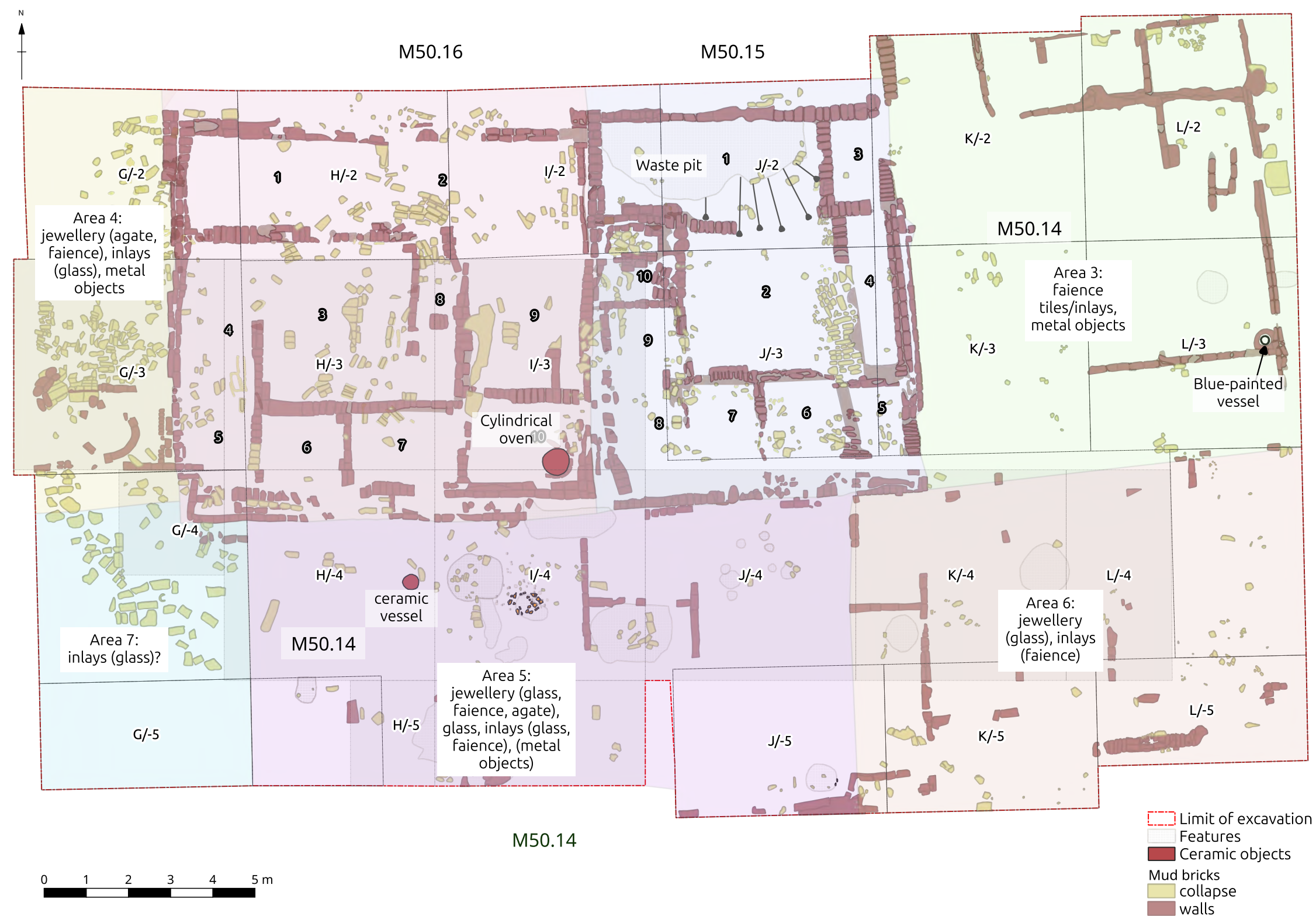


Figure 17.4 Plan of site M50.14–16, divided into activity areas, interpreted by means of GIS-based analysis. (Plan: A.K. Hodgkinson/F. Balestra.)

OBJECT INDEX

Provenance	Object Information
G/-2, 17505	41710 (Glass: Fragment)
	41719 (Glass: Extract)
	41775 (Faience: Ring shank)
	41776 (Faience: Ring shank)
	42609 (Faience: Inlay)
	42657 (Faience: Bead)
	43013 (Faience: Bead)
	42545 (Faience: Bead)
	42610 (Faience: Inlay)
	42650 (Faience: Bead)
	42656 (Faience: Bead)
	42889 (Faience: Inlay)
G/-2, 17598	41540 (Glass: Rod (?))
	41622 (Faience: Bead)
	42508 (Faience: Bead)
	42669 (Faience: Bead)
	42675 (Faience: Bead)
	42801 (Metal – copper-alloy: Crucible slag)
G/-2, 17655	41725 (Glass: Strip)
	42803 (Metal – copper-alloy: Cold-working waste)
G/-2, 17659	42952 (Gypsum: Plaster)
	42954 (Gypsum: Plaster)
G/-2, 17737	42006 (Glass: Fragment)
	42008 (Glass: Fragment)
	42021 (Ceramic: Metal-working crucible)
G/-3, 17687	42861 (Faience: Inlay)
G/-3, 15610	40305 (Glass: Rod)
	40312 (Glass: Fragment)
	40320 (Glass: Extract)
	40325 (Glass: Fragment)
	40337 (Faience: Tile)
	40338 (Faience: Inlay (edge piece))
	40536 (Ceramic: Faience mould)
	40538 (Faience: Necklace or collar pendant (unfinished) / tile or inlay)
	40563 (Faience: Ring shank and bezel)

Provenance	Object Information
	40579 (Metal – copper-alloy: Crucible dross (?))
	40592 (Metal – copper-alloy: Crucible dross)
	40671 (Glass: Fragment)
	42131 (Faience: Bead)
	42132 (Faience: Bead)
	42663 (Faience: Bead)
G/-3, 15650	40379 (Faience: Inlay)
	40534 (Ceramic: Faience mould)
	40539 (Faience: Necklace Pendant)
	40540 (Faience: Necklace Pendant)
	40568 (Faience: Ring bezel)
	40590 (Metal - copper-alloy: Strip)
	40801 (Glass: Fragment)
	40855 (Glass: Bead (?))
	41460 (Glass: Bead waster)
	42176 (Faience: Bead)
	42177 (Faience: Bead)
	42246 (Faience: Bead waster)
	42340 (Faience: Bead)
G/-3, 15658	40386 (Glass: Rod)
	40396 (Stone / Metal (copper-alloy): Grain with copper-alloy)
	40424 (Faience: Inlay)
	40425 (Faience: Inlay)
	40463 (Faience: Inlay)
	40465 (Faience: Vessel)
	40471 (Faience: Inlay)
	40483 (Faience: Amulet/pendant?)
	40616i (Stone – alabaster/travertine: Drill core / gaming piece)
	40616ii (Stone – alabaster/travertine: Drill core / gaming piece)
	40771 (Glass: Fragment)
	40874 (Glass: Fragment)
	41006 (Metal – copper-alloy: Fragment)
	41032 (Wood: Tool)
	41484 (Faience: Bead)
	42153 (Faience: Bead)
	42166 (Faience: Bead)

Provenance	Object Information
	42178 (Faience: Bead)
	42194 (Faience: Bead)
	42238 (Faience: Bead)
	42247 (Faience: Bead waster (?))
	42351 (Faience: Bead)
	42956 (Pigment: Ochre)
	43071 (Faience: Bead)
	43716 (Stone – Dolerite: Pounder)
G/-3, 15682	40541 (Faience: Necklace Pendant)
G/-3, 15683	40627i (Ceramic: Metal-working crucible)
	40627ii (Ceramic: Metal-working crucible)
	41053 (Stone – sandstone: Fragment / polisher/grinder)
G/-3, 15763	40569 (Ceramic: Faience mould)
	40613 (Ceramic: Metal-working crucible)
	40854 (Glass: Working piece)
	40964 (Faience: Inlay)
	40965 (Faience: Inlay)
	40966 (Faience: Inlay)
	41007 (Metal – copper-alloy: Sheetting)
	42290 (Faience: Bead)
	42291 (Faience: Bead)
	42292 (Faience: Bead waster (?))
	42297 (Faience: Bead)
	42302 (Faience: Bead)
	42324 (Faience: Bead waster)
	42325 (Faience: Bead waster)
	42330 (Faience: Bead)
	42338 (Faience: Bead)
	42347 (Faience: Bead)
	43208 (Clay: Jar sealing)
G/-3, 15800	40699 (Stone – Agate: Polished stone)
	42342 (Faience: Bead)
	42411 (Faience: Bead)
	42957 (Pigment: Ochre)
G/-3, 17501	41840 (Ceramic: Faience mould)
	42509 (Faience: Bead)
	42537 (Faience: Bead)
	42542 (Faience: Bead)
	42728 (Faience: Bead waster)
G/-3, 17541	41711 (Glass: Fragment)
G/-3, 17656 (from charcoal sample)	43932I (Metal – copper-alloy: Fragment)
	43932ii (Metal – copper-alloy: Fragment)

Provenance	Object Information
	43932iii (Metal – copper-alloy: Fragment)
	43932iv (Metal – copper-alloy: Fragment)
G/-3, 17672	41716 (Glass: Rod)
	42805 (Metal – copper-alloy: Casting spill)
G/-3, 17676	42662 (Faience: Bead)
G/-3, 17687	42948 (Pigment: Ochre)
G/-3, 17750	42025 (Faience: Ring bezel)
	42822 (Metal – copper-alloy: Crucible dross)
	42929 (Faience: Inlay)
G/-3? (according to label), 17750	42686 (Faience: Bead)
G/-4, 15609	40398 (Glass: Fragment)
	40399 (Glass: Fragment)
	40400 (Glass: Rod)
	40401 (Glass: Fragment)
	40414 (Glass: Extract)
	41444 (Glass: Bead)
	42167 (Faience: Bead)
	42179 (Faience: Bead)
	42248 (Faience: Bead waster)
G/-4, 15655	40368 (Glass: Rod)
	40542 (Faience: Necklace pendant)
	40693 (Glass: Rod or working piece)
	40703 (Metal – copper-alloy: Cold-working waste)
	40773 (Faience: Bead)
	41067 (Frit: Fragment)
	42135 (Faience: Bead)
	42149 (Faience: Bead)
	42154 (Faience: Bead)
	42206 (Faience: Bead)
	42243 (Plaster (gypsum): Plaster)
	42244 (Faience: Bead manufacture)
	42249 (Faience: Bead waster (?))
	42378 (Faience: Bead waster)
	42379 (Faience: Bead waster)
G/-4, 15667	40462 (Faience: Inlay (waste?))
	40470 (Faience: Inlay (waste?))
	40473 (Faience: Inlay)
	40543 (Faience: Collar (?) pendant loop)
	40560 (Faience: Ear stud)
	40743 (Glass: Fragment)
	40772 (Glass: Fragment)
	40802 (Faience: Bead)

Provenance	Object Information
	40831 (Glass: Fragment)
	40832 (Faience: Bead)
	40879 (Glass: Fragment)
	41486 (Glass: Bead)
	42155 (Faience: Bead)
	42168 (Faience: Bead)
	42180 (Faience: Bead)
	42187 (Faience: Bead)
	42209 (Faience: Bead)
	42210 (Faience: Bead)
	42239 (Faience: Bead waster)
	42250 (Faience: Bead waster)
	42352 (Faience: Bead)
	42353 (Faience: Bead)
	42380 (Faience: Bead waster (?))
	42405 (Faience: Bead waster)
	42410 (Faience: Bead)
	42412 (Faience: Bead)
	42415 (Faience: Bead)
	42420 (Faience: Bead)
	42955 (Pigment: Ochre)
	43068 (Faience: Bead)
G/-4, 15668	41465 (Glass: Bead)
	42181 (Faience: Bead)
	42251 (Faience: Bead)
G/-4, 17513	41680 (Ceramic: Reused sherd / Cylindrical vessel (?))
	41728 (Stone – Dolerite: Pounder)
	41729 (Stone – Quartzite: Rubber or grinder (?))
	41743 (Glass: Inlay)
	41745 (Glass: Fragment / working piece (?))
	41746 (Glass: Fragment)
	41750 (Glass: Rod)
	41752 (Glass: Strip)
	41755 (Ceramic: Metal-working crucible)
	41767 (Ceramic: Faience mould)
	41768 (Glass: Fragment)
	41789 (Faience: Necklace Pendant)
	41808 (Glass: Fragment)
	41811 (Glass: Fragment)
	41836 (Glass: Inlay)
	41918 (Ceramic: Reused sherd / Tool)
	41953 (Faience: Ring shank)

Provenance	Object Information
	41962 (Faience: Necklace Pendant)
	42501 (Faience: Bead)
	42523 (Faience: Bead)
	42529 (Faience: Bead)
	42536 (Faience: Bead)
	42587 (Faience: Bead)
	42612 (Faience: Inlay)
	42613 (Faience: Inlay)
	42614 (Faience: Inlay (edge piece / waste?))
	42615 (Faience: Inlay (edge piece / waste?))
	42616 (Faience: Inlay)
	42649 (Faience: Bead)
	42674 (Faience: Bead)
	42691 (Faience: Bead waster)
	42721 (Faience: Bead)
	42836 (Faience: Inlay)
	42960 (Glass: Bead)
	42962 (Glass: Bead)
	42967 (Glass: Bead)
	43015 (Glass: Bead)
	43065 (Faience: Bead)
G/-4, 17721	41862 (Ceramic: Faience mould)
	41863 (Ceramic: Faience mould)
	41914 (Ceramic: Cylindrical vessel)
	41924 (Ceramic: Metal-working crucible)
	41925 (Glass: Fragment)
	41938 (Glass: Strip)
	41943 (Glass: Strip)
	41945 (Glass: Working piece – extract (?))
	41969 (Glass: Working piece – extract (?) / vessel (?))
	41982 (Glass: Rod)
	41991 (Glass: Fragment)
	41992 (Glass: Fragment)
	42010 (Glass: Fragment)
	42020 (Ceramic: Metal-working crucible)
	42525 (Faience: Bead)
	42532 (Faience: Bead)
	42533 (Faience: Bead)
	42539 (Faience: Bead)
	42540 (Faience: Bead)
	42541 (Faience: Bead)
	42548 (Faience: Bead)

Provenance	Object Information
	42566 (Faience: Bead)
	42579 (Glass: Bead)
	42582 (Faience: Bead)
	42584 (Faience: Bead)
	42634 (Faience: Inlay)
	42635 (Faience: Inlay)
	42664 (Faience: Bead)
	42665 (Faience: Bead)
	42667 (Faience: Bead)
	42715 (Faience: Bead waster)
	42730 (Faience: Bead waster)
	42739 (Faience: Bead)
	42865 (Faience: Inlay)
	42927 (Faience: Inlay)
	42951 (Gypsum: Plaster)
	43028 (Faience: Bead)
	43029 (Glass: Unfinished bead)
	43034 (Glass: Bead)
	43055 (Glass: Bead)
G/-5, 17514	41806 (Glass: Fragment)
	41807 (Glass: Fragment)
	41823 (Glass: Rod)
	41837 (Ceramic: Faience mould)
	41839 (Ceramic: Faience mould)
	41908 (Ceramic: Oven furniture (?))
	41915 (Ceramic: Cylindrical vessel)
	41921 (Ceramic: Jar stopper (?))
	42033 (Faience: Collar terminal)
	42574 (Faience: Bead)
	42617 (Faience: Tile)
	42718 (Faience: Bead waster)
	42823 (Metal – copper-alloy: Crucible dross (?))
	42837 (Faience: Inlay)
	42838 (Faience: Inlay)
	42839 (Faience: Inlay)
	42840 (Faience: Inlay)
	42893 (Faience: Inlay)
	42894 (Faience: Inlay)
	43042 (Glass: Poppy-bud (?) pendant)
G/-5, 17698	41852 (Metal – copper-alloy: Blade)
	41859 (Metal – copper-alloy: Strip)
	41860 (Metal – copper-alloy: Rod)

Provenance	Object Information
	41913 (Ceramic: Metal-working crucible)
	41919 (Ceramic: Cylindrical vessel (?))
	41928 (Glass: Fragment)
	41973 (Stone – sandstone: Polishing tool)
	42633 (Faience: Inlay)
	42862 (Faience: Inlay)
	42942i (Mud: Window frame)
	42942ii (Mud: Window frame)
	42942iii (Mud: Window grille)
	42942iv (Mud: Window grille)
	42942ix (Mud: Window grille)
	42942v (Mud: Window grille)
	42942vi (Mud: Window grille)
	42942vii (Mud: Window grille)
	42942viii (Mud: Window grille)
	42942x (Mud: Window grille)
	42942xi (Mud: Window grille)
	42942xii (Mud: Window grille)
	43030 (Glass: Bead)
G/-5, 17728	41922 (Ceramic: Cylindrical vessel)
	41923 (Ceramic: Cylindrical vessel)
	41927 (Glass: Fragment / working piece (?))
	41941 (Glass: Rod)
	41942 (Glass: Bar)
	41955 (Faience: Ring shank and bezel)
	41963 (Glass: Fragment)
	41964 (Glass: Fragment)
	42013 (Glass: Strip)
	42029 (Ceramic: Cylindrical vessel)
	42578 (Faience: Bead)
	42636 (Faience: Inlay)
	42637 (Faience: Inlay (edge piece))
	42659 (Faience: Bead)
	42684 (Faience: Bead)
	42705 (Faience: Bead waster)
	42732 (Faience: Bead waster (?))
	42866 (Faience: Inlay)
	42867 (Faience: Inlay)
	42928 (Faience: Inlay)
	43031 (Glass: Bead)
	43032 (Glass: Unfinished bead)
H/-2 N, 17506	41749 (Glass: Rod)

Provenance	Object Information
	42830 (Faience: Inlay)
H/-2 N, 17565	41834 (Glass: Bar)
	41838 (Ceramic: Faience mould)
	41951 (Faience: Ring shank)
	41956 (Faience: Ring shank and bezel)
	42583 (Faience: Bead)
	42914 (Faience: Inlay (waste?))
	43033 (Faience: Bead)
H/-2, 15656	41443 (Glass: Bead)
H/-2, 17506	41591 (Stone (amazonite): Bead waster)
	41672 (Ceramic: Cylindrical vessel / oven furniture)
	41684i and ii (Ceramic: Potsherd)
H/-2, 17564	42570 (Faience: Bead)
	43223 (Ceramic: Cylindrical vessel)
H/-2, 17565	41685 (Ceramic: Potsherd)
	42761 (Faience: Bead)
H/-2, 17566	42915 (Stone/metal (copper alloy): Stone with copper alloy)
H/-2, 17569	41656 (Glass: Fragment)
	42626 (Faience: Inlay)
	42852 (Faience: Inlay)
H/-2, 17585	41967 (Lime plaster: Plaster tray / plate (?))
	42953 (Gypsum: Plaster)
H/-2, 17612	41654 (Glass: Fragment)
H/-2, 17659	41741 (Stone – red quartzite: Quern or anvil)
	41946 (Metal – copper-alloy: Tool (?) / Awl (?))
	41949 (Ceramic: Metal-working crucible)
H/-2, 17670	42641 (Faience: Bead)
H/-2, 17674	41653 (Glass: Fragment)
H/-2, 17702	42012 (Glass: Bar)
H/-3, 15608	40350 (Ceramic: Cylindrical vessel)
	40351 (Ceramic: Reused sherd / Tool)
	40548 (Faience: Collar Pendant)
	41043 (Stone – sandstone: Grinder (?))
	42188 (Faience: Bead)
H/-3, 15649	42195 (Faience: Bead)
	42279 (Faience: Bead)
H/-3, 15791	42331 (Faience: Bead)
H/-4, 15607	40288 (Glass: Bead)
	40289 (Glass: Fragment)
	40315 (Glass: Extract)
	40326 (Faience: Inlay)
	40327 (Faience: Inlay)

Provenance	Object Information
	40328 (Faience: Tile / inlay)
	40362 (Ceramic: Cylindrical vessel)
	41048 (Stone – pink granite: Fragment / polisher (?))
	42189 (Faience: Bead)
H/-4, 15608	40295 (Glass: Fragment)
H/-4, 15620	40296 (Glass: Vessel (?) / Bar (?))
	40297 (Glass: Fragment)
	40300i (Glass: Fragment)
	40300ii (Glass: Fragment)
	40300iii (Glass: Fragment)
	40300iv (Glass: Fragment)
	40300v (Glass: Fragment)
	40301 (Glass: Strip)
	40303 (Glass: Fragment)
	40307 (Glass: Fragment)
	40308 (Glass: Rod)
	40309i (Glass: Vessel (?))
	40309ii (Glass: Vessel (?))
	40310 (Glass: Extract)
	40311 (Glass: Fragment)
	40313 (Glass: Rod)
	40317 (Glass: Fragment)
	40335 (Faience: Inlay)
	40361 (Ceramic: Cylindrical vessel)
	40501 (Metal – copper-alloy: Tool (?) – Blade (?))
	40550 (Faience: Collar Pendant)
	41462 (Glass: Bead)
	41482 (Glass: Bead)
	41600 (Glass: Fragment)
	42133 (Faience: Bead)
	42134 (Faience: Bead)
	42156 (Faience: Bead)
	42169 (Faience: Bead)
	42173 (Faience: Bead)
	42196 (Faience: Bead)
	42211 (Faience: Bead)
	42252 (Faience: Bead waster)
	42354 (Faience: Bead)
	42423 (Faience: Bead)
	42424 (Faience: Bead)
	43207 (Ceramic: Oven furniture)
H/-4, 15646	40344 (Glass: Ingot fragment)

Provenance	Object Information
	40345 (Ceramic: Cylindrical vessel)
	40346 (Ceramic: Potsherd)
	40363 (Ceramic: Metal-working crucible (?))
	40365i (Ceramic: Industrial vessel)
	40365ii (Ceramic: Industrial vessel)
	40367 (Ceramic: Potsherd)
	40369 (Glass: Rod)
	40370 (Glass: Rod)
	40371 (Glass: Vessel (?))
	40372 (Glass: Fragment)
	40373 (Glass: Turtle amulet)
	40374 (Glass: Pendant (?))
	40375 (Glass: Fragment)
	40375 (Glass: Fragment)
	40376 (Glass: Fragment)
	40377 (Glass: Vessel)
	40378 (Glass: Strip)
	40380 (Faience: Inlay)
	40381 (Faience: Inlay)
	40382 (Faience: Tile / inlay (waste?))
	40383 (Ceramic: Industrial vessel)
	40387 (Glass: Inlay)
	40395 (Glass: Rod)
	40397 (Glass: Rod)
	40413 (Glass: Fragment)
	40416 (Glass: Working piece / extract)
	40417 (Glass: Fragment)
	40418 (Glass: Fragment)
	40420 (Glass: Rod)
	40421 (Glass: Fragment)
	40422 (Glass: Fragment)
	40430 (Glass: Fragment)
	40474 (Faience: Inlay)
	40475 (Faience: Inlay (edge piece))
	40486 (Glass: Bar)
	40500 (Metal – copper-alloy: Strip)
	40502 (Metal – copper-alloy: Rod)
	40535 (Ceramic: Miniature vessel)
	40544 (Faience: Necklace pendant)
	40549 (Faience: Collar Pendant)
	40552 (Faience: Collar Pendant)
	40553 (Faience: Collar pendant)

Provenance	Object Information
	40567 (Faience: Ring bezel)
	40580 (Metal – copper-alloy: Rod)
	40588 (Metal – copper-alloy: Fragment (rod?))
	40589 (Metal – copper-alloy: Blade (?))
	40618 (Stone – sandstone: Tool – whetting tool)
	40856 (Glass: Working piece)
	40968 (Faience: Inlay)
	40969 (Faience: Inlay)
	41008 (Metal – copper-alloy: Fragment)
	41447 (Glass: Bead)
	41448 (Glass: Bead)
	41461 (Glass: Bead waster)
	41469 (Glass: Bead (waster?))
	41476 (Glass: Bead)
	41488 (Glass: Bead)
	41495 (Glass: Bead)
	41504 (Stone – Agate: Unfinished product)
	42129 (Faience: Bead)
	42130 (Faience: Bead)
	42157 (Faience: Bead)
	42158 (Faience: Bead)
	42170 (Faience: Bead)
	42171 (Faience: Bead)
	42174 (Faience: Bead)
	42182 (Faience: Bead waster)
	42183 (Faience: Bead)
	42190 (Faience: Bead)
	42191 (Faience: Bead)
	42213 (Faience: Bead)
	42218 (Faience: Bead)
	42221 (Faience: Bead)
	42236 (Faience: Bead)
	42237 (Faience: Bead)
	42253 (Faience: Bead waster)
	42254 (Faience: Bead waster)
	42355 (Faience: Bead)
	42356 (Faience: Bead)
	42357 (Faience: Bead)
	42358 (Faience: Bead)
	42359 (Faience: Bead)
	42381 (Faience: Bead waster (?))
	42382 (Faience: Bead waster)

Provenance	Object Information
	42383 (Faience: Bead waster)
	42384 (Faience: Bead waster)
	42385 (Faience: Bead waster (?))
	42387 (Faience: Bead waster (?))
	42388 (Faience: Bead waster)
	42406 (Faience: Bead waster)
	42407 (Faience: Bead waster)
	42409 (Faience: Bead)
	42485 (Faience: Bead)
	42486 (Faience: Bead)
	42600 (Faience: Bead)
	42601 (Faience: Bead)
	42602 (Faience: Bead)
	42603 (Faience: Bead waster)
	42604 (Faience: Bead)
	43259 (Faience: Bead)
	43260 (Faience: Bead)
H/-4, 15656	40403 (Glass: Fragment)
	40404 (Glass: Fragment)
	40406 (Vitrified material: Drop / globule)
	40407 (Glass: Fragment)
	40409 (Glass: Fragment)
	40410 (Glass: Strip)
	40411 (Glass: Working piece?)
	40412 (Glass: Fragment)
	40415 (Glass: Fragment)
	40476 (Faience: Inlay)
	40477 (Faience: Inlay)
	40574 (Faience: (Collar) pendant (?))
	40576 (Stone – Agate: Perforated bead)
	40577 (Stone – Agate: Turtle amulet)
	40654 (Glass: Fragment)
	40657 (Glass: Crucible glass)
	40706 (Metal – copper-alloy: Tool (?))
	40725 (Glass: Fragment)
	40745 (Glass: Vessel (?))
	40775 (Glass: Fragment)
	40931 (Glass: Rod)
	40945 (Glass: Rod / Inlay)
	40946 (Glass: Rod)
	41009 (Metal – copper-alloy: Fragment)
	41450 (Glass: Bead)

Provenance	Object Information
	41503 (Glass: Fragment)
	41574 (Glass: Fragment)
	41575 (Glass: Fragment)
	42288 (Faience: Bead)
	42303 (Faience: Bead)
	42344 (Faience: Bead waster)
	42360 (Faience: Bead)
	42413 (Faience: Bead)
	42428 (Faience: Bead)
	42484 (Faience: Bead)
	42497 (Faience: Bead waster)
	43072 (Faience: Bead)
H/-4, 15657	40393 (Glass: Rod)
	40408 (Glass: Fragment)
	40551 (Faience: Collar Pendant)
	40803 (Glass: Fragment)
	40875 (Glass: Crucible glass)
	40882 (Glass: Fragment)
	42159 (Faience: Bead)
	42185 (Faience: Bead)
	42240 (Faience: Bead waster)
	42426 (Faience: Bead)
H/-4, 15758	40883 (Glass: Fragment)
H/-4, 15762	40573 (Ceramic: Potsherd)
	40602 (Ceramic: Cylindrical vessel)
	40612 (Ceramic: Reused sherd / Tool)
	40617 (Stone – quartzite: Tool – bead polisher)
	40641 (Faience: Ring shank)
	40645i (Metal – copper-alloy: Casting spill)
	40645ii (Metal – copper-alloy: Casting spill)
	40649 (Glass: Fragment)
	40713 (Plaster (lime-gypsum): Painted wall plaster fragment)
	40744 (Glass: Fragment)
	40774 (Glass: Working piece / waste)
	40776 (Glass: Fragment)
	40881 (Glass: Fragment)
	40921 (Glass: Vessel (?))
	40922i (Glass: Working piece)
	40922ii (Glass: Working piece (?))
	40922iii (Glass: Working piece (?))
	40947 (Glass: Rod)
	40970 (Faience: Inlay)

Provenance	Object Information
	40971 (Ceramic: Potsherd)
	40972 (Plaster: Painted wall plaster fragment)
	41010 (Metal – copper-alloy: Fragment)
	41040 (Stone – sandstone: Grinder (?))
	41445 (Glass: Bead)
	41453 (Glass: Bead)
	41457 (Glass: Bead)
	41472 (Glass: Bead)
	41485 (Faience: Bead waster)
	41493 (Glass: Bead)
	42293 (Faience: Bead)
	42296 (Faience: Bead waster)
	42299 (Glass: Bead)
	42301 (Glass: Bead)
	42304 (Faience: Bead waster)
	42315 (Faience: Bead)
	42318 (Faience: Bead)
	42319 (Faience: Bead waster (?))
	42404 (Faience: Bead waster)
H/-4, 15778	40651 (Glass: Fragment / inlay (?))
	40880 (Glass: Fragment)
	40915 (Glass: Twist / extract)
	40973 (Faience: Inlay)
	41044 (Stone – limestone: Grinder (?))
	41437 (Glass: Bead)
	41496 (Glass: Drop-shaped pendant)
	42312 (Faience: Bead)
	42314 (Faience: Bead)
	42316 (Faience: Bead waster)
	42317 (Faience: Bead)
H/-4, 15782	40721 (Glass: Fragment)
	40722 (Glass: Fragment)
	40723 (Glass: Bar)
	40724 (Glass: Fragment)
	40858 (Glass: Fragment)
	40918 (Glass: Bar / Inlay (?))
	40925 (Glass: Working piece)
	40926 (Glass: Working piece / extract)
	40934 (Glass: Rod)
	40956 (Glass: Extract)
	40962 (Glass: Extract)
	40974 (Faience: Inlay (edge piece))

Provenance	Object Information
	40975 (Faience: Inlay)
	41070 (Ceramic: Potsherd)
	41499 (Glass: Bead)
	42320 (Faience: Bead)
	42322 (Faience: Bead)
	42327 (Faience: Bead)
H/-4, 15788	40653 (Ceramic: Water jar)
H/-4, 15789	40669 (Ceramic: Faience mould)
	40711 (Metal – copper-alloy: Slag (?))
	40857 (Resin: Incense)
	42332 (Faience: Bead)
H/-4, 15792	40719 (Clay: Token (?))
H/-5, 15757	40604 (Ceramic: Industrial / Cylindrical vessel (?))
	40636i (Ceramic: Cylindrical vessel)
	40636ii (Ceramic: Cylindrical vessel)
	40636iii (Ceramic: Cylindrical vessel)
	40637 (Ceramic: Cylindrical vessel)
H/-5, 15758	40614 (Glass: Fragment / Crucible glass)
	40796 (Glass: Fragment)
	40936 (Glass: Rod)
	40939 (Glass: Rod)
	40944 (Glass: Rod)
	40959 (Glass: Extract / working piece)
	40976 (Faience: Inlay)
	40977I (Faience: Inlay (edge piece))
	40977ii (Faience: Inlay)
	42284 (Faience: Bead)
H/-5, 15778	40650 (Glass: Fragment)
	40683 (Glass: Fragment / working waste (?))
	40689 (Glass: Fragment)
	40727 (Glass: Bar)
	40804 (Glass: Fragment)
	40929 (Glass: Rod)
	40950 (Glass: Rod)
	42321 (Faience: Bead)
	42328 (Faience: Bead)
H/-5, 15786	40647 (Faience: Inlay)
	40726 (Glass: Fragment)
H/-5, 17519	41809 (Glass: Fragment)
	41824 (Glass: Rod)
	41826 (Glass: Rod)
	41828 (Glass: Rod)

Provenance	Object Information
	41856 (Metal – copper-alloy: Rod)
	41916 (Ceramic: Cylindrical vessel)
	42625 (Faience: Inlay)
	42676 (Faience: Bead)
	42720 (Faience: Bead waster)
	42733 (Faience: Bead waster)
	42737 (Faience: Bead)
H/-5, 17698	41804 (Glass: Fragment)
	43016 (Glass: Bead)
H/-5, 17702	41926 (Glass: Rod)
	41935 (Faience: Necklace Pendant)
	41937 (Glass: Fragment)
	41998 (Ceramic: Cylindrical vessel)
	41999 (Ceramic: Oven furniture / cylindrical vessel)
	42003 (Faience: Necklace Pendant)
	42004 (Faience: Necklace Pendant)
	42007 (Glass: Fragment)
	42009 (Glass: Fragment)
	42014 (Glass: Rod)
	42016 (Glass: Rod)
	42017 (Glass: Working piece)
	42019 (Stone – limestone: Earring)
	42022 (Ceramic: Industrial vessel)
	42549 (Faience: Bead)
	42666 (Faience: Bead)
	42678 (Faience: Bead)
	42685 (Faience: Bead)
	42687 (Faience: Bead)
	42702 (Faience: Bead waster)
	42731 (Faience: Bead)
	42735 (Faience: Bead waster)
	42736 (Faience: Bead waster)
	42765 (Faience: Bead)
	42782 (Vitrified material: Fragment)
	42863 (Faience: Inlay (edge piece))
	42864 (Faience: Inlay)
	42923 (Faience: Inlay)
	42924 (Faience: Inlay)
	42925 (Faience: Inlay)
	42926 (Faience: Inlay)
	43041 (Glass: Bead)
	43050 (Glass: Drop-shaped pendant (?))

Provenance	Object Information
	43051 (Glass: Bead)
	43052 (Glass: Bead waster)
	43053 (Glass: Bead waster)
	43054 (Glass: Bead waster)
	43070 (Faience: Bead waster)
H/-5, 17703	41934 (Glass: Fragment)
H/-5, 17749	42028 (Ceramic: Reused sherd / Tool)
	43935 (Clay (fired): Tool (?) / oven debris (?))
I/-2 / J/-2, 17635	41966 (Textile: Fragments)
I/-2 N, 17506	42762 (Faience: Bead)
	42831 (Faience: Inlay)
I/-2 N, 17507	41733 (Stone – hard sandstone / quartzite: Fragment)
	41747 (Glass: Rod)
	41748 (Glass: Rod)
	41751 (Glass: Strip / Bar)
	41754 (Ceramic: Metal-working crucible)
	41771 (Faience: Ring shank)
	42551 (Faience: Bead)
	42670 (Faience: Bead)
	42738 (Faience: Bead)
	42743 (Faience: Bead)
	42748 (Faience: Bead)
	42784i (Metal – copper-alloy: Casting spill)
	42784ii (Metal – copper-alloy: Casting spill)
	42891 (Faience: Inlay)
	42943 (Pigment: Ochre)
	43040 (Glass: Bead)
I/-2 N, 17534	41829 (Glass: Rod)
I/-2 N, 17565	41810 (Glass: Fragment)
I/-2 N, 17659	41866 (Faience: Tile / Inlay)
	41907 (Ceramic: Metal-working crucible)
	41909 (Ceramic: Metal-working crucible)
	41939 (Glass: Bar (?))
	41944 (Stone – Jasper (?): Inlay (?) / fossil (?))
	41952 (Faience: Ring shank)
	41957 (Faience: Ring bezel)
	41976 (Stone – quartzite: Inlay (?) / bowl (?))
	42498 (Faience: Bead)
	42586 (Faience: Bead)
	42638 (Faience: Bead)
	42717 (Faience: Bead)
	42778 (Metal – copper-alloy: Cold-working waste)

Provenance	Object Information
	42779 (Metal – copper-alloy: Cold-working waste)
	42780 (Metal – copper-alloy: Cold-working waste)
	42804 (Metal – copper-alloy: Crucible dross)
	42828 (Ceramic: Oven furniture / oven sherd)
I/-2 N, 17659 (from charcoal sample)	43927 (Metal – Copper-alloy and ceramic: Fragment)
I/-2 N, 17704	41814 (Glass: Fragment)
	41825 (Glass: Rod)
	41853 (Metal – copper-alloy: Tool (?) – Blade (?))
I/-2, 17507	41744 (Glass: Fragment)
	42538 (Faience: Bead)
	42764 (Faience: Bead)
	42832 (Faience: Inlay)
	42890 (Faience: Inlay)
	44051 (Ostrich egg shell: Fragment)
I/-2, 17534	41972 (Clay: Sealing material)
I/-2, 17550	41525 (Glass: Rod)
	41662 (Faience: Collar Pendant)
	41688 (Ceramic: Metal-working crucible)
	41786 (Faience: Ring bezel)
	41793 (Faience: Tile (edge piece))
	41799 (Faience: Inlay)
	41950i and ii (Ceramic: Potsherd)
	42850 (Faience: Inlay)
	42913 (Faience: Inlay)
	43224 (Stone (Metagraywacke/Schist?): Inlay)
	43226 (Ceramic: Cylindrical vessel (?))
I/-2, 17565	41720 (Glass: Extract)
	41797 (Faience: Beak/bill of a figurine / Inlay (?))
	41805 (Glass: Fragment)
	41971 (Clay: Sealing material)
	42851 (Faience: Inlay)
	42965 (Faience: Bead)
I/-2, 17569	41679 (Ceramic: Potsherd)
I/-2, 17603	41696 (Ceramic: Metal-working crucible)
	42856 (Faience: Inlay)
I/-2, 17644	41730 (Stone – Dolerite: pounder)
	41965 (Textile: Fragments)
I/-2, 17659	41723 (Glass: Extract)
	41742 (Stone – gypsum or coarse limestone (?): Furniture: stool leg)
	41777 (Faience: Ring shank)
	41784 (Faience: Ring shank and bezel)
	42573 (Faience: Bead)

Provenance	Object Information
	42632 (Faience: Inlay)
	42722 (Faience: Bead waster)
	42744 (Faience: Bead)
I/-2, 17669	42011 (Glass / stone – sandstone: Fragment / glazed sandstone)
	42018 (Clay: Sealing)
I/-2, 17670	41715 (Glass: Fragment)
	42026 (Ceramic: Metal-working crucible)
	42528 (Faience: Bead)
I/-2, 17670 (from charcoal sample)	43925 (Glass: Fragment)
I/-2, 17683	41761 (Stone – sandstone: Rubber or polisher)
I/-2, 17695	41701 (Ceramic: Metal-working crucible)
I/-2, 17704	41912 (Ceramic: Metal-working crucible)
	43022 (Glass: Bead waster)
I/-2, 17706	42581 (Faience: Bead)
	42771 (Metal – copper-alloy: Casting spill (?))
	42783 (Metal – copper-alloy: Crucible slag)
I/-2, 17732	41977 (Clay: Sealing)
	41984 (Glass: Extract)
	41989 (Glass: Fragment)
	41996 (Ceramic: Oven furniture / kiln sherd)
	42024 (Faience: Ring shank)
	42031 (Stone – sandstone: Inlay / polisher (?))
	42726 (Faience: Bead waster)
	43049 (Glass: Bead waster (?))
I/-2, 17740	42808 (Metal – copper-alloy: Casting spill)
I/-3 / H/-3, 15616 (unit sheet) / 15936b (revised)	41059 (Stone – limestone: Table)
I/-3 / J/-3, 17633	42881 (Faience: Bead)
I/-3 / J/-3, 17715	41861 (Ceramic: Faience mould)
	41920 (Ceramic: Cylindrical vessel)
	41929 (Glass: Fragment)
	41931 (Glass: Fragment)
	42879 (Faience: Bead)
I/-3, 15916; and surface find (spoil heap c.10 m north of I/-3)	41056–41058 (Stone – limestone: Table)
I/-3, 15606	40545 (Faience: Necklace pendant)
	41045 (Stone – alabaster/travertine: Fragment / polisher (?))
	41064 (Frit: Fragment)
	42160 (Faience: Bead)
I/-3, 15612	42255 (Faience: Bead waster)
I/-3, 15621	40364i (Ceramic: Oven fragment)
	40364ii (Ceramic: Oven fragment)
	40364iii (Ceramic: Oven fragment)

Provenance	Object Information
	40364iv (Ceramic: Oven fragment)
	40364v (Ceramic: Oven fragment)
	40364vi (Ceramic: Oven fragment)
I/-3, 15637	40461 (Ceramic: Vessel with residue)
	41011 (Metal – copper-alloy: Casting spill)
I/-3, 15638	42150 (Faience: Bead)
I/-3, 15645	40591 (Metal – copper-alloy: Blade (?))
	41440 (Stone – Agate: Turtle amulet)
	42161 (Faience: Bead)
I/-3, 15656 – (probably 15666).	40460 (Ceramic: Oven fragment)
I/-3, 15666	40459 (Ceramic: Oven fragment)
I/-3, 15694	40558 (Faience: Amuletic bead – scarab)
	40720 (Stone – Fine green stone: Fragment)
	40746 (Glass: Fragment)
	40805 (Glass: Fragment)
	40978 (Faience: Inlay (waste?))
	40979 (Faience: Inlay)
	40980 (Faience: Inlay)
	41012 (Metal – copper-alloy: Casting spill)
	41027 (Metal – copper-alloy: Fragment)
	41034 (Glass: Fragment)
	41035 (Glass: Fragment)
	41037 (Faience: Inlay)
	41038 (Faience: Inlay (waste?))
	41052 (Stone – red sandstone: Fragment / polisher/grinder)
	41069 (Ceramic: Pigment bowl)
	41446 (Glass: Bead)
	42202 (Faience: Bead)
	42205 (Faience: Bead)
	42216 (Faience: Bead)
	42217 (Faience: Bead)
	42339 (Faience: Bead)
	42343 (Faience: Bead)
	42345 (Faience: Bead waster)
	42348 (Faience: Bead)
	42349 (Faience: Bead)
	43314 (Ceramic: Cylindrical vessel)
	43937 (Ostrich egg shell: Fragment)
I/-3, 15732	40562 (Faience: Ring shank)
	40594 (Ceramic: Cylindrical vessel)
	40686 (Glass: Fragment)
	40728 (Glass: Fragment / Crucible glass)

Provenance	Object Information
	40777 (Pigment: Fragment)
	40833 (Glass: Fragment)
	40859 (Stone – rock crystal (?): Fragment)
	40916 (Glass: Inlay)
	40960 (Glass: Extract)
	40981 (Faience: Inlay)
	42256 (Faience: Bead waster)
	42285 (Faience: Bead)
	42425 (Faience: Bead)
I/-3, 15790	42930 (Ceramic: Oven fragment)
	42931i (Ceramic: Oven fragment)
	42931ii (Ceramic: Oven fragment)
	42931iii (Ceramic: Oven fragment)
	42931iv (Ceramic: Oven fragment)
	42931ix (Ceramic: Oven fragment)
	42931v (Ceramic: Oven fragment)
	42931vi (Ceramic: Oven fragment)
	42931vii (Ceramic: Oven fragment)
	42931viii (Ceramic: Oven fragment)
	42931x (Ceramic: Oven fragment)
	42931xi (Ceramic: Oven fragment)
	42931xii (Ceramic: Oven fragment)
	42931xiii (Ceramic: Oven fragment)
	42931xiv (Ceramic: Oven fragment)
	42931xv (Ceramic: Oven fragment)
I/-3, 15794	40700 (Clay: Mould stamp (?) / Token (?))
	40704 (Metal – copper-alloy: Rod)
	40707 (Metal – copper-alloy: Rod or strip)
	40717 (Clay: Token (?))
I/-3, 15797	40697 (Faience: Necklace pendant)
I/-3, 15797 (sample 14-15)	43244 (Faience: Bead)
I/-3, 15914	41028 (Ceramic: Spinning bowl)
	41029 (Ceramic: Miniature vessel)
	41042 (Stone – red quartzite: Raw material (?) / Grinder (?))
	41467 (Glass: Bead)
	42350 (Faience: Bead)
I/-3, 15916	41056 (Stone – limestone: Table)
	41057 (Stone – limestone: Table)
I/-3, 17503	41536 (Glass: Rod)
	41612 (Glass: Fragment)
	41641 (Glass: Fragment)
	41670 (Ceramic: Cylindrical vessel)

Provenance	Object Information
	42829 (Faience: Inlay)
I/-3, 17633	41681 (Ceramic: Potsherd)
	41691 (Ceramic: Metal-working crucible)
	41693 (Ceramic: Metal-working crucible)
	41697 (Ceramic: Metal-working crucible)
I/-4 / I/-5, 15769	40679 (Glass: Fragment)
	40692 (Glass: Rod)
	40955 (Glass: Extract)
	41047 (Stone – limestone: Whetstone (?) / polisher (??))
	42305 (Faience: Bead waster)
I/-4 / J/-4, 15710	40810 (Glass: Fragment)
	40961 (Glass: Extract)
I/-4 / J/-4, 15759	40809 (Glass: Strip)
	40923 (Glass: Bead)
	42280 (Faience: Bead)
I/-4, 15604	40341 (Ceramic: Cylindrical vessel)
	40611 (Ceramic: Cylindrical vessel)
I/-4, 15605	40291 (Glass: Fragment)
	40293i (Glass: Fragment)
	40293ii (Glass: Fragment)
	40299 (Glass: Fragment)
	40316 (Glass: Fragment)
	40334 (Faience: Inlay)
	40342 (Ceramic: Cylindrical vessel / Industrial vessel (??))
	40343 (Ceramic: Cylindrical vessel)
	40347 (Ceramic: Cylindrical vessel)
	40352 (Ceramic: Potsherd)
	40353 (Ceramic: Cylindrical vessel)
	40620 (Stone – gypsum: Moulding / mould (??))
	40625 (Ceramic: Cylindrical vessel)
	41431 (Glass: Bead)
	42162 (Faience: Bead)
	42172 (Faience: Bead)
I/-4, 15623	40302 (Glass: Fragment)
	40304 (Glass: Fragment)
	40314 (Glass: Fragment)
	40642 (Ceramic: Oven furniture)
I/-4, 15628	40290 (Glass: Fragment)
	40294 (Glass: Fragment)
	40298 (Glass: Rod (??))
	40306 (Glass: Rod)
	40318i (Glass: Fragment)

Provenance	Object Information
	40318ii (Glass: Fragment)
	40319 (Glass: Fragment)
	40322 (Glass: Fragment)
	40323 (Glass: Fragment)
	40324 (Glass: Drop / extract)
	40329i–iv (Faience: Inlay)
	40354 (Ceramic: Cylindrical vessel)
	40355 (Ceramic: Cylindrical vessel)
	40356 (Ceramic: Cylindrical vessel)
	40357 (Ceramic: Cylindrical vessel)
	40358 (Ceramic: Cylindrical vessel)
	40360 (Ceramic: Oven furniture (??))
	40546 (Faience: Necklace pendant)
	40622i (Stone – limestone: Mortar)
	40622ii (Stone – limestone: Mortar)
	40622iii (Stone – limestone: Mortar)
	40696 (Leather: Worked fragment)
	41013 (Metal – copper-alloy: Fragment)
	41031 (Textile – linen (??): Fragment)
	41039 (Stone – sandstone: Grinder (??))
	41050 (Stone – red quartzite: Grinder (??))
	41449 (Glass: Bead)
	42219 (Faience: Bead waster)
	42235 (Faience: Bead)
	42471 (Faience: Bead)
	44241 (Mud: Mud plaster with paint (on lime-gypsum))
I/-4, 15628 (40622i–iii) and 15630 (40623)	40622i–iii and 40623 (Stone – limestone: Mortar)
I/-4, 15629	40458 (Ceramic: Oven fragment)
	40982 (Faience: Inlay (waste??))
	41014 (Metal – copper-alloy: Casting spill)
	41015 (Metal – copper-alloy: Casting spill)
I/-4, 15630	40292 (Glass: Fragment)
	40331 (Faience: Tile / inlay (edge piece/waste))
	40333 (Glass: Fragment)
	40336 (Faience: Inlay (waste??))
	40419 (Glass: Fragment)
	40429 (Glass: Fragment)
	40448 (Ceramic: Oven furniture)
	40530 (Glass: Rod)
	40533 (Ceramic: Faience mould)
	40623 (Stone – limestone: Mortar)
	40747 (Glass: Rod)

Provenance	Object Information
	40778 (Glass: Fragment)
	40779 (Glass: Fragment)
	40983 (Faience: Inlay)
	41442 (Glass: Drop-shaped pendant)
	41480 (Glass: Bead)
	42257 (Faience: Bead waster)
	42939 (Ceramic: Oven base (?))
	43313 (Ceramic: Cylindrical vessel)
I/-4, 15640	41434 (Glass: Bead)
I/-4, 15659	41463 (Glass: Bead)
I/-4, 15665	40469 (Faience: Inlay)
	42163 (Faience: Bead)
I/-4, 15693	40537 (Ceramic: Blowpipe/Tuyère)
	40595 (Ceramic: Cylindrical vessel)
	41030 (Leather: Worked fragment)
I/-4, 15755	40582 (Metal – copper-alloy: Rod)
	40615 (Stone – limestone: Monkey figurine (?))
	40691 (Glass: Rod)
	40806 (Glass: Fragment)
	40984 (Faience: Tile)
I/-4, 15772	41062 (Frit?: Fragment)
I/-4, 15774	40626 (Stone – Agate: Knapped point)
	40884 (Glass: Fragment)
	42309 (Faience: Bead)
	42310 (Faience: Bead waster (?))
I/-4, 15778	40924 (Glass: Inlay)
	40927 (Glass: Rod)
	42313 (Faience: Bead)
	42341 (Faience: Bead waster)
	42346 (Faience: Bead waster)
I/-4, 15783	40807 (Glass: Fragment)
	41016 (Metal – copper-alloy: Casting spill)
	41017 (Metal – copper-alloy: Fragment)
I/-4, 15795	40694 (Glass: Fragment)
	41071 (Ceramic: Oven furniture (?))
I/-4, 15799	40952 (Glass: Rod)
	40954 (Glass: Extract)
	42336 (Faience: Bead waster)
	42418 (Faience: Bead)
	43219 (Ceramic: Cylindrical vessel)
I/-4, 15907	41033 (Stone – quartzite: Quern fragment)
I/-5, 15750	40600 (Ceramic: Cylindrical vessel)

Provenance	Object Information
	40632 (Ceramic: Cylindrical vessel)
	40638 (Ceramic: Cylindrical vessel (?))
	40639 (Ceramic: Cylindrical vessel)
	40640 (Ceramic: Industrial vessel)
	40644 (Ceramic: Cylindrical vessel)
	40656 (Glass: Fragment)
	40661 (Glass: Fragment / white working waste)
	40682 (Glass: Fragment)
	40808 (Glass: Fragment)
	40928 (Glass: Rod)
	40930 (Glass: Rod)
	40933 (Glass: Rod)
	40937 (Glass: Rod)
	40940 (Glass: Rod)
	40943 (Glass: Rod)
	40958 (Glass: Bar (?))
	40985 (Faience: Inlay)
	42140 (Faience: Bead)
	42427 (Faience: Bead)
I/-5, 15753	40587 (Metal – copper-alloy: Awl (?))
	40598 (Ceramic: Reused sherd / Tool)
	40601 (Ceramic: Cylindrical vessel)
	40603 (Ceramic: Cylindrical vessel)
	40605 (Glass: Working piece)
	40606 (Ceramic: Cylindrical vessel)
	40631 (Ceramic: Cylindrical vessel)
	40646 (Faience: Inlay (model grape bunch))
	40675 (Glass: Fragment)
	40705 (Metal – copper-alloy: Sheet / waste)
	40729 (Glass: Fragment)
	40730 (Glass: Fragment)
	40731 (Glass: Fragment)
	40748 (Glass: Fragment)
	40797 (Glass: Fragment)
	40834 (Glass: Fragment)
	40835 (Glass: Fragment)
	40860 (Glass: Working piece)
	40876 (Glass: Fragment)
	40885 (Glass: Fragment)
	40886 (Glass: Fragment)
	40887 (Glass: Fragment)
	40919 (Glass: Working piece)

Provenance	Object Information
	40920 (Glass: Drop)
	40935 (Glass: Rod)
	40938 (Glass: Rod)
	40941 (Glass: Rod)
	40942 (Glass: Rod)
	40948 (Glass: Strip)
	40986 (Faience: Inlay)
	40987 (Faience: Inlay)
	41051i (Stone – sandstone: Fragment / polisher)
	41051ii (Stone – sandstone: Fragment / polisher)
	42281 (Faience: Bead)
	42282 (Faience: Bead)
	42283 (Faience: Bead waster (?))
	42370 (Faience: Bead)
	42599 (Faience: Bead)
I/-5, 15761	40557 (Faience: Collar Pendant)
	40583 (Metal – copper-alloy: Rod)
	40586 (Metal – copper-alloy: Rod)
	40630 (Ceramic: Cylindrical vessel)
	40917 (Glass: Inlay (?))
	40963 (Glass: Extract (?))
I/-5, 15766	42287 (Faience: Bead)
I/-5, 15777	40634 (Ceramic: Cylindrical vessel (?))
	40635 (Ceramic: Cylindrical vessel)
	41018 (Metal – copper-alloy: Casting spill)
I/-5, 17698	41844 (Stone – sandstone: Polisher / rubber)
J/-2 / J/-3, 17693	41758 (Ceramic: Tool (?))
J/-2 N, 17534	41788 (Faience: Collar Pendant)
	41791 (Faience: Necklace Pendant)
	41841 (Ceramic: Faience mould)
	41842 (Ceramic: Faience mould)
	41843 (Ceramic: Faience mould)
	41917 (Ceramic: Tool (?))
	41947 (Ceramic: Metal-working crucible)
	42499 (Faience: Bead)
	42655 (Faience: Bead)
	42790 (Metal – copper-alloy: Casting spill)
	42791 (Metal – copper-alloy: Crucible dross)
	42793i (Metal – copper-alloy: Fragment)
	42793ii (Metal – copper-alloy: Casting spill)
	42793iii (Metal – copper-alloy: Fragment)
	42796 (Metal – copper-alloy: Crucible dross)

Provenance	Object Information
	42813 (Metal – copper-alloy: Working waste)
	42824 (Metal – copper-alloy: Crucible dross)
	42910 (Faience: Inlay)
J/-2 N, 17659	43250 (Ceramic: Cylindrical vessel)
J/-2 N, 17725	41948 (Ceramic: Metal-working crucible)
	42821 (Metal – copper-alloy: Crucible dross)
J/-2, 17508	41530 (Glass: Rod)
	41571 (Glass: Fragment)
	41708 (Glass: Fragment)
	41709i (Glass: Fragment)
	41709ii (Glass: Fragment)
	41709iii (Glass: Fragment)
	41712 (Glass: Fragment)
	41732 (Stone – hard sandstone: Rubber / polisher)
	41849 (Metal – copper-alloy: Sheet / waste)
	41865 (Metal – copper-alloy: Casting spill)
	42511 (Faience: Bead)
	42611 (Faience: Inlay)
	42693 (Faience: Bead waster)
	42772 (Metal – copper-alloy: Casting spill)
	42773 (Metal – copper-alloy: Casting spill)
	42774 (Metal – copper-alloy: Cold-working waste)
	42785 (Metal – copper-alloy: Crucible dross)
	42786 (Metal – copper-alloy: Crucible dross)
	42787 (Metal – copper-alloy: Crucible slag)
	42788 (Metal – copper-alloy: Fragment)
	42810 (Metal – copper-alloy: Casting spill)
	42833 (Faience: Inlay)
	42892 (Faience: Inlay)
	43036 (Glass: Bead)
	43257 (Ceramic: Cylindrical vessel)
J/-2, 17530/17531	41734 (Stone – limestone (local): Rubber or polisher)
	41968 (Mud: Mud plaster with paint (on lime-gypsum))
	42949 (Gypsum: Plaster)
J/-2, 17530/17531	41847 (Metal – copper-alloy: Sheetting)
J/-2, 17534	41546 (Glass: Strip)
	41572 (Glass: Fragment)
	41665 (Faience: Amuletic bead – scarab)
	41689 (Ceramic: Metal-working crucible)
	41694 (Ceramic: Metal-working crucible)
	41816 (Glass: Fragment)
	41819 (Glass: Vessel (?))

Provenance	Object Information
	42585 (Faience: Bead)
	42677 (Faience: Bead)
	42792 (Metal – copper-alloy: Crucible dross)
	42795 (Metal – copper-alloy: Crucible dross)
	42812 (Metal – copper-alloy: Casting spill)
	42883 (Faience: Bead)
J/-2, 17563	41714 (Glass: Bead or working piece)
	41780 (Faience: Ring bezel)
	44105I (Paper: Fragment)
	44105ii (Paper: Fragment)
J/-2, 17568	42950 (Gypsum: Plaster)
J/-2, 17628	41617 (Glass: Fragment)
J/-2, 17629	42777 (Metal – copper-alloy: Cold-working waste)
J/-2, 17634	41615 (Glass: Fragment)
	41661 (Faience: Collar Pendant)
	42820 (Metal – copper-alloy: Casting spill)
	43018 (Glass: Bead waster or working piece)
J/-2, 17689	42654 (Faience: Bead)
	42769i (Metal – copper-alloy: Casting spill (?))
	42769ii (Metal – copper-alloy: Fragment)
J/-2, 17732	42558 (Faience: Bead)
J/-2, 17734	41975 (Ceramic: Faience mould)
	41979 (Glass: Rod)
	41981 (Glass: Working piece)
	41986 (Glass: Strip)
	41987 (Glass: Strip)
	41995 (Faience: Ring shank)
	42001 (Metal – copper-alloy: Wire)
	42807 (Metal – copper-alloy: Crucible slag)
J/-3 / K/-3, 17668	41699 (Ceramic: Metal-working crucible)
	41983 (Glass: Rod)
	41997 (Ceramic: Cylindrical vessel)
	42002 (Faience: Vessel)
	42781 (Metal – copper-alloy: Casting spill)
J/-3, 15661	40621 (Stone – limestone: Pivot)
	43717 (Stone – hard sandstone: Polisher / grinder)
J/-3, 15732	42241 (Faience: Bead)
	42286 (Faience: Bead waster)
J/-3, 17504	41520 (Glass: Rod)
	41566 (Glass: Fragment)
	41587 (Glass: Fragment)
	41648 (Glass: Fragment)

Provenance	Object Information
	41658 (Faience: Necklace Pendant)
	42575 (Faience: Bead)
	43019 (Glass: Bead)
	43037 (Glass: Bead)
J/-3, 17515	41533 (Glass: Rod)
J/-3, 17537	42555 (Faience: Bead)
	43933 (Stone – limestone: Table)
J/-3, 17541	41639 (Glass: Fragment)
	41652 (Glass: Fragment)
	41717 (Glass: Rod)
	41731 (Stone – Dolerite: Worked fragment)
	42741 (Faience: Bead)
	43934 (Gypsum: Vessel extension (rim))
J/-3, 17542	43254 (Ceramic: Pigment bowl)
J/-3, 17593	41985 (Glass: Bar)
	42661 (Faience: Bead)
	42816 (Metal – copper-alloy: Crucible dross)
	43936 (Clay (baked): Tool (?) / oven debris (?))
J/-3, 17672	42023 (Paper: Cigarette paper)
J/-3, 17691	41988 (Glass: Rod)
	41990 (Glass: Fragment)
	41994 (Glass: Working piece)
J/-3, 17701	42647 (Faience: Bead)
J/-4, 15629	40798 (Glass: Fragment)
J/-4, 15662	40446 (Glass: Vessel (?))
	40447 (Glass: Fragment)
	40451 (Ceramic: Cylindrical vessel)
	40453 (Ceramic: Cylindrical vessel)
	40454 (Ceramic: Cylindrical vessel)
	40455 (Ceramic: Cylindrical vessel)
	40464 (Faience: Inlay)
	40479 (Glass: Rod)
	40514 (Glass: Extract)
	40523 (Glass: Working piece)
	40677 (Glass: Fragment)
	40687 (Glass: Fragment)
	40734 (Glass: Fragment)
	40814 (Glass: Fragment)
	40818 (Glass: Fragment)
	40820 (Glass: Fragment)
	40843 (Glass: Fragment)
	40891 (Glass: Fragment)

Provenance	Object Information
	40893 (Glass: Fragment)
	41019 (Metal – copper-alloy: Fragment)
	41046 (Ceramic: Potsherd)
	41452 (Glass: Bead waster)
	42141 (Faience: Bead)
	42258 (Faience: Bead waster)
	42389 (Faience: Bead waster)
J/-4, 15678	40491 (Glass: Rod)
	40508i (Glass: Fragment)
	40508ii (Glass: Fragment)
	40508iii (Glass: Fragment)
	40578 (Ceramic: Cylindrical vessel)
	40684 (Glass: Fragment)
	40716 (Stone – Agate: Polished stone)
	40733i (Glass: Fragment)
	40733ii (Glass: Fragment)
	40733iii (Glass: Fragment)
	40781 (Glass: Fragment)
	40782 (Glass: Fragment)
	41497 (Glass: Bead)
	42222 (Faience: Bead)
	42259 (Faience: Bead waster)
	42481 (Faience: Bead)
J/-4, 15679	40505i (Glass: Working piece)
	40505ii (Glass: Working piece)
	40507 (Glass: Rod)
	40510 (Wood: Fragment)
	40511 (Glass: Rod)
	40513 (Glass: Extract)
	40519 (Glass: Extract)
	40520 (Glass: Twist / extract)
	40521 (Glass: Extract)
	40555 (Faience: Collar pendant)
	40566 (Faience: Ring shank and bezel)
	40581 (Metal – copper-alloy: Rod)
	40629 (Ceramic: Cylindrical vessel (?))
	40643 (Ceramic: Metal-working crucible (?))
	40664 (Glass: Fragment / working piece)
	40665 (Glass: Fragment / Crucible glass)
	40701 (Stone: Pendant)
	40752 (Glass: Fragment)
	40753 (Glass: Crucible glass)

Provenance	Object Information
	40754 (Glass: Fragment)
	40756i (Glass: Fragment)
	40756ii (Glass: Fragment)
	40756iii (Glass: Fragment)
	40756iv (Glass: Rod ?)
	40780 (Glass: Fragment)
	40816 (Glass: Fragment)
	40822 (Glass: Fragment)
	40840 (Glass: Fragment)
	40841 (Glass: Fragment)
	40842 (Glass: Fragment)
	40847 (Glass: Fragment)
	40862 (Glass: Fragment)
	40888 (Glass: Fragment)
	40894 (Glass: Fragment)
	40895 (Glass: Fragment)
	40951 (Glass: Rod)
	41020 (Glass: Fragment)
	41433 (Glass: Bead)
	41435 (Glass: Unfinished bead)
	41439 (Glass: Bead)
	41455 (Glass: Bead waster)
	41456 (Glass: Working piece or bead waster)
	41483 (Glass: Bead)
	41491 (Glass: Bead)
	41498 (Glass: Bead)
	42136 (Faience: Bead)
	42151 (Faience: Bead)
	42208 (Glass: Bead)
	42226 (Faience: Bead)
	42245 (Faience: Bead)
	42260 (Faience: Bead waster (?))
	42361 (Faience: Bead)
	42362 (Faience: Bead)
	42363 (Faience: Bead)
	42390 (Faience: Bead waster)
	42391 (Faience: Bead waster (?))
	42472 (Faience: Bead)
	42474 (Faience: Bead)
	42475 (Faience: Bead)
	42476 (Faience: Bead)
	42477 (Faience: Bead)

Provenance	Object Information
	43057 (Faience: Bead)
	43058 (Faience: Bead waster)
	43059 (Faience: Bead)
	43060 (Faience: Bead)
	43061 (Faience: Bead)
	43066 (Faience: Bead)
J/-4, 15679 / 15702	41473i-vii (Glass: Bead)
J/-4, 15687	40823 (Glass: Fragment)
J/-4, 15702	40489 (Glass: Rod)
	40662 (Glass: Fragment)
	40732 (Glass: Fragment)
	40751i (Glass: Fragment / Crucible glass)
	40751ii (Glass: Fragment)
	40751iii (Glass: Fragment)
	40751iv (Glass: Fragment)
	40751v (Glass: Fragment)
	41021 (Metal – copper-alloy: Fragment)
	41454 (Glass: Bead waster)
	41466i–xiix (Glass: Bead)
	41490 (Glass: Bead)
	42224 (Faience: Bead)
	42478 (Faience: Bead)
	42479 (Faience: Bead)
J/-4, 15704	40526 (Glass: Working piece)
	40624 (Ceramic: Tool – marver (?))
	40658 (Glass: Fragment)
	40681 (Glass: Fragment)
	40710 (Metal – copper-alloy: Strip)
	40757 (Glass: Fragment)
	40813 (Glass: Fragment)
	40836 (Glass: Fragment)
	40839i (Glass: Fragment)
	40839ii (Glass: Fragment)
	40846 (Glass: Fragment)
	40861 (Glass: Fragment)
	40863 (Glass: Fragment)
	40890 (Glass: Fragment / working waste (?))
	40898 (Glass: Fragment)
	40932 (Glass: Rod)
	41022 (Metal – copper-alloy: Fragment)
	41464 (Glass: Bead)
	41489 (Glass: Bead)

Provenance	Object Information
	42143 (Faience: Bead)
	42220 (Faience: Bead)
	42261 (Faience: Bead waster)
	42289 (Faience: Bead)
	42473 (Faience: Bead)
	43216 (Ceramic: Cylindrical vessel)
J/-4, 15709	40655i (Glass: Fragment)
	40655ii (Glass: Fragment)
	40838 (Glass: Fragment)
	40892 (Glass: Fragment)
	40896 (Glass: Fragment)
	40897 (Glass: Fragment)
	41436 (Glass: Bead)
J/-4, 15710	40531 (Glass: Rod)
	40749 (Glass: Fragment)
	40750 (Glass: Fragment)
	40837 (Glass: Fragment)
	40889 (Glass: Fragment)
	42198 (Faience: Bead)
	42480 (Faience: Bead)
J/-4, 15727	40554 (Faience: Collar Pendant)
	40607 (Ceramic: Fritting pan)
	40610 (Ceramic: Cylindrical vessel)
	40690 (Glass: Ring (?) / Working piece (?))
	40799 (Glass: Fragment)
	40811 (Glass: Fragment)
	40844 (Faience: Inlay (waste?))
	40957 (Glass: Extract)
	41041 (Stone – pink granite: Grinder (?))
	41451 (Glass: Bead)
	41470 (Glass: Bead)
	41471 (Glass: Bead)
	41494 (Glass: Bead)
	42227 (Faience: Bead)
J/-4, 15754	40575 (Glass: Drop / Inlay)
	40755 (Glass: Working piece)
	40812 (Glass: Fragment)
	40815 (Glass: Fragment)
	40821 (Glass: Fragment)
	40845 (Glass: Fragment)
J/-4, 15905	40817 (Glass: Fragment)
	40819 (Glass: Fragment)

Provenance	Object Information
	40953 (Glass: Working piece)
J/-4, Cleaning 15704	41474 (Glass: Drop)
J/-5, 17515	41521 (Glass: Rod)
	41528 (Glass: Rod)
	41541 (Glass: Rod)
	41544 (Glass: Strip)
	41552 (Glass: Fragment)
	41555 (Glass: Fragment)
	41558 (Glass: Fragment)
	41560 (Glass: Fragment)
	41561 (Glass: Fragment)
	41562 (Glass: Working piece – extract (?))
	41563 (Glass: Fragment)
	41573 (Glass: Fragment)
	41576 (Glass: Fragment)
	41578 (Glass: Fragment)
	41583 (Glass: Fragment)
	41584 (Glass: Fragment)
	41585 (Glass: Fragment)
	41586 (Glass: Fragment)
	41590 (Glass: Fragment)
	41593 (Glass: Fragment)
	41605 (Glass: Rod)
	41613 (Glass: Fragment)
	41618 (Glass: Fragment)
	41645 (Glass: Fragment)
	41646 (Glass: Fragment)
	41649 (Glass: Fragment)
	41663 (Faience: Collar pendant)
	41666 (Faience: Collar pendant)
	41673 (Ceramic: Cylindrical vessel)
	41724 (Glass: Extract)
	41727 (Glass: Bar)
	41736 (Stone – limestone: Polisher (?))
	41830 (Glass: Extract)
	42512 (Faience: Bead)
	42521 (Faience: Bead)
	42526 (Faience: Bead)
	42527 (Faience: Bead)
	42561 (Faience: Bead)
	42576 (Faience: Bead)
	42618 (Faience: Tile)

Provenance	Object Information
	42642 (Faience: Bead)
	42643 (Faience: Bead)
	42646 (Faience: Bead)
	42690 (Faience: Bead)
	42699 (Faience: Bead waster)
	42700 (Faience: Bead waster)
	42714 (Faience: Bead waster)
	42742I (Faience: Bead)
	42742ii (Faience: Bead)
	42752 (Faience: Bead)
	42760 (Faience: Bead waster)
	42841 (Faience: Inlay)
	42886I (Faience: Bead)
	42886ii (Faience: Bead)
	42887I (Faience: Bead)
	42887ii (Faience: Bead)
	42895 (Faience: Inlay)
	42896 (Faience: Inlay)
	42897 (Faience: Bead waster)
	42898 (Faience: Inlay (edge piece))
	42940 (Faience: Bead)
	42964 (Glass: Bead)
	42966 (Glass: Drop / Inlay)
	43026 (Glass: Bead)
	43719 (Faience: Bead)
J/-5, 17519	43222 (Ceramic: Cylindrical vessel / oven furniture)
J/-5, 17525	41565 (Glass: Fragment)
	41577 (Glass: Fragment)
	41599 (Glass: Fragment)
J/-5, 17572	41522 (Glass: Rod or vessel (?))
	41538 (Glass: Rod or working piece)
	41551 (Glass: Fragment)
	41569 (Glass: Fragment)
	41570 (Glass: Fragment)
	41582 (Glass: Fragment)
	41597 (Glass: Vessel (?))
	41610 (Glass: Fragment)
	41619 (Glass: Fragment)
	41625 (Glass: Fragment)
	41628 (Glass: Fragment)
	41637 (Glass: Fragment)
	41638 (Glass: Fragment)

Provenance	Object Information
	41651 (Glass: Fragment / Crucible glass (?))
	41669 (Faience: Necklace pendant)
	41677 (Ceramic: Industrial vessel)
	41713 (Glass: Fragment)
	41722 (Glass: Extract (?))
	42504 (Faience: Bead)
	42522 (Faience: Bead)
	42535 (Faience: Bead)
	42554 (Faience: Bead)
	42563 (Faience: Bead)
	42688 (Faience: Bead)
	42689 (Faience: Bead)
	42692 (Faience: Bead waster)
	42694 (Faience: Bead waster)
	42695 (Faience: Bead waster)
	42696i (Faience: Bead waster)
	42696ii (Faience: Bead waster)
	42696iii (Faience: Bead waster)
	42697 (Faience: Bead waster (?))
	42745I (Faience: Bead waster)
	42745ii (Faience: Bead waster)
	42745iii (Faience: Bead waster)
	42745iv (Faience: Bead)
	42745ix (Faience: Bead)
	42745v (Faience: Bead)
	42745vi (Faience: Bead)
	42745vii (Faience: Bead)
	42745viii (Faience: Bead)
	42750I (Faience: Bead waster)
	42750ii (Faience: Bead waster)
	42750iii (Faience: Bead waster)
	42753 (Faience: Bead)
	42754 (Faience: Bead)
	42768 (Faience: Bead waster)
	42877i (Faience: Bead)
	42877ii (Faience: Bead)
	42882I (Faience: Bead)
	42882ii (Faience: Bead)
	42884i (Faience: Bead)
	42884ii (Faience: Bead)
	42884iii (Faience: Bead)
	42885 (Faience: Bead)

Provenance	Object Information
	42888I (Faience: Bead)
	42888ii (Faience: Bead)
	42916 (Faience: Inlay (waste?))
	42932 (Faience: Bead)
	43023 (Glass: Bead waster)
J/-5, 17575	41554 (Glass: Fragment)
	41594 (Glass: Fragment / crucible glass)
J/-5, 17621	41933 (Glass: Fragment)
	41936 (Glass: Fragment)
	41974 (Stone – sandstone: Polishing tool)
	41993 (Glass (?): Fragment)
J/-5, 17622	41815 (Glass: Fragment)
	41820 (Glass: Fragment)
	41821 (Glass: Fragment)
	41954 (Faience: Ring shank and bezel)
	42725 (Faience: Bead manufacture)
	42922 (Faience: Inlay)
	43020 (Glass: Unfinished bead)
	43038 (Glass: Bead waster)
J/-5, 17624	41559 (Glass: Fragment / Crucible glass)
	41608 (Glass: Fragment)
	41611 (Glass: Fragment)
	41718 (Glass: Working piece)
	41726 (Glass: Strip)
	41817 (Glass: Fragment)
	41851 (Metal – copper-alloy: Sheet working waste)
	42519 (Faience: Bead)
	42520 (Faience: Bead)
	42524 (Faience: Bead)
	42556 (Faience: Bead waster (?))
	42577 (Faience: Bead)
	42631 (Faience: Inlay (waste?))
	42698 (Faience: Bead waster)
	42701 (Faience: Bead waster (?))
	42703I (Faience: Bead waster)
	42703ii (Faience: Bead waster)
	42712 (Faience: Bead waster)
	42719 (Faience: Bead waster (?))
	42756 (Faience: Bead)
	42758I (Faience: Bead waster)
	42758ii (Faience: Bead waster)
	42759 (Faience: Bead)

Provenance	Object Information
	42767 (Faience: Bead)
	42870 (Faience: Bead)
	42933i (Faience: Bead)
	42933ii (Faience: Bead)
	42935i (Faience: Bead)
	42935ii (Faience: Bead)
	42935iii (Faience: Bead)
	42935iv (Faience: Bead)
	43035 (Glass: Bead)
	43039 (Glass: Bead)
J/-5, 17662	41835 (Bone: Inlay (?)) / Textile-working tool (pin-beater / bone point (?))
J/-5, 17679	41803 (Glass: Fragment)
J/-5, 17707	41812 (Glass: Fragment)
	41813 (Glass: Fragment)
	42571 (Faience: Bead)
	43021 (Faience: Bead)
K/-2, 17509	42789 (Metal – copper-alloy: Working waste)
	42834 (Faience: Inlay)
K/-2, 17554	42944 (Pigment: Ochre)
K/-2, 17577	41524 (Glass: Rod)
	41542 (Glass: Glass waste / drop or slag)
	41543 (Glass: Strip)
	41548 (Glass: Bar)
	41632 (Glass: Fragment)
	41671 (Ceramic: Cylindrical vessel)
	41702 (Ceramic: Metal-working crucible)
	41704 (Ceramic: Reused sherd / Tool)
	41706 (Stone – Agate: Bead)
	41737 (Stone – hard sandstone / quartzite: Inlay fragment / tool)
	41781 (Faience: Ring shank and bezel)
	41785 (Faience: Ring bezel)
	41787 (Faience: Collar pendant / necklace pendant)
	41792 (Faience: Tile / inlay (edge piece))
	41846 (Metal – copper-alloy: Chisel (?))
	42027 (Clay: Token)
	42507 (Faience: Bead)
	42546 (Faience: Bead)
	42564 (Faience: Bead)
	42568 (Faience: Bead)
	42569 (Faience: Bead)
	42627 (Faience: Inlay)
	42639 (Faience: Bead)

Provenance	Object Information
	42644 (Faience: Bead)
	42645 (Faience: Bead)
	42680 (Faience: Bead)
	42683 (Faience: Bead)
	42798 (Metal – copper-alloy: Cold-working waste)
	42814 (Metal – copper-alloy: Crucible dross)
	42815 (Metal – copper-alloy: Casting spill)
	42853 (Faience: Inlay)
	42854 (Faience: Inlay)
	42869 (Faience: Bead)
	42917 (Faience: Inlay (waste?))
	42918 (Faience: Inlay)
	43044 (Glass: Bead)
	43045 (Glass: Bead)
	44052 (Ostrich egg shell: Fragment)
K/-2, 17577?	42868 (Faience: Inlay)
K/-2, 17581	41845 (Stone – hard sandstone / quartzite: Furniture: bowl or stand)
K/-2, 17595	41519 (Glass: Rod)
	41655 (Glass: Fragment)
	41735 (Stone – limestone (local): Polishing tool)
	41756 (Stone – quartzite: Quern fragment)
	41757 (Faience: Inlay / throwstick)
	41770 (Ceramic: Jar stopper (?))
	41858 (Metal – copper-alloy: Rod)
	41958 (Faience: Ring bezel)
	41960 (Faience: Necklace pendant)
	41961 (Faience: Collar pendant)
	42500 (Faience: Bead)
	42559 (Faience: Bead)
	42560 (Faience: Bead)
	42652 (Faience: Bead)
	42704 (Faience: Bead waster)
	42776 (Metal – copper-alloy: Casting spill)
	42799 (Metal – copper-alloy: Working piece)
	42800 (Metal – copper-alloy: Casting spill)
	42817 (Ceramic: Metal-working crucible)
	42855 (Faience: Inlay)
	42919 (Faience: Inlay (edge piece))
	42961 (Faience: Bead)
	43011 (Glass: Bead)
	43012 (Glass: Bead)
	43024 (Glass: Bead)

Provenance	Object Information
K/-2, 17692	42653 (Faience: Bead)
	42658 (Faience: Bead)
	42770 (Metal – copper-alloy: Casting spill)
K/-2, 17699	41930 (Glass: Fragment)
	42572 (Faience: Bead)
K/-2, 17708	41827 (Glass: Rod)
	41864 (Ceramic: Metal-working crucible (?))
	42806 (Metal – copper-alloy: Crucible dross)
	42827 (Metal – copper-alloy: Crucible dross)
K/-3 / I/-3, 17668	41978 (Stone – limestone: Drill head)
K/-3, 15673	41500 (Glass: Bead)
K/-3, 17510	41547 (Glass: Strip)
	41568 (Glass: Fragment)
	41620 (Glass: Fragment)
	41626 (Glass: Fragment)
	41818 (Glass: Fragment)
	42835 (Faience: Inlay)
	42958 (Glass: Bead)
K/-3, 17561	41705 (Stone – Agate / glass (?): Bead)
K/-3, 17567	44104 (Paper / Carton: Fragment)
K/-4 / L/-4, 15689	40561 (Faience: Ring shank and bezel)
	40571 (Faience: Necklace pendant)
	40769 (Glass: Fragment)
	40770 (Glass: Working piece)
	40795 (Glass: Fragment)
	40873 (Stone – Jasper (?): Chip)
	41438 (Glass: Bead)
	42203 (Faience: Bead)
	42266 (Faience: Bead waster)
	42419 (Faience: Bead)
K/-4 / L/-4, 15716	40708 (Metal – copper-alloy: Awl (?))
	41024 (Metal – copper-alloy: Casting spill)
K/-4 / L/-4, 15768	41479 (Glass: Bead)
K/-4, 15628	40532 (Glass: Strip)
	40949 (Glass: Rod)
	40988 (Faience: Inlay (waste?))
	41061 (Frit: Fragment)
	42199 (Faience: Bead)
	42204 (Faience: Bead)
	42228 (Faience: Bead)
	42408 (Faience: Bead)
	42482 (Faience: Bead)

Provenance	Object Information
	42483 (Faience: Bead)
K/-4, 15629	42200 (Faience: Bead)
K/-4, 15644	43076 (Faience: Bead waster (?))
K/-4, 15664	40385 (Glass: Fragment / working waste (?))
	40388 (Glass: Rod)
	40389 (Glass: Rod)
	40390 (Glass: Fragment)
	40391 (Glass: Rod)
	40392 (Glass: Fragment)
	40394 (Glass: Fragment)
	40402 (Glass: Fragment)
	40405 (Glass: Fragment)
	40423 (Glass: Crucible glass)
	40426 (Faience: Tile / inlay (waste?))
	40427 (Faience: Tile)
	40428 (Faience: Tile / inlay (waste?))
	40431 (Glass: Fragment)
	40432 (Glass: Fragment)
	40433 (Glass: Fragment)
	40434 (Glass: Fragment)
	40435 (Glass: Fragment)
	40436 (Glass: Crucible glass (?))
	40437 (Glass: Fragment)
	40438 (Glass: Fragment)
	40439 (Glass: Fragment)
	40440 (Glass: Rod)
	40441 (Glass: Fragment)
	40442 (Glass: Fragment)
	40443 (Glass: Fragment)
	40444 (Glass: Inlay)
	40445 (Glass: Fragment)
	40449 (Ceramic: Cylindrical vessel (?) / industrial vessel fragment)
	40450 (Ceramic: Cylindrical vessel)
	40452 (Ceramic: Cylindrical vessel)
	40456 (Ceramic: Industrial vessel / cylindrical vessel)
	40457i (Ceramic: Cylindrical vessel)
	40457ii (Ceramic: Cylindrical vessel)
	40466 (Faience: Inlay)
	40467 (Faience: Inlay (edge piece))
	40468 (Faience: Inlay (edge piece))
	40472 (Faience: Inlay)
	40478 (Glass: Fragment)

Provenance	Object Information
	40481 (Glass: Fragment)
	40482 (Glass: Fragment)
	40484 (Glass: Fragment)
	40485 (Glass: Working piece (?))
	40495 (Glass: Rod)
	40496 (Glass: Rod)
	40497 (Glass: Rod)
	40499 (Glass: Strip)
	40503 (Metal – copper-alloy: Blade)
	40506 (Glass: Rod)
	40529 (Glass: Working piece)
	40599i (Ceramic: Cylindrical vessel)
	40599ii (Ceramic: Cylindrical vessel)
	40672 (Glass: Fragment)
	40735 (Glass: Fragment)
	40741 (Glass: Fragment)
	40783 (Glass: Fragment)
	40785 (Glass: Fragment)
	40828 (Glass: Fragment)
	40864 (Glass: Fragment)
	40902 (Glass: Fragment)
	40906 (Glass? Or frit?: Working piece? Or working waste?)
	40907 (Glass: Fragment)
	40908 (Glass: Fragment)
	40909 (Glass: Fragment)
	40911 (Glass: Crucible glass)
	41023 (Metal – copper-alloy: Casting spill)
	41054 (Stone – sandstone: Fragment / polisher/grinder)
	41066 (Glass? Or frit?: Working piece? Or working waste?)
	41441 (Glass: Drop-shaped pendant (?))
	41478 (Glass: Bead)
	41481 (Glass: Bead)
	42138 (Faience: Bead)
	42139 (Faience: Bead)
	42144 (Faience: Bead)
	42152 (Faience: Bead)
	42164 (Faience: Bead)
	42192 (Faience: Bead)
	42229 (Faience: Bead)
	42262 (Faience: Bead waster)
	42263 (Faience: Bead waster)
	42298 (Faience: Bead)

Provenance	Object Information
	42333 (Faience: Bead)
	42334 (Faience: Bead)
	42335 (Faience: Bead)
	42364 (Faience: Bead)
	42365 (Faience: Bead)
	42366 (Faience: Bead)
	42367 (Faience: Bead)
	42368 (Faience: Bead)
	42369 (Faience: Bead)
	42392 (Faience: Bead waster (?))
	42393 (Faience: Bead waster (?))
	42394 (Faience: Bead waster)
	42395 (Faience: Bead waster)
	42396 (Faience: Bead waster)
	42397 (Faience: Bead waster (?))
	42488 (Faience: Bead)
	42605 (Faience: Bead)
	43067 (Faience: Bead)
	43075 (Faience: Bead)
K/-4, 15669	40766 (Glass: Fragment)
	41459 (Glass: Bead waster)
	42231 (Faience: Bead)
K/-4, 15673	40494 (Glass: Rod)
	40504 (Glass: Fragment)
	40556 (Faience: Collar pendant)
	40652 (Glass: Fragment)
	40670 (Glass: Fragment)
	40702 (Glass: Inlay)
	40736 (Glass: Fragment)
	40758 (Glass: Fragment)
	40759 (Glass: Fragment)
	40761 (Glass: Fragment)
	40762 (Glass: Fragment)
	40786 (Glass: Fragment)
	40787 (Glass: Fragment)
	40788 (Glass: Fragment)
	40793i (Glass: Fragment)
	40793ii (Glass: Fragment)
	40794 (Glass: Fragment)
	40800 (Glass: Fragment)
	40826 (Glass: Fragment)
	40848 (Glass: Crucible glass)

Provenance	Object Information
	40849 (Glass: Fragment)
	40850 (Glass: Fragment)
	40853 (Glass: Fragment)
	40867 (Glass: Fragment)
	40869 (Glass: Fragment)
	40872 (Glass: Fragment)
	40912 (Glass: Fragment)
	41458 (Glass: Bead waster)
	41477 (Glass: Bead)
	42145 (Faience: Bead)
	42186 (Faience: Bead)
	42232 (Faience: Bead)
	42264 (Faience: Bead)
	42371 (Faience: Bead)
	42372 (Faience: Bead)
	42373 (Faience: Bead)
	42398 (Faience: Bead waster)
	42399 (Faience: Bead waster (?))
	42400 (Faience: Bead)
	42489 (Faience: Bead)
	43209 (Ceramic: Industrial vessel)
K/-4, 15674	40660 (Glass: Fragment)
	40737 (Glass: Fragment)
	40765 (Glass: Fragment)
	40768 (Glass: Fragment)
	40792 (Glass: Fragment)
	40829 (Glass: Fragment)
	40866 (Glass: Fragment)
	42146 (Faience: Bead)
K/-4, 15685	40512 (Glass: Rod / working piece)
	40515 (Glass: Rod)
	40527 (Glass: Vessel)
	40572 (Faience: Necklace pendant)
	40596 (Ceramic: Cylindrical vessel)
	40597 (Ceramic: Fritting pan)
	40619 (Ceramic and gypsum (?): Cylindrical vessel)
	40784 (Glass: Fragment)
	40905 (Glass: Fragment)
	40910 (Glass: Fragment)
	40989 (Faience: Inlay)
	40990 (Faience: Inlay)
	41468 (Glass: Bead)

Provenance	Object Information
	43220 (Ceramic: Cylindrical vessel)
	43221 (Ceramic: Tool ?)
K/-4, 15686	40488 (Glass: Rod)
	40490 (Glass: Rod)
	40492 (Glass: Rod)
	40608 (Ceramic: Cylindrical vessel)
	40609 (Ceramic: Cylindrical vessel (?))
	40648 (Glass: Fragment)
	40680 (Glass: Fragment)
	40739 (Glass: Fragment)
	40827 (Glass: Inlay (?) / Vessel (?))
	40901 (Glass: Fragment)
	40903 (Glass: Fragment)
	40913 (Glass: Fragment)
	41049 (Stone – hard sandstone / quartzite: Inlay (?) / rubber/ polisher)
	43217 (Ceramic: Cylindrical vessel)
K/-4, 15687	40487 (Glass: Rod)
	40493 (Glass: Rod)
	40509 (Glass: Strip)
	40516 (Glass: Rod)
	40518 (Glass: Rod)
	40522 (Stone – Fossil (was: Alabaster): Fossil (was: Vessel fragment))
	40524 (Glass: Strip)
	40525 (Glass: Working piece / extract)
	40528 (Glass: Rod)
	40547 (Faience: Collar (?) pendant loop)
	40565 (Faience: Ring shank)
	40584 (Metal – copper-alloy: Hook / Rod)
	40633 (Ceramic: Reused sherd / industrial vessel / tool)
	40663 (Glass: Fragment / white working waste)
	40674 (Glass: Fragment)
	40676 (Glass: Fragment)
	40678 (Glass: Fragment)
	40685 (Glass: Fragment)
	40688 (Glass: Fragment)
	40738 (Glass: Fragment)
	40740 (Glass: Fragment)
	40742 (Glass: Fragment)
	40760 (Glass: Fragment)
	40763 (Glass: Fragment)
	40764 (Glass: Fragment)
	40767 (Glass: Fragment)

Provenance	Object Information
	40789 (Glass: Working piece?)
	40790 (Glass: Fragment)
	40791 (Glass: Fragment)
	40824 (Glass: Fragment)
	40851 (Glass: Fragment)
	40865 (Glass: Fragment)
	40868 (Glass: Fragment)
	40870 (Glass: Fragment)
	40871 (Glass: Fragment)
	40878 (Glass: Fragment)
	40899 (Glass: Fragment)
	40900 (Glass: Fragment)
	41055i (Faience: Brick / Raw material (?))
	41055ii (Gypsum: Moulding (?))
	41060i (Glass: Fragment)
	41060ii (Glass: Fragment)
	41060iii (Glass: Fragment)
	41063 (Glass: Fragment)
	41432 (Glass: Bead)
	41475 (Glass: Bead)
	42142 (Faience: Bead)
	42147 (Faience: Bead)
	42165 (Faience: Bead)
	42193 (Faience: Bead)
	42197 (Faience: Bead waster)
	42207 (Faience: Bead)
	42233 (Faience: Bead)
	42242 (Faience: Bead waster)
	42265 (Faience: Bead waster)
	42374 (Faience: Bead)
	42375 (Faience: Bead)
	42376 (Faience: Bead)
	42377 (Faience: Bead)
	42401 (Faience: Bead waster)
	42402 (Faience: Bead waster (?))
	42403 (Faience: Bead waster)
	42490 (Faience: Bead)
	42491 (Faience: Bead)
	42492 (Faience: Bead)
	42493 (Faience: Bead)
	42494 (Faience: Bead)
	42495 (Faience: Bead)

Provenance	Object Information
	43062 (Faience: Bead)
	43063 (Faience: Bead)
	43064 (Faience: Bead)
	43073 (Faience: Bead)
K/-4, 15689	40993 (Faience: Inlay)
K/-4, 15728	41492 (Glass: Bead)
K/-4, 15729	40991 (Faience: Inlay)
	40992 (Faience: Inlay)
	43266 (Bone: Worked bone object)
K/-4, 15731	42294 (Faience: Bead)
	42300 (Glass: Bead)
K/-4, 15779	40659 (Glass: Fragment)
	40698 (Glass: Bar)
	40825 (Glass: Fragment)
	40852 (Glass: Inlay (?) / Vessel (?))
	40877 (Faience: Inlay)
	40904 (Glass: Fragment)
	42215 (Faience: Bead)
	42234 (Faience: Bead)
	42308 (Faience: Bead)
	42311 (Faience: Bead)
	42487 (Faience: Bead)
K/-4, 15906	40914 (Faience: Inlay)
	41036 (Glass: Fragment)
K/-5 S, 17516	41595 (Glass: Fragment)
	41932 (Glass: Fragment)
	42899 (Faience: Inlay)
K/-5, 17516	41526 (Glass: Rod)
	41549 (Glass: Bar)
	41550 (Glass: Inlay)
	41567 (Glass: Fragment / Crucible glass)
	41682 (Ceramic: Cylindrical vessel)
	41721 (Glass: Extract)
	42513 (Faience: Bead)
	42619 (Faience: Inlay)
	42713 (Faience: Bead waster (?))
	42842 (Faience: Inlay)
	42843 (Faience: Inlay)
	42844 (Faience: Inlay)
	42872 (Faience: Bead)
	42900 (Faience: Inlay (edge piece))
	42901 (Faience: Inlay (waste?))

Provenance	Object Information
	42968 (Glass: Unfinished bead)
	43017 (Glass: Bead)
	43046 (Glass: Bead)
K/-5, 17554	41553 (Glass: Fragment)
	41556 (Glass: Rod)
	41579 (Glass: Fragment)
	41581 (Glass: Fragment)
	41589 (Glass: Fragment)
	41596 (Glass: Fragment)
	41598 (Glass: Fragment)
	41621 (Glass: Fragment)
	41624 (Glass: Fragment)
	41627 (Glass: Fragment)
	41635 (Glass: Fragment)
	41636 (Glass: Fragment)
	41640i (Glass: Fragment)
	41640ii (Glass: Fragment)
	42502 (Faience: Bead)
	42530 (Faience: Bead waster)
	42640 (Faience: Bead)
	42740i (Faience: Bead)
	42740ii (Faience: Bead)
	42746 (Faience: Bead)
	42747 (Faience: Bead)
	42751 (Faience: Bead)
	42755I (Faience: Bead waster)
	42755ii (Faience: Bead waster)
	42757 (Faience: Bead)
	42871 (Faience: Bead)
	42875 (Faience: Bead)
	42878 (Faience: Bead waster)
	42938 (Faience: Bead)
	42947 (Pigment: Ochre)
	43025 (Glass: Bead waster)
	43047 (Glass: Bead)
	43069 (Faience: Bead)
	43718 (Faience: Bead)
K/-5, 17555	41588 (Glass: Fragment)
	41592 (Glass: Fragment)
	41623 (Glass: Rod)
	41686 (Ceramic: Metal-working crucible (?))
	42565 (Faience: Bead)

Provenance	Object Information
	42937 (Faience: Bead)
K/-5, 17614	41607 (Glass: Fragment)
	41629 (Glass: Fragment)
	41630 (Glass: Fragment)
	41631 (Glass: Fragment)
	41643 (Glass: Fragment)
	41647 (Glass: Fragment)
	41650 (Glass: Fragment)
	41667 (Faience: Collar pendant)
	41703 (Ceramic: Tool (?))
	41738 (Stone – hard sandstone: Rubber or polisher)
	41959 (Faience: Collar pendant)
	42550 (Faience: Bead)
	42557 (Faience: Bead)
	42679 (Faience: Bead)
	42707 (Faience: Bead waster)
	42708 (Faience: Bead waster)
	42709 (Faience: Bead waster (?))
	42724 (Faience: Waste material / (bead) waster)
	42734 (Faience: Bead waster)
	42749 (Faience: Bead)
	42802 (Metal – copper-alloy: Casting spill)
	42936 (Faience: Bead)
	42945 (Pigment: Ochre)
	43078 (Glass: Fragment)
K/-5, 17615	41580 (Glass: Fragment)
	42630 (Faience: Inlay (edge piece))
L/-2, 17511	41633 (Glass: Fragment)
	42794 (Metal – copper-alloy: Crucible slag)
L/-2, 17512	41634 (Glass: Fragment)
L/-2, 17610	41609 (Glass: Fragment)
	41614 (Glass: Fragment)
	41676 (Ceramic: Cylindrical vessel (?))
	41687 (Ceramic: Reused sherd / Tool)
	42628 (Faience: Inlay)
	42818 (Metal – copper-alloy: Crucible dross)
	42819 (Metal – copper-alloy: Crucible dross)
	43048 (Glass: Bead waster)
L/-2, 17611	41527 (Glass: Rod)
	41529 (Glass: Rod)
	41557 (Glass: Fragment)
	41695 (Ceramic: Metal-working crucible)

Provenance	Object Information
	41698 (Ceramic: Potsherd)
	41700 (Ceramic: Metal-working crucible)
	41778 (Faience: Ring shank)
	41779 (Faience: Ring shank and bezel)
	41782 (Faience: Ring shank and bezel)
	42588 (Faience: Bead)
	42629 (Faience: Inlay)
	42826 (Metal – copper-alloy: Crucible slag)
	42857 (Faience: Inlay (waste?))
	42858 (Faience: Inlay)
	42859 (Faience: Inlay)
	42920 (Faience: Inlay)
	42921 (Faience: Inlay (edge piece))
	43043 (Glass: Papyrus column bead)
	43242 (Ceramic: Female figurine)
L/-2, 17626	41564 (Glass: Fragment / working piece / vessel (?))
	41603 (Glass: Rod)
	41604 (Glass: Rod, bar or working piece)
	41980 (Glass: Rod)
	42005 (Faience: Collar pendant)
L/-2, 17626/17631	41690 (Ceramic: Metal-working crucible)
L/-2, 17631	42860 (Faience: Inlay)
L/-2, 17641	41911 (Ceramic: Metal-working crucible)
L/-2, 17710	41910 (Ceramic: Metal-working crucible)
	42660 (Faience: Bead)
	42673 (Faience: Bead)
	42711 (Faience: Bead)
	43027 (Glass: Bead)
L/-2, 17711	42531 (Faience: Bead)
	42775 (Metal – copper-alloy: Crucible slag)
L/-2, 17742	42672 (Faience: Bead)
L/-3, 17512	41532 (Glass: Rod)
	41535 (Glass: Rod)
	42516 (Faience: Bead)
	42544 (Faience: Bead)
	42766 (Faience: Bead)
	43225 (Ceramic: Cylindrical vessel)
L/-3, 17573	41773 (Faience: Ring shank)
	42506 (Faience: Bead)
	42651 (Faience: Bead)
	42671 (Faience: Bead)
	42682 (Faience: Bead)

Provenance	Object Information
	42825 (Metal – copper-alloy: Fragment)
	43014 (Glass: Bead)
L/-3, 17576	41601 (Glass: Rod)
	41783 (Faience: Ring shank and bezel)
	41848 (Metal – copper-alloy: Blade (?))
	42510 (Faience: Bead)
	42514 (Faience: Bead)
	42515 (Faience: Bead)
	42517 (Faience: Bead)
	42518 (Faience: Bead)
	42552 (Faience: Bead)
	42562 (Faience: Bead)
	42567 (Faience: Bead)
	42580 (Faience: Bead)
	42797 (Metal – copper-alloy: Casting spill)
	42876 (Faience: Bead)
L/-3, 17657	41794 (Faience: Tile / Inlay (edge piece))
	41795 (Faience: Inlay (edge piece))
	41796 (Faience: Inlay)
L/-3, 17744	42809 (Metal – copper-alloy: Working waste)
L/-3, 17752	42030 (Ceramic: Blue-painted vessel)
L/-3, Surface	41739 (Stone – Dolerite: Pounder)
L/-4, 15684	40498 (Glass: Rod)
	40564 (Faience: Ring shank)
	40570 (Glass: Inlay (?))
	40585 (Metal – copper-alloy: Rod)
	40709 (Metal – copper-alloy: Sheetting (?))
	40995I (Faience: Inlay)
	40995ii (Faience: Inlay)
	40996 (Faience: Inlay)
	40997 (Faience: Inlay (edge piece))
	40998 (Faience: Inlay (edge piece))
	40999 (Faience: Inlay (waste?))
	41000 (Faience: Inlay)
	41001 (Faience: Inlay)
	41002 (Faience: Inlay (edge piece))
	41025 (Metal – copper-alloy: Casting spill)
	41065 (Frit: Fragment)
	42201 (Faience: Bead)
	42267 (Faience: Bead waster)
	42414 (Faience: Bead)
L/-4, 15689	40994 (Faience: Inlay)

Provenance	Object Information
L/-4, 15717	42606 (Faience: Bead)
	42607 (Faience: Bead)
L/-4, 15780	40830 (Glass: Fragment)
	41003 (Faience: Inlay)
	41487 (Glass: Bead)
	42225 (Faience: Bead)
	42323 (Faience: Bead)
	42326 (Faience: Bead)
L/-4, 15781	40628 (Ceramic: Cylindrical vessel)
L/-4, 15785	40666 (Metal – Electrum: Electrum foil)
	40695 (Stone – Agate: Bead)
	40714 (Organic: Burnt seeds (4 pc))
	40715 (Soil: Sample)
	41026 (Metal – copper-alloy: Fragment)
	42329 (Faience: Bead)
	42337 (Faience: Bead waster (?))
	42417 (Faience: Bead)
L/-4, 15793	40667 (Metal – copper-alloy: Chisel (?))
	40668 (Metal – copper-alloy: Hook / Fish hook)
	40718 (Clay: Papyrus- or jar sealing (?))
	41004 (Faience: Inlay)
	42416 (Faience: Bead)
L/-4, 15796	41005 (Faience: Inlay)
L/-4, 17515	41692 (Ceramic: Metal-working crucible)
L/-4, 17517	41537 (Glass: Rod)
	41545 (Glass: Strip)
	41606 (Glass: Vessel)
	41657 (Glass: Inlay (?))
	41660 (Faience: Collar pendant)
	41668 (Faience: Collar pendant)
	41683 (Ceramic: Potsherd)
	41707 (Stone – Agate: Unfinished cowroid (?) bead)
	41740 (Stone – quartzite (cream coloured): Rider (quern))
	41753 (Glass: Bar)
	41769 (Ceramic: Mycenean sherd)
	41772 (Faience: Ring shank)
	41774 (Faience: Ring shank)
	41798 (Faience: Inlay)
	42620 (Faience: Inlay)
	42622 (Faience: Inlay)
	42668 (Faience: Bead)
	42681 (Faience: Bead waster)

Provenance	Object Information
	42811 (Metal – copper-alloy: Crucible dross)
	42845 (Faience: Inlay (waste?))
	42874 (Faience: Bead)
	42902 (Faience: Inlay)
	42903 (Faience: Inlay)
	42904 (Faience: Inlay)
	42905 (Faience: Inlay (waste?))
	42963 (Glass: Bead)
L/-4, 17522	41664 (Faience: Collar pendant / necklace pendant)
L/-4, 17605	41659 (Faience: Necklace pendant)
L/-5, 17517	42621 (Faience: Inlay (edge piece / waste?))
L/-5, 17518	41534 (Glass: Rod)
	41642 (Glass: Fragment)
	41850 (Metal – copper-alloy: Tool (?))
	42553 (Faience: Bead)
	42623 (Faience: Inlay (edge piece / waste?))
	42624 (Faience: Inlay)
	42648 (Faience: Bead)
	42846 (Faience: Inlay)
	42847 (Faience: Inlay (waste?))
	42873 (Faience: Bead)
	42906 (Faience: Inlay)
	42907 (Faience: Inlay)
	42908 (Faience: Inlay)
	42909 (Faience: Inlay)
	42946i (Pigment: Ochre)
	42946ii (Pigment: Ochre)
L/-5, 17544	41790 (Faience: Necklace pendant)
	41802 (Glass: Fragment)
	41822 (Glass: Fragment)
	41854 (Metal – copper-alloy: Tool (?) – Blade or tweezers)
	41855 (Metal – copper-alloy: Tool (?) – Blade / tweezers / adze)
	41857 (Metal – copper-alloy: Casting spill)
	42534 (Faience: Bead)
	42543 (Faience: Bead)
	42723 (Faience: Bead waster)
	42727 (Faience: Bead waster)
	42848 (Faience: Inlay)
	42849 (Faience: Inlay)
	42880 (Faience: Bead)
	42911 (Faience: Inlay)
	42912 (Faience: Inlay)

Provenance	Object Information
	42959 (Glass: Unfinished bead)
From <i>makhtaf</i> , no label	41678 (Ceramic: Tool / Cylindrical vessel (?))
SW palace wasteheap	41759 (Ceramic: Cylindrical vessel)
	41760 (Ceramic: Metal-working crucible)
No label	42175 (Faience: Bead)
Spoil from backfill	41501 (Glass: Fragment or working piece)
	41502 (Glass: Strip / Bar)
	42503 (Faience: Bead)
Spoil heap N of site	43750 (Limestone: Table)
Spoil heap N of site	43751 (Ceramic: Cylindrical vessel)
Spoil heap S of site	42941 (Ceramic: Cylindrical vessel)
	41970 (Ceramic: Pigment bowl)
Surface (German grid square M49, SE corner; most likely N49.38/39)	40061 (Ceramic: Cylindrical vessel)
	40062 (Ceramic: Metal-working crucible)
	40063 (Ceramic: Oven furniture (?))
	37978 (Ceramic: Cylindrical vessel)
Surface find (work room)	42306 (Faience: Bead)
Surface find NW of excavation area	40349 (Ceramic: Cylindrical vessel)
Surface find S of I/-4	40339 (Ceramic: Cylindrical vessel)
Surface find SE of excavation area	40348 (Ceramic: Cylindrical vessel)
Surface find SE outside M50.14 (from spoil heap)	40340 (Ceramic: Cylindrical vessel)
Surface find W of G/-3	40332 (Faience: Inlay (edge piece))
Surface find W of G/-4	40330 (Faience: Inlay)
Surface find, c.10 m S of centre of site	40593 (Ceramic: Cylindrical vessel)
Surface find, c.40 cm NE of K/-3	40559 (Faience: Amuletic bead – cowroid)
Surface find, just S of K-4 (50 cm E of SW corner and 20 cm S of square boundary)	40384 (Glass: Ingot)
Surface find	40321 (Glass: Fragment)
Surface find, on spoil heap c.10 m N of I/-3	41058 (Stone – limestone: Table)
Surface find, spoil heap S of site	40480 (Glass: Fragment)
Surface, area of N49.1, GPS: 27°37'56.2N, 30°53'31.3E	43211 (Ceramic: Cylindrical vessel)
Old spoil heap to the SE of site	41762 (Ceramic: Potsherd)
	41763 (Ceramic: Tuyère)
	41764 (Ceramic: Cylindrical vessel)
	41765 (Ceramic: Cylindrical vessel)
	41766 (Ceramic: Cylindrical vessel)
	41674 (Ceramic: Cylindrical vessel)
	41675 (Ceramic: Cylindrical vessel)
	43206 (Ceramic: Metal-working crucible)
	43210 (Ceramic: Cylindrical vessel)
	43212 (Ceramic: Cylindrical vessel)

Provenance	Object Information
	43213 (Ceramic: Cylindrical vessel)
	43214 (Stone – sandstone: Rubber or polisher)
	43215 (Glass: Fragment)
	43218 (Ceramic: Cylindrical vessel)
Surface, SE of site	41644 (Glass: Fragment)
Found in box with Grid 12 material marked as M50.14 surface debris. Probably from concentration of vitrified material in I/-4	43243 (Ceramic: Cylindrical vessel)
Unknown	43077 (Glass: Fragment)

