

### III. THE POTTERY ASSEMBLAGE FROM EXECRATION PIT LOCUS 1016

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#### 1. INTRODUCTION

The pottery from execration pit L1016 contained 376 vessels of which 229 are described in *The Catalogue*.<sup>51</sup> 147 vessels<sup>52</sup> – reconstructed from rim and base sherds found in K6515 and fragmentary material associated with L1016 – are included in the statistics.<sup>53</sup> However, in the number of 147 vessels, we did not include 361 dm<sup>2</sup> of body sherds from nearly thirty vessels that could have belonged to an equivalent number of vessels already recorded by shape.<sup>54</sup>

Most shapes out of the 229 vessels in *The Catalogue* belong to the late Hyksos period (211 vessels, 92%); a smaller number belong to the early 18<sup>th</sup> Dynasty (18 vessels, 8%, Chart 1). The majority of shapes are of Egyptian origin (Corpus A, 181 vessels, 79%),<sup>55</sup> and from the Middle Bronze Age II B–C tradition (Corpus B, 48 vessels, 21%, Chart 2). Twenty-two vessels were imported; all of them from the Levant. No Nubian or Cypriote pottery was found in this assemblage.<sup>56</sup>

#### 2. THE LATE HYKSOS PERIOD POTTERY

##### Corpus A

The ceramic material from **Corpus A** (163 vessels) is mostly **domestic pottery** (159 vessels, 98%), with few votive or **model vessels** (4 pots, 2%) (Chart 3). The clay fabric is Nile silt. Most is Nile B<sub>2</sub> (145 vessels, 96%), while a few vessels consist of Nile C<sub>1</sub> (2, 1%) or B<sub>2</sub>/C<sub>1</sub> (4 vessels, 3%. Charts 5 and 6). Only twelve vessels are made of marl clays: ten are Marl F (83%), most probably local marl from the desert bordering the eastern Nile Delta, and two (17%) are Marl C<sup>57</sup> from the Memphite-Faiyum region (Charts 5 and 7). Most of these vessels are wheel-made on a low simple wheel (W<sub>1</sub>) (Chart 12).

The domestic pottery includes **fine ware** and **general household ware**. Cups, a deep bowl and a small bowl, bowls with ring bases, carinated bowls and large bowls with ring bases, can be classified as fine ware (16 vessels, 10%, Charts 4 and 8). The general house-

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<sup>51</sup> See pp. 37–82. From the Inventory book and reconstructed from sherds.

<sup>52</sup> This ceramic material belongs to the late Hyksos period, based on the shape, fabric and shaping technique.

<sup>53</sup> See chapter III.6.2, Table 6, p. 90.

<sup>54</sup> The body fragments (361 dm<sup>2</sup>) include 258 dm<sup>2</sup> of close shapes and 103 dm<sup>2</sup> of open shapes. The fabrics are Nile B<sub>2</sub> (356 dm<sup>2</sup>), Nile C<sub>1</sub> (4 dm<sup>2</sup>), Nile E<sub>1</sub> (0.25 dm<sup>2</sup>) and Nile E<sub>2</sub> (0.75 dm<sup>2</sup>).

<sup>55</sup> The percentage only refers to the material registered in *The Catalogue*.

<sup>56</sup> As in P. FUSCALDO, *Tell el-Dab'a X, Part I: Locus 66*, UZK 16, Vienna 2000, *The Catalogue* includes registered vessels from the Inventory Book of the Austrian Archaeological Mission and those reconstructed from sherds and documented in K6515 from L1016, with shapes, fabrics and wares not found among the pottery recorded in the Inventory. The sherd material from K6515 not included in *The Catalogue* was used for statistical analysis. The vessels registered in the Inventory Book of the Mission includes ceramic material of primary importance from the "A-Keramikinventar" for complete or as-good-as complete restorable pots, marked

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by whole numbers and stored in the magazine of the Supreme Council of Antiquities at the site. The Inventory also includes material from the "B-Keramikinventar" for fragmentary vessels, marked by whole numbers followed by a letter and stored in the magazine of the Excavation House at Tell el-Dab'a. The sherds from K6515 are regarded as ceramic material of secondary importance. These are sherds registered for diagnosis of shapes, fabrics and wares, and for statistical analysis. The other sherd material from the contexts not recorded for diagnostic purposes was assessed in relation to fabric. While the registered vessels provided the basis for a typological corpus, the sherd collections were used to complement the quantitative data. For a more detailed presentation of the methods of recording pottery, see M. BIETAK, *Tell el-Dab'a V*, UZK 8, Vienna 1991, 317–333.

<sup>57</sup> DO. ARNOLD, *Ägyptische Mergeltonne ("Wüstentone") und die Herkunft einer Mergeltonware des Mittleren Reiches aus der Gegend von Memphis*, 167–192, in: DO. ARNOLD (ed.), *Studien zur altägyptischen Keramik*, SDAIK 9, Mainz 1981; B. BADER, *Tell el-Dab'a XIII*, UZK 19, Vienna 2001.

hold ware (143 vessels, 90%) includes bowls with flat bases, with complex rims, carinated bowls, footed bowls, drop jars, bag-shaped jars, jars with direct rims, with exterior lips, with interior and exterior lips, imitations of “zirs”, and potstands (Charts 4 and 9).

The two **cups** reconstructed from sherds (**Type Ab**, 12.5%) are made of uncoated Nile B<sub>2</sub> fabric. No. 1 (Fig. 9a) has a slightly incurved direct rim that is 9 cm in diameter. No. 2 (Fig. 9b) has a 3.5 cm diameter flat base cut off the wheel with a string and then smoothed.

The **deep bowl** (**Type B**, 6.25%) and the **small bowl** (**Type Cb**, 6.25%) in Nile B<sub>2</sub> are also reconstructed from sherds. The deep bowl (No. 3, Fig. 9c) has an incurved rim 18 cm in diameter with a dark red-slipped band on the exterior and interior over an uncoated surface. The small bowl (No. 4, Fig. 9d) is straight-sided with a 12 cm diameter rim. No bases are preserved of these two types of bowl.

The **wheel-made ring based bowls** (**Type D**, 9 vessels, 56.25%) are made of Nile B<sub>2</sub>. The rim diameter ranges from 14 to 18 cm, the base from 4 to 6 cm, the height from 5.7 to 7.3 cm and the aperture index lies between 215 and 265 (average 243). Four of them (Nos. 6 to 9, Fig. 9f–i) have the base raised in the middle (R<sub>2</sub>; **Type Da**) and two (Nos. 10 and 11, Fig. 9j–k) have the base lowered in the middle (R<sub>3</sub>; **Type Db**). The rim is usually decorated with a red-slipped band on the exterior and the interior, applied either on an uncoated surface, on an uncoated exterior and a red-slipped interior, or on red-slipped ware.

Two are **small carinated bowls** (**Type OO**, 12.50%) reconstructed from rim sherds. They are 16 cm in diameter, in Nile B<sub>2</sub>, uncoated (No. 14, Fig. 9n) or red-slipped ware (No. 15, Fig. 9o), with remains of a dark red-slipped rim band. A **large bowl with ring base** (**Type E**, 6.25%) in Nile B<sub>2</sub>, uncoated exterior and red-slipped interior, and a red-slipped rim band was also found in this locus (No. 16, Fig. 9p and Plate IIIb). It is 17 cm in rim diameter, 4.5 cm in base diameter, 5.5 cm high, with an aperture index of 309.

Among the 143 vessels from the **general household ware**, 131 are made of Nile silt clay (91.60%) and twelve of Egyptian marls (8.39%).

Fourteen vessels are **bowls with flat base** and direct rim (**Type Fa**, 10.68%) in the Nile B<sub>2</sub> fabric. The regular rilling lines covering the exterior as well as the interior of these bowls attest that the base was finished on the wheel. The shape shows straight (**Type Fa<sub>2</sub>**, Nos. 18 to 21, Fig. 10b–e and Plates IIIi and IVd) or flaring walls (**Type Fa<sub>3</sub>**, Nos. 22 to 30, Fig. 10f–n and Plates IIIh and IVa–c). The surface is uncoated, uncoated on the exterior and red-slipped

on the interior, or red-slipped on both surfaces. The rim diameter of these bowls is between 17.5 and 21 cm, the base 4.5 to 7 cm, the height 4.4 to 6.1 cm, and the aperture index between 324 and 400 (average 369). One of the bowls reconstructed from sherds was used as a lid, since all the rim was smoked (No. 29, Fig. 10m); another (No. 30, Fig. 10n) has the rim trimmed. Not a single bowl with exterior lip (**Type Fb**) was found in L1016.

A **vertically sided carinated bowl** (**Type PPb**, 0.76%) is reconstructed from a body sherd. It is made of Nile B<sub>2</sub>, uncoated ware, with an incised wavy line framed below by two horizontal lines (No. 31, Fig. 11a). See the complete shape in Fig. 32, No.5, but here in Nile C.

The **bowls with complex rims** (8 vessels, 6.10%) include carinated bowls and bowls with exterior lip. The **carinated bowls** (**Type Ga**) are reconstructed from sherds (Nos. 33 to 35, Fig. 11c–e), in Nile B<sub>2</sub>, uncoated ware, or with uncoated exterior and red-slipped interior. The rim diameter is between 26 and 33 cm. The **bowls with lip** (**Type Gb**) are also reconstructed from sherds, in Nile B<sub>2</sub> and uncoated ware (Nos. 36 and 37, Fig. 11f, g), and Nile B<sub>2</sub>/C<sub>1</sub> in uncoated ware (No. 38, Fig. 12a), or uncoated exterior and red-slipped interior (Nos. 39 and 40, Fig. 12b, c). The rim diameter is between 24 and 38 cm. No. 36 has a pinched rim. The bodies of most of these bowls show marks deriving from the strings used while drying, and only one base is preserved. This base belongs to a **large bowl** (**Type G**, No. 32, Fig. 11b and Plate IVe) made of Nile C<sub>1</sub>, a base diameter of 10.5 cm and a height of 8 cm.

A **footed bowl** (**Type H**, 0.76%) is reconstructed from a rim sherd, in Nile B<sub>2</sub>/C<sub>1</sub> (No. 41, Fig. 12d) and uncoated ware, with a “triangular”-shaped trimmed rim 48 cm in diameter.

The **jars** (**Type I**) are the most numerous of all the shapes (100 vessels, 76.33%), mostly in Nile B<sub>2</sub> and of different types: drop jars, bag-shaped, with direct rim, exterior lip or exterior and interior lip, and imitations of “zirs”, with complex rim. This total includes rounded bases and body fragments of thirteen jars with no rim preserved.

Most of the jars are **drop jars** (**Type Ia**; 31 vessels, 31%), vertically-sided with direct rim, and all of them in Nile B<sub>2</sub>. Only five rims are preserved (Nos. 55 to 57, Fig. 15a–c, and Nos. 68 to 69, Fig. 16b, c). The base is round, cut off the wheel and scraped smooth (Nos. 58 to 66, Fig. 15d–l, Plates VIc, d and VIIb, c; Nos. 70 to 85, Figs. 16d–k and 17a–h, Plates VIId–f, VIIa, d and IXa, c–d, f, h–i). Twenty-one drop jars have an uncoated surface treatment (Nos. 55 to 67

and Nos. 76 to 83, 67.74%) and ten are red-slipped (Nos. 68 to 75 and Nos. 84 and 85, 32.25%). The rim diameter is between 8 and 12 cm (average 9.6 cm) and the maximum diameter is between 10.5 and 13 cm (average 11.96 cm). Not a single drop jar was completely preserved: two have a hole in the base (Nos. 66 and 75, Fig. 15l and 16i), and No. 57 possesses a pinched rim. Some of the drop jars (10 jars, 32.25%) were shaped on the slightly improved tall-stemmed wheel ( $W_2$ ).

The **bag-shaped jars** (**Type Ib**; 3 vessels, 3%) are incomplete and fragmentary (Nos. 86 and 87, Fig. 18a–b, Plates Va and VIIIb), in Nile  $B_2$  and uncoated ware. One is reconstructed from a base and body fragment (No. 88, Fig. 18c). The base of No. 87 was moulded, with fingerprints preserved inside.

The **jars with everted direct rim** (**Type Ic**) are also reconstructed from sherds (12 vessels, 12%), with the rim between 7 cm and 14 cm in diameter (average 10.25 cm) and in Nile  $B_2$ . Six jars are uncoated (Nos. 89 to 94, Fig. 18d–i) and four red-slipped (Nos. 95 to 98, Figs. 18j–k and 19a–b). Because of the small portion that was preserved, it is impossible to tell when the exterior surface was completely slipped and when it was only a rim band. No. 99 (Fig. 19c) has a dark red-slipped rim band, while No. 100 (Fig. 19d) has the rim trimmed.

The **jars with exterior lip** (**Type Id**) are as abundant as the drop jars (31 vessels, 31%). The rims have some variations in the shape. Twenty-two jars (Nos. 101 to 122, Figs. 19e–p, 20a–j; Plate VIIIe) have the **rim folded** (**Type Id<sub>1</sub>**) and nine jars (Nos. 123 to 131, Figs. 20k–p, and 21a–c) **rolled** (**Type Id<sub>2</sub>**). All of them are made of Nile  $B_2$ , except No. 112 which is of Nile  $C_1$ . Some of them have the surface uncoated (Nos. 101 to 106, 112 to 121, 123 to 128; 22 vessels, 70.96%), while others (Nos. 107 to 111, 122, 129 to 131; 9 vessels, 29.03%) were red-slipped. Some have a dark red-slipped rim band. The rim diameter ranges between 10 and 20.5 cm (average 13.5 cm).

Two **jars with exterior and interior lip** (**Type Ie**; 2%) were found. Both are reconstructed from sherds, in Nile  $B_2$ , and uncoated ware (Nos. 132 and 133, Fig. 21d–e), with the rim between 12 and 14 cm in diameter (average 13 cm). Two rim sherds belong to the **imitated “zir” type** (**Type If**; 2%), in Nile  $B_2$ . No. 134 (Fig. 21f) is uncoated with a red-slipped rim band, and No. 135 (Fig. 21g) is red-slipped. The rim diameter is between 18 and 20 cm (average 19 cm).

Some sherds of jars belong to the **complex rim type** (**Type Ig**; 6 vessels, 6%): Nos. 136 to 141, Fig. 21h–m. They are made of Nile  $B_2$ , uncoated, and have a rim diameter between 6 and 20 cm (average

15.66 cm).

The six **pot stands** are of the **low type** (**Type Ja**; 4.58%), in Nile  $B_2$  and uncoated. Nos. 142 and 143 (Fig. 22a–b) have no rim preserved; No. 144 (Fig. 22c and Plate Vg) has a **direct rim** (**Type Ja<sub>1</sub>**) and Nos. 145 to 147 (Fig. 22d–f and Plate Vf, i) a **lip** (**Type Ja<sub>2</sub>**). The base is scraped smooth. The rim diameter is between 9 and 12 cm (average 10.5 cm), the base ranges from 7 to 13 cm (average 8.87 cm), the height from 3.5 to 6.2 cm (average 5.03 cm), and the aperture index between 185 and 271 (average 222) (Chart 9).

Only twelve pots reconstructed from sherds classified as **domestic pottery** are made of **Egyptian marl clays** (7%) (Chart 5). Three are body fragments of **bowls with complex rim** (**Type K**, Nos. 150, 151, Fig. 22i, and No. 152). Nos. 153 and 154 are **jars with lip** (**Type La<sub>1</sub>**, Fig. 22j). No. 155 (Fig. 22k), with a rim diameter of 21 cm, and No. 156 (Fig. 22l and Plate XIa) have a **globular shape** (**Type La<sub>2</sub>**). All of them are made of Marl F. A rim sherd belonging to a “**zir**” (**Type Lb**) with a rim diameter of 22 cm. (No. 158, Fig. 22m) and body sherds of another (No. 159) are made of Marl  $C_2$ . Most of these vessels were shaped on the  $W_2$  wheel.

The **votive pottery** (2%) comprises only **model bowls** (**Type O**). Two are reconstructed from sherds and have an incurved rim. No. 160 (Fig. 23a) is straight-sided, while No. 161 (Fig. 23b) has flaring walls. The other two of these model bowls were used as oil lamps. One has a **wobble base** (**Type Ob**; No. 162, Fig. 23c and Plate Vc) and the other a **flat base** (**Type Oc**; No. 163, Fig. 23d and Plate Vd). Both have the same rim and base diameter and an aperture index between 260 and 294 (average 277).

### Corpus B

The ceramic material belonging to the Middle Bronze Age II B–C tradition (**Corpus B**, 48 vessels, 23%) includes local (27 vessels, 56%) and imported pottery (21 vessels, 44%) (Charts 2 and 15).

All the locally-made Corpus B shapes were domestic pottery (Chart 14). The sole preserved shape of the domestic fine ware was the **dipper juglet** (**Type Uc**). Eight dipper juglets (8 vessels, 30%) were found with the surface red-slipped burnished (Nos. 164 to 171, Fig. 23d–l, Plate Ve). They were shaped out of Nile  $B_2$  fabric on the slightly improved tall-stemmed wheel ( $W_2$ ). All the handles were oval in section.

The other nineteen locally-made vessels are **general household ware** in Nile silt clay (70%). The vessels include eight cooking pots (42%), eight storage jars (42%) and three Egyptian amphorae (16%). The



**cooking pots (Type Y)** belong to the “holemouth” type. One had a direct rim (No. 172, Fig. 24a) and the other seven folded rims (Nos. 173 to 179, Fig. 24b–h). They are usually made of Nile E<sub>2</sub>, as Nos. 176 to 179, but some were manufactured from Nile B<sub>2</sub> (Nos. 173 to 175). All had an uncoated surface treatment. No cooking pot bases were found in this locus (Chart 18).

The **storage jars (Type AA)** are of medium and large size. The **medium size storage jars (Type AA<sub>1</sub>)**, Nos. 180 to 184, Fig. 25a–e) with a 10 cm rim diameter are made of Nile B<sub>2</sub> – except No. 183 made of Nile E<sub>1</sub> – with an uncoated surface treatment. Nos. 180, 181 and 183 have a dark red-slipped band on the rim and neck. Three have the ring bases preserved. The **large size storage jars (Type AA<sub>2</sub>)** are also made of Nile B<sub>2</sub> (Nos. 185 and 187, Fig. 25f and h). Only one was made of Nile C<sub>1</sub> (No. 186, Fig. 25g) with an uncoated surface and rolled rim with exterior lip. The rim diameter is between 30 and 38 cm (average 33.66 cm).

Among the local **amphorae (Type CC)**, only the bases were found. The base is always moulded for this type of large vessel, with smoothing marks inside, and a wall thickness between 1.2 and 1.5 cm. The fabric is Nile B<sub>2</sub> (Nos. 188 and 189, Fig. 25i–j), except for one made of Nile B<sub>2</sub>/C<sub>1</sub> (No. 190, Fig. 25k).

**Imported pottery** from the Levant found in L1016 consisted only of **general household ware**. These were mostly **amphorae (Type NN)**; 20 vessels, 95% that were used as containers for commodities. The amphora fabric is mostly IV.02, but some are IV.01, IV.04, IV.08, IV.09, IV.10, IV.17 and IV.21 (No. 211)<sup>58</sup> (Chart 17). The other imported shape is a **hand-made cooking pot (Type RRA)**; No. 191, Fig. 26a, Plate VIIIb) in the Levantine IV.50 fabric, containing abundant soapstone and quartz inclusions (Chart 19).

### 3. THE EARLY 18<sup>th</sup> DYNASTY POTTERY

The ceramic material from the early 18<sup>th</sup> Dynasty (18 vessels, 8%) is mostly **domestic pottery** (17 vessels, 94%). Apart from this, there was only one **votive vessel**, a model bowl (1 vessel, 6%. Chart 23). The fabric is mostly Nile silt clay (15 vessels, 83%; Chart 24), especially Nile B<sub>2</sub> (9 vessels, 60%), some in a sandy fabric, Nile B<sub>2</sub>/E<sub>1</sub> (2 vessels, 13.33%) and Nile E<sub>1</sub> (3 vessels, 20%), and only one in Nile C<sub>1</sub> (6.66%) (Chart 25). Three vessels are made of Egyptian marls, Marl A<sub>2</sub> and Marl F (17%; Chart 26).

The Nile clay pottery is made on the slightly improved tall-stemmed wheel (W<sub>2</sub>; 5 vessels, 45.45%) or on the low simple wheel (W<sub>1</sub>; 6 vessels, 54.54%). Five sherds do not preserve the lines of the shaping technique, so they were excluded from this statistic. The Egyptian marls are shaped in the W<sub>2</sub> technique (Chart 30).

The **domestic pottery in Nile silt clays** (14 vessels) includes fine ware and general household ware (Chart 27). Three cups and a red-slipped polished bowl are classified as **fine ware** (4 vessels, 29%. Chart 28). The **general household ware** (10 vessels, 71%) includes a bowl with flat base finished on the wheel (10%), eight jars (80%) and a storage jar (10 %, Chart 28).

The **cups (Type A)** are mostly made of Nile B<sub>2</sub> with a red slip. One was shaped in the W<sub>2</sub> technique (No. 212, Fig. 27 a, Plate IIIe), and the other in the W<sub>1</sub> (No. 213, Fig. 27b, reconstructed from a base fragment) with a thick red slip (10R 5/6) characteristic of the New Kingdom. The third cup (No. 214, Fig. 27c, Plate IXb) is made of Nile E<sub>1</sub>, W<sub>1</sub> technique and uncoated ware. The rim diameter of the cups is between 7 and 8 cm, the height between 8.8 and 9 cm, and the aperture index between 94 and 101 (average 98). The **bowl (Type B)** is reconstructed from a body sherd (No. 215, Fig. 27d) made of Nile B<sub>2</sub>, with a thin wall (0.4 cm thick), red-slipped (10R 6/6 light red), and very well polished on the wheel.

In the **general household ware** group there is only one **bowl with flat base (Type C)** (No. 216, Fig. 27e) in Nile B<sub>2</sub>, with a smoothed uncoated exterior and red-slipped polished interior, with ridges inside and outside. The flat base, 5.5 cm in diameter, is slightly raised in the middle; no rim was preserved.

The jars are mostly **drop jars (Type Da)** with a round or flat base (5 vessels, 50%). The **round-bottomed drop jars (Type Da<sub>1</sub>)** are made of Nile E<sub>1</sub> in the W<sub>1</sub> shaping technique (2 vessels, 40%). One is uncoated (No. 217, Fig. 27f, Plate IXg) and another red-slipped (No. 218, Fig. 27g). No rims were preserved. The maximum diameter of these jars is between 10.5 cm and 11.5 cm (average 11 cm). The minimum preserved height is 12 cm and the maximum height 17 cm.

The other **drop jars** have a **flat or flattened base (Type Da<sub>2</sub>)**. Two are made of Nile B<sub>2</sub>/E<sub>1</sub> (Nos. 220 and 221, Fig. 27i–j, Plates VIIa, and Xa) and the other

<sup>58</sup> The classification of amphorae from Tell el-Dab<sup>a</sup> was made in accordance with the typology of Levantine fabrics as prepared by Irmgard Hein.

of Nile B<sub>2</sub> (No. 219, Fig. 27h and Plate Xc). Drop jar No. 219 has a round base, was cut off the wheel, and then smoothed and finely flattened with the finger. The others, Nos. 220 and 221, have flat bases with the marks of string-cutting preserved.

Three **jars with exterior lip, rolled, and long neck (Type Db<sub>1</sub>)** are reconstructed from rim sherds. They were made from Nile B<sub>2</sub> (Nos. 222 to 224, Fig. 28a–c). No. 224 has the lip trimmed with a horizontal extension. The rim diameter is between 10 and 16 cm (average 13.7 cm).

A straight-sided **storage jar** (No. 225, Fig. 28d) with rounded rim (**Type Ea**) and made from Nile C<sub>1</sub> is reconstructed from sherds; it has a rim diameter of 22 cm.

A few vessels classified as **domestic pottery** are made of **marl clays** (17%; Charts 24 and 26). This includes a sherd of a closed-shape vessel of Marl A<sub>2</sub> (No. 228, Fig. 28g) and two **jars (Type Fa)** of Marl F. One of the jars, No. 226 (Fig. 28e and Plate XIb), has a direct rim and a carination in the lower part of the body. The other, No. 227 (Fig. 28f and Plate XIId), has a rolled rim which forms an exterior lip.

The **votive pottery** is represented by only one pot, a **model bowl (Type G)**, reconstructed from a rim sherd. The bowl is made of Nile B<sub>2</sub> and has an uncoated exterior and red-slipped polished interior surface. The partially eroded rim has a diameter of 11.5 cm (No. 229, Fig. 28h).

#### 4. CONCLUSIONS

The pottery assemblage from L1016 mainly includes shapes characteristic of the late Hyksos period and some from the early 18<sup>th</sup> Dynasty. The local ceramic fabrics were primarily made of Nile silt clay, with very few examples of Marl F. Decorated wares are unknown.<sup>59</sup> Handles only occur on dipper juglets belonging to the Middle Bronze Age II B–C tradition. Non-local fabrics are from the Memphite-Faiyum region (very few sherds in Marl C) and from Upper Egypt. All the imported pottery is from the Levant.

Among the early 18<sup>th</sup> Dynasty material appear some shapes known already in the late Hyksos period at Avaris, such as the flat-bottomed cups and the round-based drop jars. But unlike during the Hyksos period, these shapes are now made of Nile E<sub>1</sub>, a very

sandy fabric, or with a thick and slightly darker red slip. The cups are also formed on the tall-stemmed wheel (W<sub>2</sub>). Flat or flattened bases for the drop jars do not appear during the late Hyksos period, nor do the jars with exterior lip and long neck, and short-necked jars with carination. The use of a red-slipped polished surface for bowls and model bowls also points to the early 18<sup>th</sup> Dynasty.

The pottery assemblage from L1016 is later in date than that from street L66.<sup>60</sup> L66 is a narrow sandy street located in the eastern part of the Hyksos citadel. The ceramic material from here belongs mainly to the late Hyksos period (str. D/2); namely, the end of the 15<sup>th</sup> Dynasty. However, some pottery comes from the early 18<sup>th</sup> Dynasty when the street was in use, before the destruction of the Hyksos building and the construction of the new 18<sup>th</sup> Dynasty structure. The good preservation of the ceramic material and the kind of pots found in L66 – mainly cups, bowls and jars, and some amphorae and dipper juglets – show that this pottery could have been used for a celebration, and then tossed onto the street after the conquest of Avaris by Ahmose. Alternatively, the street could have served as a dumping ground at the beginning of the 18<sup>th</sup> Dynasty, prior to the destruction of the Hyksos complex to prepare for the construction of the new one.<sup>61</sup>

Out of the 254 vessels from L66, 96% or 244 vessels belong to late Hyksos period shapes (str. D/2) and 4% (ten vessels) to the early 18<sup>th</sup> Dynasty. By contrast, in L1016, the ratios are 92% and 8% respectively. The new shapes of Corpus A from L1016 were all locally-made, as were the Marl F jars.

The pottery assemblage from L1016 points to a local ceramic production – mostly vessels from the Egyptian tradition and some of Middle Bronze Age IIB–C origin made by Egyptianized Canaanites during the final years of Hyksos rule in Avaris. On the other hand, the appearance of new shapes and fabrics, and the more frequent use of the slightly improved tall-stemmed wheel for the local ceramic material demonstrate the ceramic changes which took place in Egypt during the transitional period at the end of the 15<sup>th</sup> Dynasty and the beginning of the 18<sup>th</sup> Dynasty.

<sup>59</sup> With the exception of No. 31.

<sup>60</sup> See P. FUSCALDO, *Tell el-Dab'a X, Part I: Locus 66*, Vienna 2000.

<sup>61</sup> *Ibidem*, 7–8, 15–25.



## **5. THE CATALOGUE**

### **5.1. First Part: The ceramic corpus of the late Hyksos period from Locus 1016**

#### **5.1.1. The late Hyksos period pottery from Locus 1016 in tabular form (Tables 1 and 2)**

Table 1 The late Hyksos period pottery from locus 1016. Corpus A (Egyptian shapes)

Order No.	Inv. No.	Fig.	Plate	Shape	FabrIc	Ware	Condition	VI	Qual.	Shaping techn.	Base techn.	Firing index	Hard.	Surface colour	Slip
1	K-6515 [1]	9a	-	Cup (Type Ab)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
2	[2]	9b	-	Cup (Type Ab)	Nile B2	uncoated	base fragment	-	-	W1	W	-	-	-	-
3	[4]	9c	-	Deep bowl (Type B)	Nile B2	uncoated, red-slipped rim band	rim sherd	-	-	W1	-	-	-	-	-
4	[3]	9d	-	Small bowl (Type Cb)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
5	8731U	9e	III f	Bowl, ring base (Type D)	Nile B2	uncoated, red-slipped rim band	complete, fragmentary	215	mi	W1	W-made	ox.	2	-	2.5YR 6/6; rim band 10R 4/6
6	[117]	9f	-	Bowl, ring base (Type Da)	Nile B2	uncoated	base sherd	-	-	W1	W-made	-	-	-	-
7	[134]	9g	-	Bowl, ring base (Type Da)	Nile B2	uncoated	base sherd	-	-	W1	W-made	-	-	-	-
8	8840B	9h	III a	Bowl, ring base (Type Da)	Nile B2	uncoated exterior, red-slipped	complete, fragmentary	265	mi	W1	W-made	ox.	2	10R 6/6	10R 5/8
9	[116]	9i	-	Bowl, ring base (Type Da)	Nile B2	red-slipped	base sherd	-	-	W1	W-made	-	-	-	-
10	8732Q	9j	III c	Bowl, ring base (Type Db)	Nile B2	uncoated	complete, fragmentary	243	mi	W1	W-made	ox.	-	5YR 7/8	-
11	8732R	9k	III d	Bowl, ring base (Type Db)	Nile B2	uncoated	incomplete, fragmentary	-	mi-r	W1	W-made	ox.	-	5YR 6/4	-
12	[127]	9l	-	Bowl, [ring] base (Type D)	Nile B2	uncoated, red-slipped rim band	rim sherd	-	-	W1	-	-	-	-	-
13	[133]	9m	-	Bowl, ring base (Type Db)	Nile B2	red-slipped, red-slipped rim band	rim sherd	-	-	W1	-	-	-	-	-
14	[78]	9n	-	Small carinated bowl (Type Oc)	Nile B2	uncoated, rim band?	rim sherd	-	-	W1	-	-	-	-	-
15	[148]	9o	-	Small carinated bowl (Type Oc)	Nile B2	red-slipped, red-slipped rim band	rim sherd	-	-	W1	-	-	-	-	-
16	8732B	9p	III b	Large bowl, ring base (Type Ea)	Nile B2	uncoated exterior, red-slipped int	complete, fragmentary	309	mi	W1	W-made	ox.	2	2.5YR 4/2	2.5YR 5/6
17	8732K	10a	III g	Bowl, flat base (Type Fa)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	W	ox.	2	10R 5/6	-
18	8732E	10b	III i	Bowl, flat base (Type Fa2)	Nile B2	uncoated	complete, fragmentary	360	mi	W1	W	ox.	2	2.5YR 6/8	-
19	[129]	10c	-	Bowl, flat base (Type Fa2)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
20	8732J	10d	IV d	Bowl, flat base (Type Fa2)	Nile B2	uncoated exterior, red-slipped int.	complete, fragmentary	347	-	W1	W	ox.	2	5YR 7/6	2.5YR 6/6
21	8735	10e	-	Bowl, flat base (Type Fa2)	Nile B2	red-slipped	complete	380	mi	W1	W	ox.	2	5YR 7/6	10R 4/8
22	8751	10f	IV h	Bowl, flat base (Type Fa3)	Nile B2	uncoated	complete	372	mi	W1	W	ox.	2	2.5YR 6/6 int. 10R 4/8 ext.	-
23	8732G	10g	-	Bowl, flat base (Type Fa3)	Nile B2	uncoated	complete, fragmentary	392	mi	W1	W	ox.	2	2.5YR 6/6	-



Table 1 The late Hyksos period pottery from locus 1016. Corpus A (Egyptian shapes)

Order No.	Inv. No.	Fig.	Plate	Shape	Fabr/IC	Ware	Condition	VI	Qual.	Shaping techn.	Base techn.	Firing index	Hard.	Surface colour	Slip
24	8732 M	10h	-	Bowl, flat base (Type Fa3)	Nile B2	uncoated exterior, red-slipped int.	complete, fragmentary	364	mi	W1	W	ox.	2	5YR 7/4	10R 5/8
25	8732A	10i	IVb	Bowl, flat base (Type Fa3)	Nile B2	uncoated exterior, red-slipped int.	complete, fragmentary	380	mi	W1	W	ox.	2	5YR 7/6	10R 5/8
26	8732D	10j	IVa	Bowl, flat base (Type Fa3)	Nile B2	uncoated exterior, red-slipped int.	complete, fragmentary	380	mi	W1	W	ox.	2	5YR 7/4	10R 5/6
27	8732F	10k	-	Bowl, flat base (Type Fa3)	Nile B2	uncoated exterior, red-slipped int.	complete, fragmentary	324	mi	W1	W	ox.	2	5YR 7/8	10R 5/8
28	8732L	10l	IVc	Bowl, flat base (Type Fa3)	Nile B2	uncoated exterior, red-slipped int.	incomplete, fragmentary	400	mi	W1	W	ox.	2	5YR 7/4	10R 5/6
29	[5]	10m	-	Bowl, flat base (Type Fa3)	Nile B2	uncoated exterior, red-slipped int.	rim sherd	-	-	W1	-	-	-	-	-
30	[6]	10n	-	Bowl, flat base (Type Fa3)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
31	[125]	11a	-	Carinated bowl vertically sided (Type PPb)	Nile B2	uncoated	body fragment	-	-	W1	-	-	-	-	-
32	8732N	11b	IVe	Large bowl (Type G)	Nile C1	uncoated	incomplete, fragmentary	-	mi	W1	W	ox.	2	7.5YR 7/4	-
33	[7]	11c	-	Carinated bowl (Type Ga)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
34	[8]	11d	-	Carinated bowl (Type Ga)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
35	[123]	11e	-	Carinated bowl (Type Ga)	Nile B2	uncoated exterior, red-slipped int.	rim sherd	-	-	W1	-	-	-	-	-
36	[93]	11f	-	Bowl with lip (Type Gb)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
37	[14]	11g	-	Bowl with lip (Type Gb)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
38	[11]	12a	-	Bowl with lip (Type Gb)	Nile B2/C1	uncoated	rim sherd	-	-	W1	-	-	-	-	-
39	[9]	12b	-	Bowl with lip (Type Gb)	Nile	uncoated exterior, red-slipped int.	rim sherd	-	-	W1	-	-	-	-	-
40	[10]	12c	-	Bowl with lip (Type Gb)	Nile B2/C1	uncoated exterior, red-slipped int.	rim sherd	-	-	W1	-	-	-	-	-
41	[12]	12d	-	Footed bowl (Type H)	Nile B2/C1	uncoated	rim sherd	-	-	W1	-	-	-	-	-
42	8856B	13a	IVf	Jar (Type I)	Nile B2	uncoated	incom., fragm.	-	mi	W1	-	ox.	2	10R 6/8-5/8	-
43	[82]	13b	-	Jar (Type I)	Nile B2	uncoated	shoulder fragm.	-	-	W1	-	-	-	-	-
44	[86]	13c	-	Jar (Type I)	Nile B2	uncoated	shoulder fragm.	-	-	W1	-	-	-	-	-
45	[118]	13d	-	Jar (Type I)	Nile B2	uncoated	shoulder fragm.	-	-	W1	-	-	-	-	-
46	[81]	13e	-	Jar (Type I)	Nile B2	uncoated; dark red slipped band on the rim and neck	shoulder fragm.	-	-	W1	-	-	-	-	-

Table 1 The late Hyksos period pottery from locus 1016. Corpus A (Egyptian shapes)

Order No.	Inv. No.	Fig.	Plate	Shape	FabrIc	Ware	Condition	VI	Qual.	Shaping techn.	Base techn.	Firing index	Hard.	Surface colour	Slip
47	[84]	13f	-	Jar (Type I)	Nile B2	uncoated	shoulder fragm.	-	-	W1	-	-	-	-	-
48	[119]	13g	-	Jar (Type I)	Nile B2	uncoated	shoulder fragm.	-	-	W1	-	-	-	-	-
49	8894V	13h	VIa	Jar (Type I)	Nile B2	uncoated	incom.fragm.	-	mi	W1	gosp.	ox.	2	2.5YR 6/4-6/6	-
50	[85]	13i	-	Jar (Type I)	Nile B2	red-slipped	shoulder fragm.	-	-	W1	-	-	-	-	-
51	8895E	14a	VIIb	Jar (Type I)	Nile B2	red-slipped	incom., fragm.	-	mi	M	gosp.	ox.	2	-	10R 6/8
52	[80]	14b	-	Jar (Type I)	Nile B2	red-slipped	body fragment	-	-	W1	-	-	-	-	-
53	[102]	14c	-	Jar (Type I)	Nile B2	red-slipped	body fragment	-	-	W1	-	-	-	-	-
54	[121]	14d	-	Jar (Type I)	Nile B2	red-slipped	base fragment	-	-	W1	gosp.	-	-	-	-
55	[16]	15a	-	Drop jar (Type Ia)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
56	[17]	15b	-	Drop jar (Type Ia)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
57	[76]	15c	-	Drop jar (Type Ia)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
58	8894S	15d	VIe	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	2.5YR 5/6	-
59	8894T	15e	VIIc	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	5YR 6/6	-
60	8894W	15f	VIc	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	2.5YR 6/6	-
61	8895H	15g	VIId	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	5YR 7/4	-
62	8895R	15h	-	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	5YR 7/4	-
63	8895B	15i	VIIIb	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	2.5YR 6/8-5/8	-
64	8895O	15j	-	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	5YR 6/6	-
65	[18]	15k	-	Drop jar (Type Ia)	Nile B2	uncoated	base fragment	-	-	W1	gosp.	-	-	-	-
66	[19]	15l	-	Drop jar (Type Ia)	Nile B2	uncoated	base fragment	-	-	W1	gosp.	-	-	-	-
67	[79]	16a	-	Drop jar (Type Ia)	Nile B2	uncoated	body fragment	-	-	W1	-	-	-	-	-
68	[136]	16b	-	Drop jar (Type Ia)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
69	[135]	16c	-	Drop jar (Type Ia)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
70	8895T	16d	VIIIId	Drop jar (Type Ia)	Nile B2	red-slipped	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	-	10R 5/6
71	8894X	16e	VIIId	Drop jar (Type Ia)	Nile B2	red-slipped	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	-	2.5YR 6/6
72	8894Y	16f	VIIIe	Drop jar (Type Ia)	Nile B2	red-slipped	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	5YR 6/4	-
73	8895C	16g	VIIIId	Drop jar (Type Ia)	Nile B2	red-slipped	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	-	5YR 6/6
74	8895S	16h	VIIIa	Drop jar (Type Ia)	Nile B2	red-slipped	incomplete, fragmentary	-	mi	W1	gosp.	ox.	2	-	10R 5/6
75	[115]	16i	-	Drop jar (Type Ia)	Nile B2	red-slipped	base fragment	-	-	W1	gosp.	-	-	-	-
76	8894Q	16j	IXe	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W2	gosp.	ox.	2	10R 5/6	-

Table 1 The late Hyksos period pottery from locus 1016. Corpus A (Egyptian shapes)

Order No.	Inv. No.	Fig.	Plate	Shape	FabrIc	Ware	Condition	VI	Qual.	Shaping techn.	Base techn.	Firing index	Hard.	Surface colour	Slip
77	8894R	16k	IXa	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W2	gesp.	ox.	2	2.5YR 5/8	-
78	8894U	17a	-	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W2	gesp.	ox.	2	2.5YR 5/6	-
79	8894Z	17b	IXd	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W2	gesp.	ox.	2	2.5YR 6/6	-
80	8894O	17c	-	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W2	gesp.	ox.	2	10R 5/6	-
81	8895D	17d	IXi	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W2	gesp.	ox.	2	10YR 6/6	-
82	8895L	17e	-	Drop jar	Nile B2	uncoated	incomplete, fragmentary	-	mi	W2	gesp.	ox.	2	2.5YR 5/6	-
83	8894N	17f	IXc	Drop jar (Type Ia)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W2	gesp.	ox.	2	-	10R 5/6
84	8895Q	17g	IXh	Drop jar (Type Ia)	Nile B2	red-slipped	incomplete, fragmentary	-	mi	W2	gesp.	ox.	2	-	10R 6/6
85	8895j	17h	IXf	Drop jar (Type Ia)	Nile B2	red-slipped	incomplete, fragmentary	-	mi	W2	gesp.	ox.	2	-	10R 5/6
86	8731T	18a	Va	Bag-shaped jar (Type Ib)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	gesp.	ox.	2	-	5YR 6/6
87	8895G	18b	VIIIb	Bag-shaped jar (Type Ib)	Nile B2	uncoated	incomplete, fragmentary	-	mi	M	gesp.	ox.	2	2.5YR 6-5/6	-
88	[87]	18c	-	Bag-shaped jar (Type Ib)	Nile B2	uncoated	base and body fragment	-	-	W1	gesp.	-	-	-	-
89	[34]	18d	-	Jar, direct rim (Type Ic)	Nile B2	uncoated	rim sherds	-	-	W1	-	-	-	-	-
90	[62]	18e	-	Jar, direct rim (Type Ic)	Nile B2	uncoated	rim sherds	-	-	W1	-	-	-	-	-
91	[64]	18f	-	Jar, direct rim (Type Ic)	Nile B2	uncoated	rim sherds	-	-	W1	-	-	-	-	-
92	[32]	18g	-	Jar, direct rim (Type Ic)	Nile B2	uncoated	rim sherds	-	-	W1	-	-	-	-	-
93	[57]	18h	-	Jar, direct rim (Type Ic)	Nile B2	uncoated	rim sherds	-	-	W1	-	-	-	-	-
94	[137]	18i	-	Jar, direct rim (Type Ic)	Nile B2	uncoated	rim sherds	-	-	W1	-	-	-	-	-
95	[132]	18j	-	Jar, direct rim (Type Ic)	Nile B2	red-slipped	rim sherds	-	-	W1	-	-	-	-	-
96	[65]	18k	-	Jar, direct rim (Type Ic)	Nile B2	red-slipped	rim sherds	-	-	W1	-	-	-	-	-
97	[55]	19a	-	Jar, direct rim (Type Ic)	Nile B2	red-slipped	rim sherds	-	-	W1	-	-	-	-	-
98	[48]	19b	-	Jar, direct rim (Type Ic)	Nile B2	red-slipped	rim sherds	-	-	W1	-	-	-	-	-
99	[89]	19c	-	Jar, direct rim (Type Ic)	Nile B2	uncoated or red-slipped	rim sherds	-	-	W1	-	-	-	-	-
100	[83]	19d	-	Jar, direct rim	Nile B2	red-slipped	rim sherds	-	-	W1	-	-	-	-	-

Table 1 The late Hyksos period pottery from locus 1016. Corpus A (Egyptian shapes)

Order No.	Inv. No.	Fig.	Plate	Shape	FabrIc	Ware	Condition	VI	Qual.	Shaping techn.	Base techn.	Firing index	Hard.	Surface colour	Slip
				(Type Ic)											
101	[138]	19e	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
102	[139]	19f	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated or red-slipped?	rim sherd	-	-	W1	-	-	-	-	-
103	[23]	19g	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
104	[44]	19h	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
105	[59]	19i	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
106	[56]	19j	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
107	[22]	19k	-	Jar, exterior lip, folded (Type Id1)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
108	[21]	19l	-	Jar, exterior lip, folded (Type Id1)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
109	[43]	19m	-	Jar, exterior lip, folded (Type Id1)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
110	[50]	19n	-	Jar, exterior lip, folded (Type Id1)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
111	[49]	19o	-	Jar, exterior lip, folded (Type Id1)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
112	[88]	19p	-	Jar, exterior lip, folded (Type Id1)	Nile C1	uncoated	rim sherd	-	-	W1	-	-	-	-	-
113	[27]	20a	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
114	[61]	20b	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
115	[26]	20c	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
116	[53]	20d	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
117	[42]	20e	-	Jar, ext. lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
118	[24]	20f	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
119	[58]	20g	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
120	[51]	20h	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
121	[28]	20i	-	Jar, exterior lip, folded (Type Id1)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
122	8894K	20j	VIIIe	Jar, exterior lip, folded (Type Id1)	Nile B2	red-slipped	incomplete,	-	mi	W1	-	ox.	2	-	10R 5/4
123	[36]	20k	-	Jar, exterior lip, rolled (Type Id2)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-

Table 1 The late Hyksos period pottery from locus 1016. Corpus A (Egyptian shapes)

Order No.	Inv. No.	Fig.	Plate	Shape	FabrIc	Ware	Condition	VI	Qual.	Shaping techn.	Base techn.	Firing index	Hard.	Surface colour	Slip
124	[33]	20l	-	Jar, exterior lip, rolled (Type Id2)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
125	[39]	20m	-	Jar, exterior lip, rolled (Type Id2)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
126	[47]	20n	-	Jar, exterior lip, rolled (Type Id2)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
127	[54]	20o	-	Jar, exterior lip, rolled (Type Id2)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
128	[120]	20p	-	Jar, exterior lip, rolled (Type Id2)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
129	[35]	21a	-	Jar, exterior lip, rolled (Type Id2)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
130	[46]	21b	-	Jar, exterior lip, rolled (Type Id2)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
131	[52]	21c	-	Jar, exterior lip, rolled (Type Id2)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
132	[30]	21d	-	Jar, ext. and int. lip (Type Ie)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
133	[45]	21e	-	Jar, ext. and int. lip (Type Ie)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
134	[25]	21f	-	Jar, imitation zir (Type If)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
135	[60]	21g	-	Jar, imitation zir (Type If)	Nile B2	red-slipped	rim sherd	-	-	W1	-	-	-	-	-
136	[37]	21h	-	Jar, complex rim (Type Ig)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
137	[29]	21i	-	Jar, complex rim (Type Ig)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
138	[31]	21j	-	Jar, complex rim (Type Ig)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
139	[38]	21k	-	Jar, complex rim (Type Ig)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
140	[63]	21l	-	Jar, complex rim (Type Ig)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
141	[67]	21m	-	Jar, complex rim (Type Ig)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
142	8840D	22a	Vh	Poistand, low Type (Type Ja)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	abg.	ox.	2	2.5YR 6/8	-
143	[140]	22b		Poistand, low Type (Type Ja)	Nile B2	uncoated	base sherd	-	-	W1	abg.	-	-	-	-
144	8732P	22c	Vg	Poistand, low type, direct rim (Type Ja1)	Nile B2	uncoated	complete, fragmentary	271	mi	W1	abg.	ox.	2	10R 5/6	-
145	8732O	22d	Vi	Poistand, low type, with lip (Type Ja2)	Nile B2	uncoated	complete, fragmentary	185	mi	W1	abg.	ox.	2	10R 5/6	-
146	8840C	22e	Vf	Poistand, low type, with lip (Type Ja2)	Nile B2	uncoated	complete, fragmentary	210	mi	W1	abg.	ox.	2	7.5YR 6/4	-



Table 1 The late Hyksos period pottery from locus 1016. Corpus A (Egyptian shapes)

Order No.	Inv. No.	Fig.	Plate	Shape	Fabric	Ware	Condition	VI	Qual.	Shaping techn.	Base techn.	Firing index	Hard.	Surface colour	Slip
147	[68]	22f	-	Poststand, low type, with lip (Type Ja2)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
148	8894f	22g	Xd	Carinated bowl, ring base (Type F)	Marl F	uncoated	complete, fragmentary	-	mi	W2	W-made	ox.	3	7.5YR 7/3	-
149	[156]	22h	-	Carinated bowl, ring base (Type F)	Marl F	uncoated	rim sherd	-	-	W2	-	-	-	-	-
150	[141]	-	-	Bowl, complex rim (Type K)	Marl F	uncoated	body sherd	-	-	W1	-	-	-	-	-
151	[103]	22i	-	Bowl, complex rim (Type K)	Marl F	uncoated	base fragment	-	-	W2	W	-	-	-	-
152	[152]	-	-	Bowl, complex rim (Type K)	Marl F	uncoated	body fragments	-	-	W2	-	-	-	-	-
153	[100]	22j	-	Jar with lip (Type La1)	Marl F	uncoated	rim sherd	-	-	W1	-	-	-	-	-
154	[142]	-	-	Jar with lip (Type La1)	Marl F	uncoated	body sherds	-	-	W1	-	-	-	-	-
155	8731S	22k	XIc	Jar, globular shape (Type La2)	Marl F	uncoated	incomplete, fragmentary	-	mi	W2	-	ox.	3	10YR 8/2	-
156	8731R	22l	XIa	Jar, globular shape (Type La2)	Marl F	uncoated	incomplete, fragmentary	-	mi	W2	gesp.g.	ox.	3	2.5YR 7/2	-
157	[154]	-	-	Jar, globular shape (Type La2)	Marl F	uncoated	body fragments	-	-	W2	-	-	-	-	-
158	[99]	22m	-	Zir (Type Lb)	Marl C2	self slip	rim sherd	-	-	W2	-	-	-	-	-
159	[143]	-	-	Zir (Type Lb)	Marl C2	self slip	body fragments	-	-	-	-	-	-	-	-
160	[147]	23a	-	Model bowl (Type O)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
161	[146]	23b	-	Model bowl (Type O)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
162	8840E	23c	Vc	Model bowl, wobble base (Type Ob)	Nile B2	uncoated	complete, fragmentary	260	mi	W1	abg.g.	ox.	2	5YR 7/4	-
163	8732C	23d	Vd	Model bowl, flat base (Type Oc)	Nile B2	uncoated	complete, fragmentary	294	mi	W1	abg.g.	ox.	2	5YR 7/4 int. 2.5YR 6/6 ext.	-

Table 2 The late Hyksos period pottery from locus 1016. Corpus B (Middle Bronze Age II B–C shapes)

Order No.	Inv. No.	Fig.	Plate	Shape	Fabric	Ware	Condition	VI	Qual.	Shaping techn.	Base tech.	Firing index	Hard.	Surface colour	Slip
164	[114]	23e	-	Dipper/juglet (Type Uc)	Nile B2	red-slipped burnished	neck sherd	-	-	W2	-	-	-	-	-
165	[95]	23f	-	Dipper/juglet (Type Uc)	Nile B2	red-slipped burnished	shoulder sherd	-	-	W2	-	-	-	-	-
166	[149]	23g	-	Dipper/juglet (Type Uc)	Nile B2	red-slipped burnished	rim and handle	-	-	W2	-	-	-	-	-
167	[150]	23h	-	Dipper/juglet (Type Uc)	Nile B2	red-slipped burnished	handle fragment	-	-	W2	-	-	-	-	-
168	[151]	23i	-	Dipper/juglet (Type Uc)	Nile B2	red-slipped burnished	handle fragment	-	-	W2	-	-	-	-	-
169	[152]	23j	-	Dipper/juglet (Type Uc)	Nile B2	red-slipped burnished	body sherd	-	-	W2	-	-	-	-	-
170	[91]	23k	-	Dipper/juglet (Type Uc)	Nile B2	red-slipped burnished	fragments	-	-	W2	gosp.g	-	-	-	-
171	8731O	23l	Ve	Dipper/juglet (Type Uc)	Nile B2	red-slipped burnished	incomplete.	-	f-mi	W2	gosp.g.	ox.	3	-	10R 6/6
172	[131]	24a	-	Cooking pot (Type Y)	Nile B2	uncoated	rim sherd	-	-	W2	-	-	-	-	-
173	[72]	24b	-	Cooking pot (Type Y)	Nile B2	uncoated	rim sherd	-	-	W2	-	-	-	-	-
174	[73]	24c	-	Cooking pot (Type Y)	Nile B2	uncoated	rim sherd	-	-	W2	-	-	-	-	-
175	[71]	24d	-	Cooking pot (Type Y)	Nile B2	uncoated	rim sherd	-	-	W2	-	-	-	-	-
176	[70]	24e	-	Cooking pot (Type Y)	Nile E2	uncoated	rim sherd	-	-	W2	-	-	-	-	-
177	[74]	24f	-	Cooking pot (Type Y)	Nile E2	uncoated	rim sherd	-	-	W2	-	-	-	-	-
178	[75]	24g	-	Cooking pot (Type Y)	Nile E2	uncoated	rim sherd	-	-	W2	-	-	-	-	-
179	[69]	24h	-	Cooking pot (Type Y)	Nile E2	uncoated	rim sherd	-	-	W2	-	-	-	-	-
180	[66]	25a	-	Storage jar (Type AA1)	Nile B2	uncoated; red-slipped rim and neck	rim sherd	-	-	W1	-	-	-	-	-
181	8732T	25b	Vb	Storage jar (Type AA1)	Nile B2	uncoated; red-slipped rim and neck	incomplete, fragmentary	77	mi	W1	[W.gef.]	ox.	2	2.5YR5/6	red-slipped band 10R3/6
182	[122]	25c	-	Storage jar (Type AA1)	Nile B2	uncoated	base fragment	-	-	W2	W.gef.	-	-	-	-
183	8895M	25d	Xc	Jar, globular shape (Type AA1a)	Nile E1	red-slipped	incomplete, fragmentary	-	mi	W2	-	ox.	2	-	10R 5/8
184	8895F	25e	Xf	Jar, ring base (Type AA1a)	Nile B2	uncoated	incomplete, fragmentary	-	mi	W1	W.gef.	ox.	2	5YR 7/4-6	-
185	[97]	25f	-	Large storage jar (Type AA2)	Nile B2	uncoated; red-slipped rim and neck	rim sherd	-	-	W1	-	-	-	-	-
186	[155]	25g	-	Large storage jar (Type AA2)	Nile C1	uncoated	rim sherd	-	-	W1	-	-	-	-	-

Table 2 The late Hyksos period pottery from locus 1016. Corpus B (Middle Bronze Age II B–C shapes)

Order No.	Inv. No.	Fig.	Plate	Shape	Fabric	Ware	Condition	VI	Qual.	Shaping techn.	Base tech.	Firing index	Hard.	Surface colour	Slip
187	[92]	25h	-	Large storage jar (Type AA2)	Nile B2	uncoated	rim sherd	-	-	W1	-	-	-	-	-
188	[104]	25i	-	Amphora (Type CC)	Nile B2	uncoated	base	-	-	W1	M	-	-	-	-
189	[96]	25j	-	Amphora (Type CC)	Nile B2	uncoated	base	-	-	W1	M	-	-	-	-
190	[101]	25k	-	Amphora (Type CC)	Nile	uncoated	body sherd	-	-	W1	M	-	-	-	-
191	8892B	26a	VIIIc	Cooking pot, hand-made (Type RRa)	IV.50	-	body sherd	-	mi-r	Ha1	-	m.	2	7.5YR5/1 ext. 6/4 int.	-
192	-	-	-	Amphora (Type NN)	IV.01	-	body sherd	-	-	W2	-	-	-	-	-
193	[107]	26b	-	Amphora (Type NN)	IV.02	-	rim sherd	-	-	W2	-	-	-	-	-
194	[112]	26c	-	Amphora (Type NN)	IV.02	-	rim sherd	-	-	W2	-	-	-	-	-
195	[110]	26d	-	Amphora (Type NN)	IV.02	-	rim sherd	-	-	W2	-	-	-	-	-
196	[109]	26e	-	Amphora (Type NN)	IV.02	-	rim sherd	-	-	W2	-	-	-	-	-
197	[111]	26f	-	Amphora (Type NN)	IV.02	-	rim sherd	-	-	W2	-	-	-	-	-
198	[105]	26g	-	Amphora (Type NN)	IV.02	-	rim sherd	-	-	W2	-	-	-	-	-
199	[106]	26h	-	Amphora (Type NN)	IV.02	-	rim sherd	-	-	W2	-	-	-	-	-
200	-	-	-	Amphora (Type NN)	IV.02	-	handle fragment	-	-	Ha2	-	-	-	-	-
201	[116]	26i	-	Amphora (Type NN)	IV.02	-	fragments	-	-	W2+Ha2	-	-	-	-	-
202	-	-	-	Amphora (Type NN)	IV.02	-	body sherds	-	-	W2	-	-	-	-	-
203	-	-	-	Amphora (Type NN)	IV.04	-	body sherd	-	-	W2	-	-	-	-	-
204	-	-	-	Amphora (Type NN)	IV.08	-	body sherd	-	-	W2	-	-	-	-	-
205	-	-	-	Amphora (Type NN)	IV.09	-	body sherd	-	-	W2	-	-	-	-	-
206	-	-	-	Amphora (Type NN)	IV.10	-	body sherd	-	-	W2	-	-	-	-	-
207	-	-	-	Amphora (Type NN)	IV.10	-	handle fragment	-	-	W2	-	-	-	-	-
208	-	-	-	Amphora (Type NN)	IV.10	-	body sherds	-	-	W2	-	-	-	-	-
209	-	-	-	Amphora (Type NN)	IV.17	-	body sherds	-	-	W2	-	-	-	-	-
210	-	-	-	Amphora (Type NN)	IV.17	-	handle fragment	-	-	W2	-	-	-	-	-
211	-	-	-	Amphora (Type NN)	IV.21	-	body sherds	-	-	W2	-	-	-	-	-

## 5.1.2. Ceramic corpus of the late Hyksos period

### A. CORPUS A (EGYPTIAN SHAPES)

#### A.1. Domestic pottery

##### A.1.1. Domestic pottery in Nile silt clays

##### A.1.1.1. Fine ware

##### A.1.1.1.1. Cups with flat base (“S-Näpfe”) (Type Ab)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 1** (Fig. 9a) from K-6515 [1]; rim sherd; base not preserved; convex-sided; Rd: 9.0 cm; 3/32.

**No. 2** (Fig. 9b) [2]; base; flat base finished on the wheel; Bd: 3.5 cm; 1/1.

##### A.1.1.1.2. Deep bowls (“Napfschalen”) (Type B)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 3** (Fig. 9c) [4]; rim sherd; convex-sided; Rd: 18.0 cm; 3/64; dark red-slipped rim band on exterior and interior.

##### A.1.1.1.3. Small bowls (“Kleine Schalen”), straight sidewalls (Type Cb)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 4** (Fig. 9d) [3]; rim sherd; Rd: 12.0 cm; 3/64.

##### A.1.1.1.4. Bowls with ring base (“R-Schalen”) (Type D)

– Base partially preserved

– Direct rim, flaring sidewalls; Nile B<sub>2</sub> fabric, red-slipped ware

**No. 5** (Fig. 9e; Plate IIIf). 8731U (“R-Schale”) {98/137}

RF	I-b-2	mi	W1	gef. (W)	ox	2-3
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Complete, fragmentary, mended; base 1/4, rim 3/4 preserved.

Rd: 14.0 cm; Bd: 4.0 cm; Wd: 0.55 cm; H<sub>1</sub>: 6.5 cm; H<sub>5</sub>: 0.75 cm; VI: 215.

Surface colour: 2.5YR 6/6 red (slip); rim band: 10R 4/6 red. Break: 5YR 5/1 grey core<sup>62</sup> with 2.5YR 6/8 light red oxidation zones.

Base made on the wheel; throwing lines and a carination above base; dark red-slipped rim band on exterior and interior. Surface: smoothed on the wheel (Find No. 5).

##### A.1.1.1.4.1. With the base raised in the middle (R<sub>2</sub>) (Type Da)

– Rim not preserved

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 6** (Fig. 9f) [117]; base fragment; Bd: 4.5 cm; 3/4.

**No. 7** (Fig. 9g) [134]; base; Bd: 4.0 cm; 1/1; ring of the base not well-formed.

– Direct rim, straight sidewalls

– Nile B<sub>2</sub> fabric, uncoated exterior, red-slipped interior

**No. 8** (Fig. 9h; Plate IIIa). 8840B (“R<sub>2</sub>-Schale”) {98/133}

TGRF	I-b-2	mi	W1	gef. (W)	ox	2
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Complete, fragmentary, mended; rim 3/64 and base 1/1 preserved.

Rd: 18.0 cm; Bd: 4.0 cm; Wd: 0.65 cm; H<sub>1</sub>: 6.8 cm; VI: 265.

Surface colour: 10R 6/6 light red; slip: 10R 5/8 red; rim band: 10R 6/4 pale red.

Break: 10R 6/1 reddish grey core with 10R 5/6 red oxidation zones.

Throwing lines on exterior surface above base and on the interior; dark red-slipped rim band on exterior and interior surface. Surface: well-smoothed on the wheel.

– Nile B<sub>2</sub> fabric, red-slipped ware

**No. 9** (Fig. 9i) [116]; base; Bd: 5.0 cm; 1/1.

##### A.1.1.1.4.2. With the base lowered in the middle (R<sub>3</sub>) (Type Db)

– Direct rim, straight sidewalls

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 10** (Fig. 9j; Plate IIIc). 8732Q (“R<sub>3</sub>-Schale”) {98/137}

TG	I-b-2	mi	W1	gef. (W)	ox	2
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Complete, fragmentary, mended; rim 5/32 and base 1/1 preserved.

Rd: 14.0 cm; Bd: 5.1 cm; Wd: 0.55 cm; H<sub>1</sub>: 5.7-5.8 cm; VI: 243.

Surface colour: 5YR 7/8 reddish yellow.

Break: 5YR 5/1 grey core with 5YR 5/8-4/6 yellowish red oxidation zones.

Throwing lines on both surfaces; exterior overly fired.

Surface: smoothed on the wheel (Find No. 54).

– Rim not preserved

**No. 11** (Fig. 9k; Plate IIIId). 8732R (“R<sub>3</sub>-Schale”) {98/138}

TG	I-b-2	mi-r	W1	gef. (W)	ox	2
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Incomplete, fragmentary, mended; ring base; rim lacking; base 1/4 preserved; straight-sided.

Bd: 6.0 cm; Wd: 0.55 cm; H<sub>1</sub>: 7.3 + x cm; VI: –

Surface colour: 5YR 6/4 light reddish brown.

Break: thick core, 5YR 5/1 grey, with 2.5YR 6/6 light red oxidation zones.

Eroded on both surfaces.

Surface: smoothed on the wheel (Find No. 42).

– Base not preserved (Type D)

– Direct rim, slightly incurved; Nile B<sub>2</sub> fabric, uncoated ware

**No. 12** (Fig. 9l) [127]; rim sherd; Rd: 18.0 cm; 3/32; thick

<sup>62</sup> *Munsell Soil Color Charts*, revised edition, New Windsor, NY 1994.

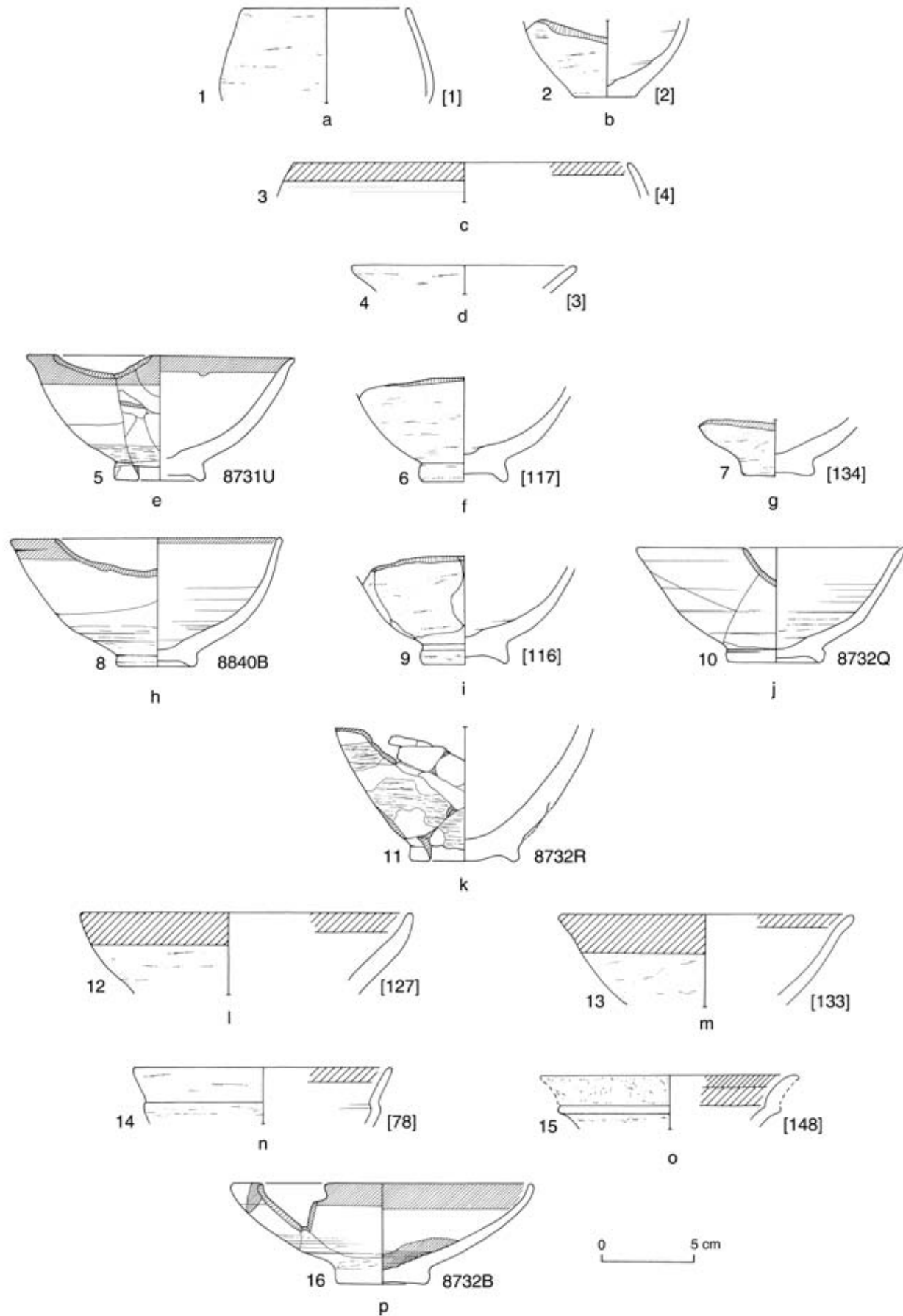


Fig. 9 Ceramic corpus of the late Hyksos period from L1016



walls; dark red-slipped rim band on interior, not well-preserved on exterior.

– Direct rim, flaring sidewalls; Nile B<sub>2</sub> fabric, red-slipped ware

**No. 13** (Fig. 9m) [133]; rim sherd; Rd: 16.0 cm; 3/32; dark red-slipped rim band on interior and exterior.

#### A.1.1.1.5. Small carinated bowls (“Kielschalen”) (Type OO)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 14** (Fig. 9n) [78]; rim sherd; Rd: 16.0? cm; 1/32; red-slipped rim band on interior?; eroded rim.

– Nile B<sub>2</sub> fabric, red-slipped ware

**No. 15** (Fig. 9o) [148]; rim sherd; Rd: 14.0? cm; 1/16; dark red-slipped rim band on interior and exterior?; eroded rim.

#### A.1.1.1. 6. Large bowl with ring base (“R-Schüssel”) (Type E)

##### A.1.1.1. 6.1. Shallow bowl with direct rim and ring base (Type Ea)

– Nile B<sub>2</sub> fabric, uncoated exterior, red-slipped interior

**No. 16** (Fig. 9p; Plate IIIb). 8732B (“R-Schüssel”) {98/116}

TGRF	I-b-2	mi	W1	gef. (W)	ox	2
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Complete, fragmentary, mended; base 1/1 and rim 3/16 preserved; straight-sided.

Rd: 17.0 cm; Bd: 4.5 cm; Wd: 0.6 cm; H<sub>1</sub>: 5.3–5.7 cm; VI: 309.09.

Surface colour: light red (2.5YR 6/6) exterior; dark red (10R 3/6) interior (slip) and rim band.

Break: thin core, 2.5YR 4/2 weak red, with 2.5YR 5/6 red and 5/8 red oxidation zones.

Sharp ridges on inner surface of base, coated in a dark red colour; dark red-slipped rim band on interior and exterior, spread on part of exterior body.

Surface: smoothed on the wheel (Find No. 3).<sup>63</sup>

#### A.1.1.2. General household ware

##### A.1.1.2.1 Bowls (“Schalen”) (Type F)

##### A.1.1.2.1.1. Bowls with flat base (“S-Schalen”) (Type Fa)

– Rim not preserved

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 17** (Fig. 10a; Plate IIIg). 8732K (“S-Schale”) {98/136}

TG	I-b-2	mi	W1	(W)	ox	2
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Incomplete, fragmentary, mended; rim not preserved, base 1/1 preserved; straight-sided.

Bd: 6.5 cm; Wd: 0.6 cm; H<sub>1</sub>: 6.0 + x cm; VI: –

Surface colour: 10R 5/6 red.

Break: 5YR 5/6 red.

Scraped on the exterior above base; base finished on the wheel.

Surface: smoothed on the wheel (Find No. 2).

##### A.1.1.2.1.1.2. Bowls with straight sidewalls (Type Fa<sub>2</sub>)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 18** (Fig. 10b; Plate IIIi). 8732E (“S-Schale”) {98/083}

TG	I-b-2	mi	W1	(W)	ox	2
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Complete, fragmentary, mended; rim 7/8 and base 1/1 preserved.

Rd: 18.0 cm; Bd: 7.0 cm; Wd: 0.6 cm; H<sub>1</sub>: 4.9–5.2 cm; VI: 360.

Surface colour: 2.5YR 6/8 light red.

Break: thick core, 5YR 5/1 grey, with 5YR 5/8 yellowish red oxidation zones.

Slightly undulating walls on exterior; trimmed rim; base finished on the wheel.

Surface: well-smoothed on the wheel (Find No. 38).

**No. 19** (Fig. 10c) [129]; rim sherd; Rd: 20.0 cm; 1/32; trimmed rim.

– Nile B<sub>2</sub>, uncoated exterior, red-slipped interior

**No. 20** (Fig. 10d; Plate IVd). 8732J (“S-Schale”) {98/082}

TGRF	I-b-2	mi	W1	(W)	ox	2
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Complete, fragmentary, mended; rim 1/2 and base 1/2 preserved.

Rd: 21.0 cm; Bd: 6.0 cm; Wd: 0.8 cm; H<sub>1</sub>: 6.0–6.1 cm; VI: 347.

Surface colour: 5YR 7/6 reddish yellow; slip: 10R 5/6 red.

Break: thick core, 2.5YR 4/2 weak red, with 2.5YR 6/6 red oxidation zones.

A carination above base outside; throwing lines inside; base finished on the wheel; eroded on exterior.

Surface: smoothed on the wheel (Find No. 41).

– Nile B<sub>2</sub> fabric, red-slipped ware

**No. 21** (Fig. 10e). 8735 (“S-Schale”) {98/135}

RF	I-b-2	mi	W1	(W)	ox	2
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Complete, mended; part of the rim and the body is broken.

Rd: 19.0 cm; Bd: 5.0 cm; Wd: 0.65 cm; H<sub>1</sub>: 4.4–5.6 cm; VI: 380.

Surface colour: 5YR 7/6 reddish yellow; slip: 10R 4/8 red.

Break: –

Deformed; scraped above base; dark red colour spread on the exterior body.

Surface: smoothed on the wheel (Find No. 34).

##### A.1.1.2.1.1.3. Bowls with flaring sidewalls (Type Fa<sub>3</sub>)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 22** (Fig. 10f; Plate IIIh). 8751 (“S-Schale”) {98/135}

TG	I-b-2	mi	W1	(W)	ox	2
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Complete, fragmentary, mended; part of the rim is broken.

<sup>63</sup> See Inv. No. 4165F, in Nile D, uncoated ware, A/II-o/21, deposit 1, str. b/1.

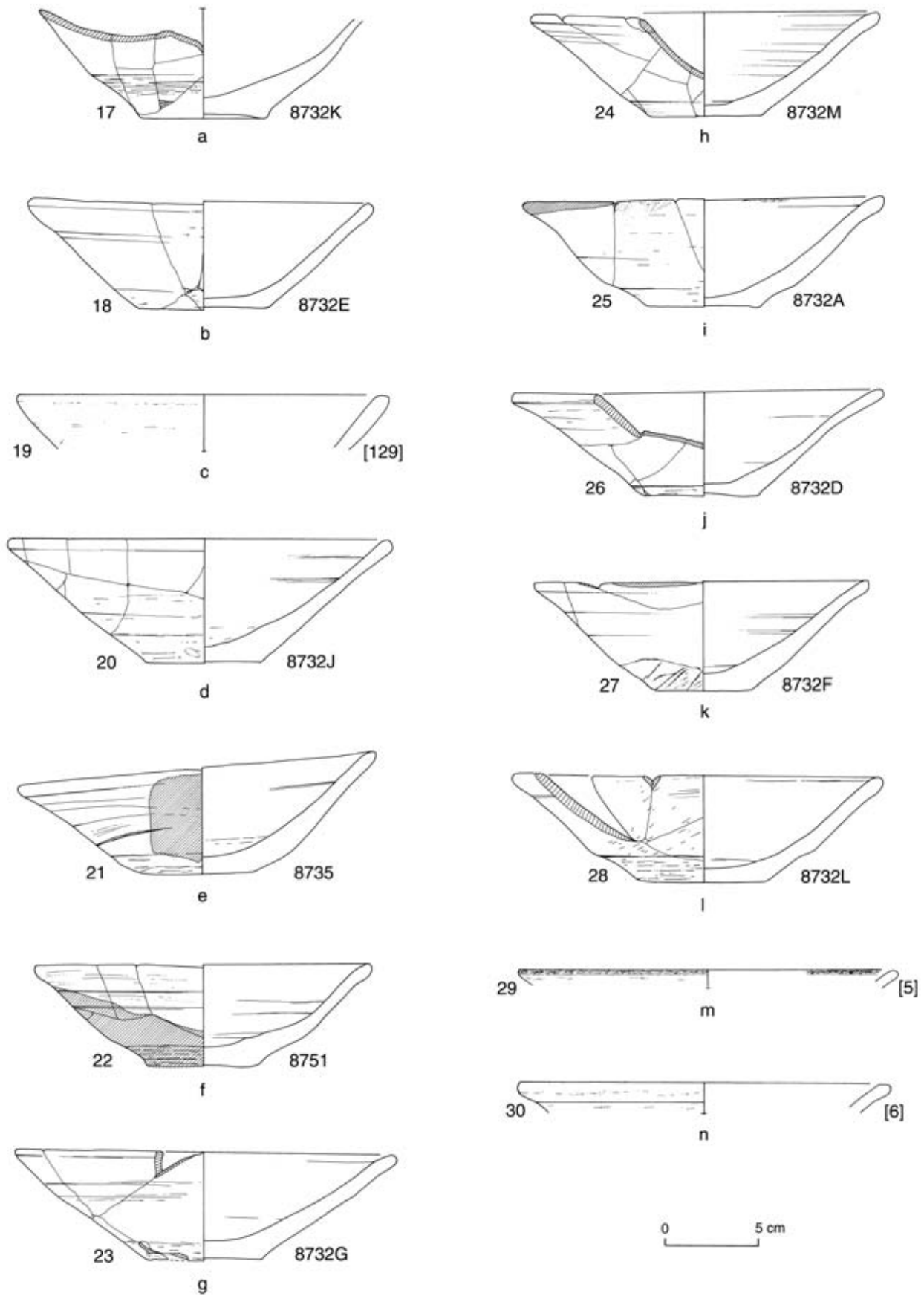


Fig. 10 Ceramic corpus of the late Hyksos period from L1016

Rd: 17.5 cm; Bd: 5.5–5–8.0 cm; Wd: 0.6 cm; H<sub>1</sub>: 4.6–4.8 cm; VI: 372.

Surface colour: 2.5YR 6/6 light red (interior); 10R 4/8 red (exterior).

Break: thick reddish grey core with red oxidation zones.

Throwing lines on interior and exterior; dark red colour spread on exterior of the body.

Surface: smoothed on the wheel (Find No. 23).

**No. 23** (Fig. 10g). 8732G (“S-Schale”) {98/084}

TG	I-b-2	mi	W1	(W)	ox	2
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Complete, fragmentary, mended; rim 5/8 and base 1/1 preserved.

Rd: 20.0 cm; Bd: 6.0 cm; Wd: 0.8 cm; H<sub>1</sub>: 5.0–5.2 cm; VI: 392.

Surface colour: 2.5YR 6/6 light red.

Break: 2.5YR 5/6 red.

Throwing lines on exterior; trimmed rim.

Surface: well smoothed on the wheel (Find No. 29).

– Nile B<sub>2</sub> fabric, uncoated exterior, red-slipped interior

**No. 24** (Fig. 10h). 8732M (“S-Schale”) {98/136}

TGRF	I-b-2	mi	W1	(W)	ox	2
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Complete, fragmentary; mended; rim 3/16 and base 1/1 preserved.

Rd: 20.0 cm; Bd: 6.0 cm; Wd: 0.75 cm; H<sub>1</sub>: 5.5 cm; VI: 364.

Surface colour: 5YR 7/4 pink; slip: 10R 5/8 red.

Break: 5YR 5/1 grey core with 5YR 5/4 reddish brown and 5YR 5/6 yellowish red oxidation zones.

Throwing lines on interior and exterior; trimmed rim; eroded on exterior surface.

Surface: smoothed on the wheel.

**No. 25** (Fig. 10i; Plate IVb). 8732A (“S-Schale”) {98/083}

TGRF	I-b-2	mi	W1	(W)	ox	2
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Complete, fragmentary, mended; rim 3/4 and base 1/1 preserved.

Rd: 19.0 cm; Bd: 6.0 cm; Wd: 0.8 cm; H<sub>1</sub>: 4.8–5.3 cm; VI: 380.

Surface colour: 5YR 7/6 reddish yellow; slip: 10R 5/8 red.

Break: thin core, 2.5YR 4/2 weak red, with 2.5YR 5/6 red oxidation zones.

Carination above base; eroded rim; slip spread on part of rim on the exterior; rim smoked inside and outside.

Surface: smoothed on the wheel (Find No. 20).

**No. 26** (Fig. 10j; Plate IVa). 8732D (“S-Schale”) {98/084}

TGRF	I-b-2	mi	W1	(W)	ox	2
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Complete, fragmentary, mended; rim 11/32, base 1/1 preserved.

Rd: 19.0 cm; Bd: 6.0 cm; Wd: 0.6 cm; H<sub>1</sub>: 5.0 cm; VI: 380.

Surface colour: 5YR 7/4 pink; slip: 10R 5/6 red.

Break: thick core, 2.5YR N/4 dark grey, with 2.5YR 6/8 light red oxidation zones.

Flaring sides; trimmed rim; base finished on the wheel.

Surface: smoothed on the wheel (Find No. 46, found below Find No. 40).

**No. 27** (Fig. 10k). 8732F (“S-Schale”) {98/134}

TGRF	I-b-2	mi	W1	(W)	ox	2
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Complete, fragmentary, mended; rim 3/4, base 1/1 preserved.

Rd: 17.5 cm; Bd: 4.5–5.0 cm; Wd: 0.8 cm; H<sub>1</sub>: 5.3–5.5 cm; VI: 324.

Surface colour: 5YR 7/8 reddish yellow; slip: 10R 5/8 red.

Break: thin core, 5YR 5/2 reddish grey, with 5YR. 6/4 light reddish brown oxidation zones.

Scraped above base; base finished on the wheel; trimmed lip.

Surface: smoothed on the wheel (Find No. 17).

**No. 28** (Fig. 10l; Plate IVc). 8732L (“S-Schale”) {98/082}

TGRF	I-b-2	mi	W1	(W)	ox	2
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Incomplete, fragmentary, mended; rim 11/32, base 1/1 preserved.

Rd: 20.0 cm; Bd: 7.0 cm; Wd: 0.75 cm; H<sub>1</sub>: 4.8–5.3 cm; VI: 400.

Surface colour: 5YR 7/4 pink; slip: 10R 5/6 red.

Break: 5YR 5/1 grey core with 5YR 5/4 reddish brown oxidation zones.

Carinated and scraped above base; throwing line on rim inside; base finished on the wheel.

Surface: smoothed on the wheel.

– Bowl used as a lid, Nile B<sub>2</sub> fabric

**No. 29** (Fig. 10m) [5] (“Schale”); rim sherd; Rd: 20.0 cm; 1/32; smoked all around the rim.

– Nile B<sub>2</sub> fabric, uncoated ware, trimmed rim

**No. 30** (Fig. 10n) [6]; rim sherd; Rd: 20.0 cm; 3/64.

#### A.1.1.2.1.3. Carinated bowl (“Knickwandschale”) (Type PP)

##### A.1.1.2.1.3.2. Bowl with vertical sides (Type PPb)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 31** (Fig. 11a) [125]; body sherd with an incised wavy line framed below by two horizontal lines. This decoration is part of a wider pattern with two “breasts” located closed together, below the direct rim. Md: ca. 20.0 cm; Wd: 0.4 cm.<sup>64</sup>

#### A.1.1.2.2. Bowls with complex rim (“Schüsseln”) (Type G)

– Large bowl (“Schüssel”), no rim preserved

– Nile C<sub>1</sub> fabric, uncoated ware

**No. 32** (Fig. 11b; Plate IVe). 8732N (“Schüssel”) {98/157}

TG	I-c-1	mi-r	W1	(W)	ox	2
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Incomplete, fragmentary; mended; base 1/1 preserved; rim is lacking; flat base, straight-sided.

Bd: 10.5 cm; Wd: 1.4 cm; H<sub>1</sub>: 8.0 + x cm; VI: –

Surface colour: 7.5YR 7/4 pink.

Break: thick core, 7.5YR N/4 dark grey, with 7.5YR 6/4 light brown and 5YR 6/6 reddish yellowish oxidation zones.

<sup>64</sup> See Inv. No. 4046E, F/I-k/20, str. d/2–1, 30.0 cm in rim diameter.

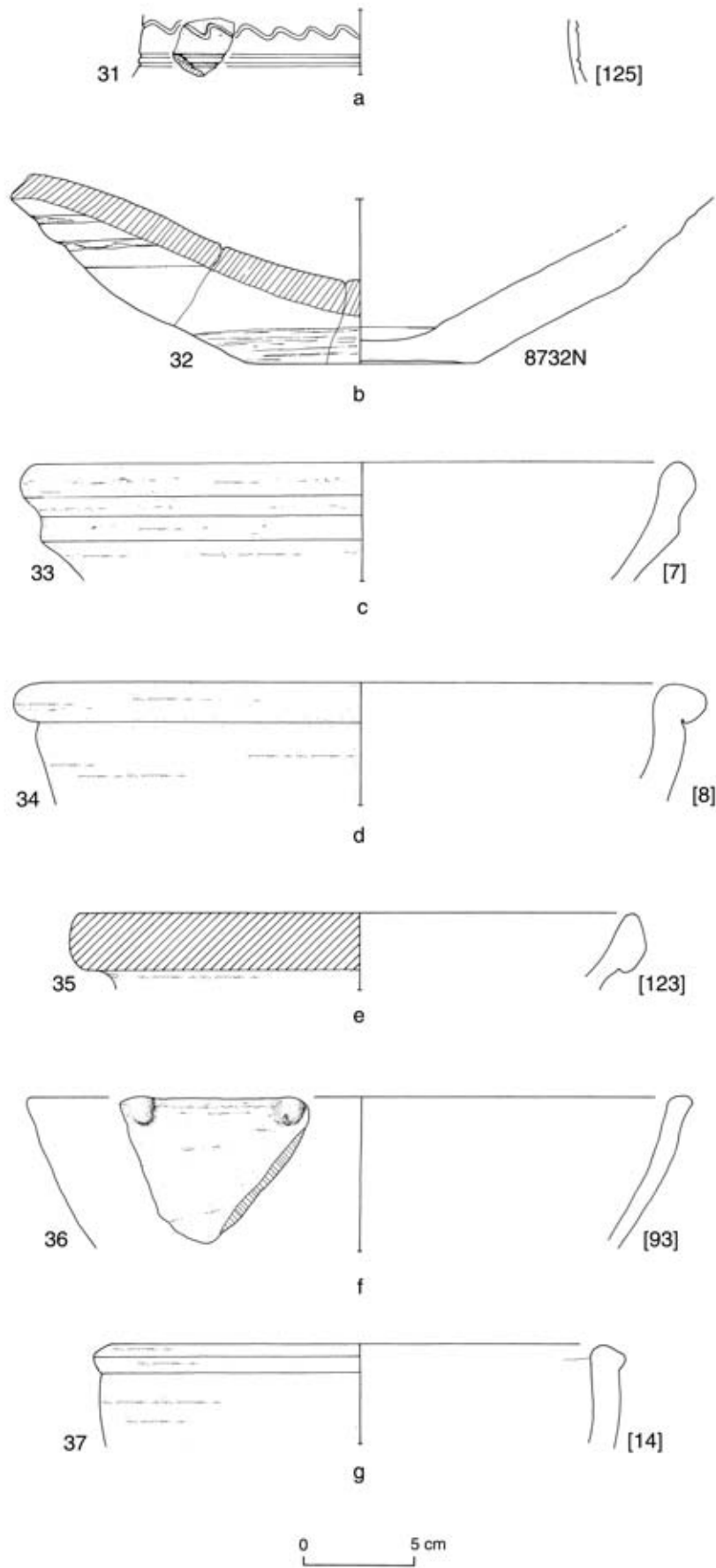


Fig. 11 Ceramic corpus of the late Hyksos period from L1016

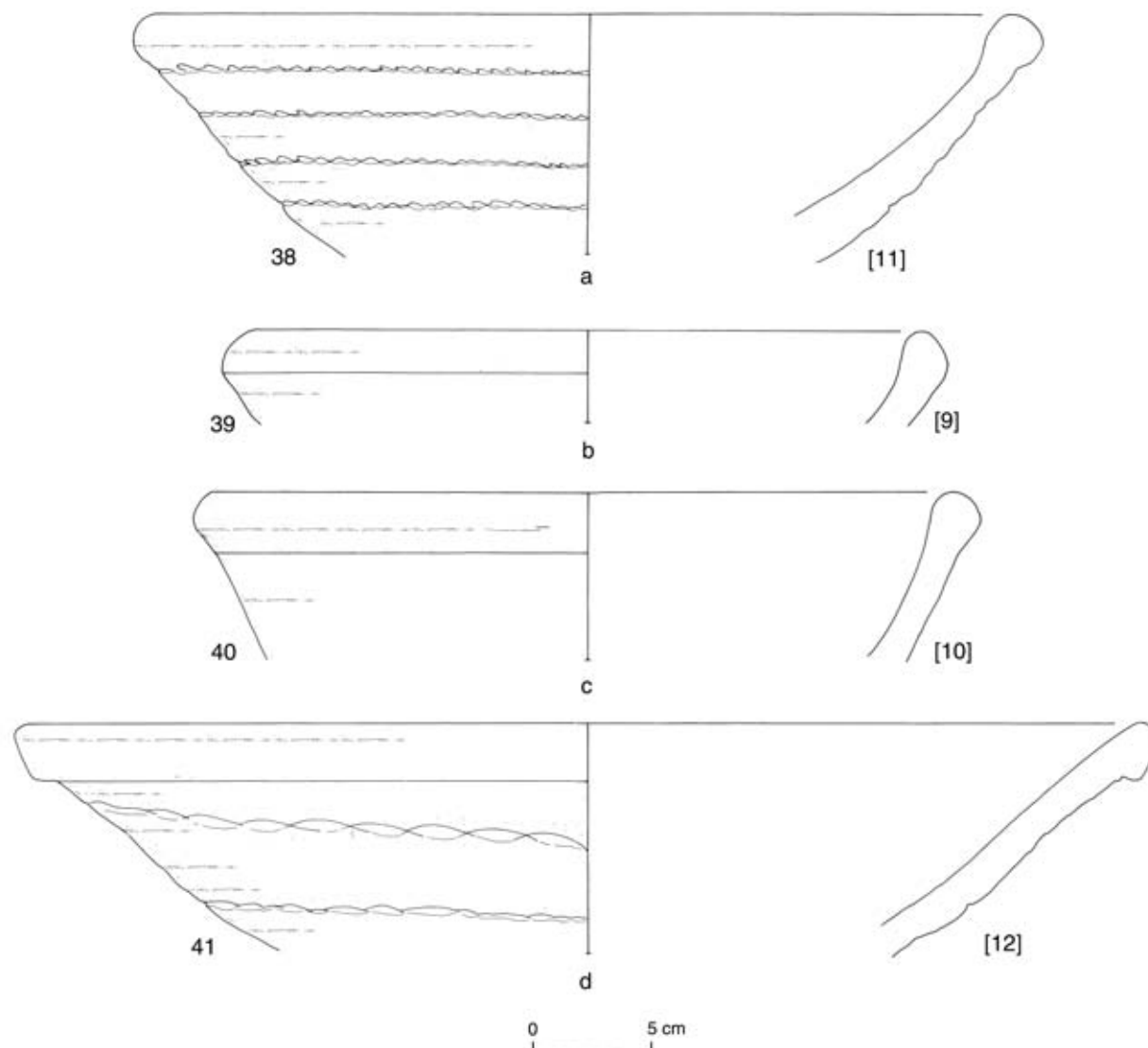


Fig. 12 Ceramic corpus of the late Hyksos period from L1016

String marks on exterior surface; scraped above base on the exterior; base finished on the wheel.

Surface: smoothed on the wheel (Find No. 52, found below the skeleton No.1).

#### A.1.1.2.2.1. Carinated bowls (“Kielschüsseln”) (Type Ga)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 33** (Fig. 11c) [7]; rim sherd; straight-sided; Rd: 33.0 cm; 1/16.

**No. 34** (Fig. 11d) [8]; rim sherd; straight-sided; Rd: 31.0 cm; 1/32.

– Nile B<sub>2</sub> fabric, uncoated exterior and red-slipped interior

**No. 35** (Fig. 11e) [123]; rim sherd; straight-sided; Rd: 26.0 cm; 1/32; red slip covers lip on the exterior.

#### A.1.1.2.2.2. Bowls with lip (“Schüsseln. L”) (Type Gb)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 36** (Fig. 11f) [93]; rim sherd; straight-sided; Rd: 30.0 cm; 5/64; rolled rim, pinched.

**No. 37** (Fig. 11g) [14]; rim sherd; straight-sided; Rd: 24.0 cm; 1/64; rolled trimmed rim.<sup>65</sup>

– Nile B<sub>2</sub>/C<sub>1</sub> fabric, uncoated ware

**No. 38** (Fig. 12a) [11]; rim sherd; straight-sided; Rd: 38.0 cm; 3/16; string marks on exterior surface.

– Nile B<sub>2</sub>/C<sub>1</sub> fabric, uncoated exterior and red-slipped interior

**No. 39** (Fig. 12b) [9]; rim sherd, eroded; straight-sided; Rd: 30.0 cm; 9/64.

<sup>65</sup> See Inv. No. 1243, in Nile E<sub>2</sub>, uncoated ware, F/I-I/21, tomb 37, reconstructed from K2857.



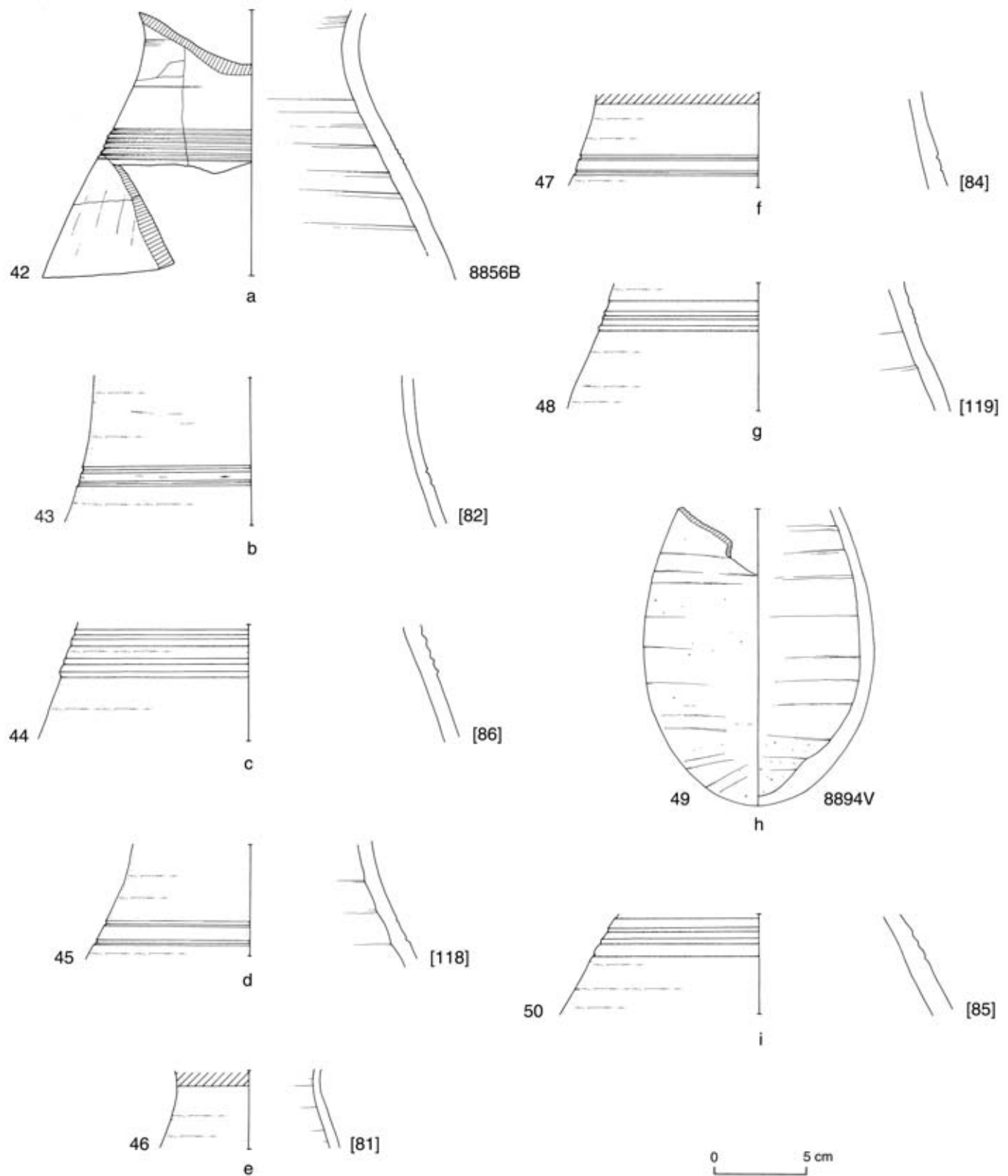


Fig. 13 Ceramic corpus of the late Hyksos period from L1016

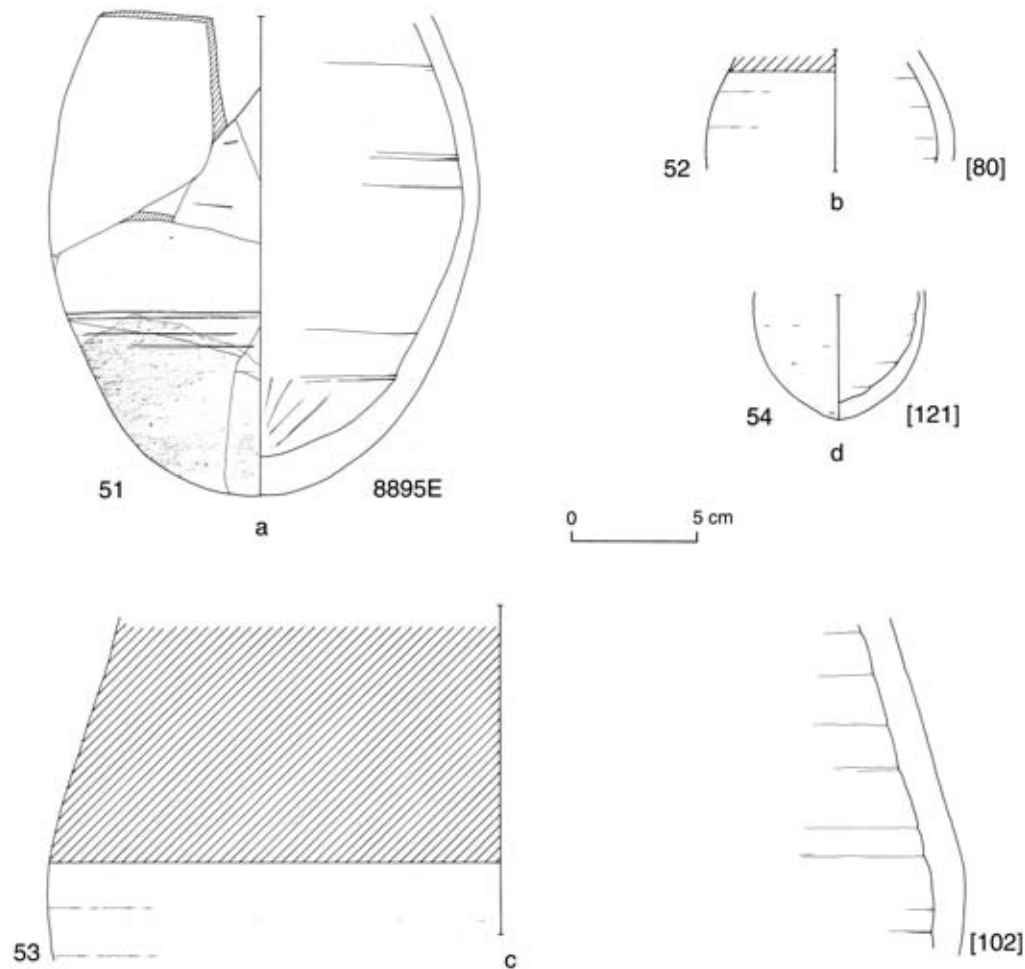


Fig. 14 Ceramic corpus of the late Hyksos period from L1016

**No. 40** (Fig. 12c) [10]; rim sherd, eroded; straight-sided; Rd: 33.0 cm; 1/16.

#### A.1.1.2.3. Footed bowl (“Fußschale”) (Type H)

– Nile B<sub>2</sub>/C<sub>1</sub> fabric, uncoated ware

**No. 41** (Fig. 12d) [12]; rim sherd; straight-sided; Rd: 48.0 cm; 3/32. Trimmed triangular-shaped rim; string marks on exterior surface.

#### A.1.1.2.4. Jars (“Vasen”) (Type I)

– Body fragments, rounded body

– Nile B<sub>2</sub> fabric, uncoated ware, vertically-sided

**No. 42** (Fig. 13a; Plate IVf). 8856B (“große Vase”) {98/158}

TG	I-b-2	mi	W1	—	ox	2
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Incomplete, fragmentary; mended; neck and shoulder preserved; rim is lacking;

Nd: 11.0 cm; Wd: 0.8 cm; H<sub>3</sub>: 9.5 + x cm; VI: –

Surface colour: 10R 6/8 light red-5/8 red.

Break: 10R 5/8 red.

Neck was found in locus 1021 (Pit 5; from K-6529) and three sherds from the body in locus 1016 (Pit 1); very well-fired. Surface: smoothed on the wheel.

**No. 43** (Fig. 13b) [82]; shoulder fragment; two grooves on body.

**No. 44** (Fig. 13c) [86]; shoulder fragment; four grooves on body.

**No. 45** (Fig. 13d) [118]; shoulder fragment; two grooves on body; throwing lines on interior.

**No. 46** (Fig. 13e) [81]; shoulder fragment; dark red-slipped band on neck (portion on rim not preserved).

**No. 47** (Fig. 13f) [84]; shoulder fragment; two grooves on body; dark red-slipped band on neck (portion on rim not preserved).

**No. 48** (Fig. 13g) [119]; shoulder fragment; three grooves on body; throwing lines on interior; red-slipped band on neck (portion on rim not preserved).

– Round base

– Nile B<sub>2</sub> fabric, uncoated ware, vertically-sided

**No. 49** (Fig. 13h; Plate VIa). 8894V (“Vase”) {98/422}

TG	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary; base and body preserved.

Md: 12.0 cm; Wd: 0.5 cm; H<sub>1</sub>: 15.5 + x cm; H<sub>2</sub>: 9.0 cm; VI: – Surface colour: 2.5YR 6/4 light reddish brown-6/6 light brown.

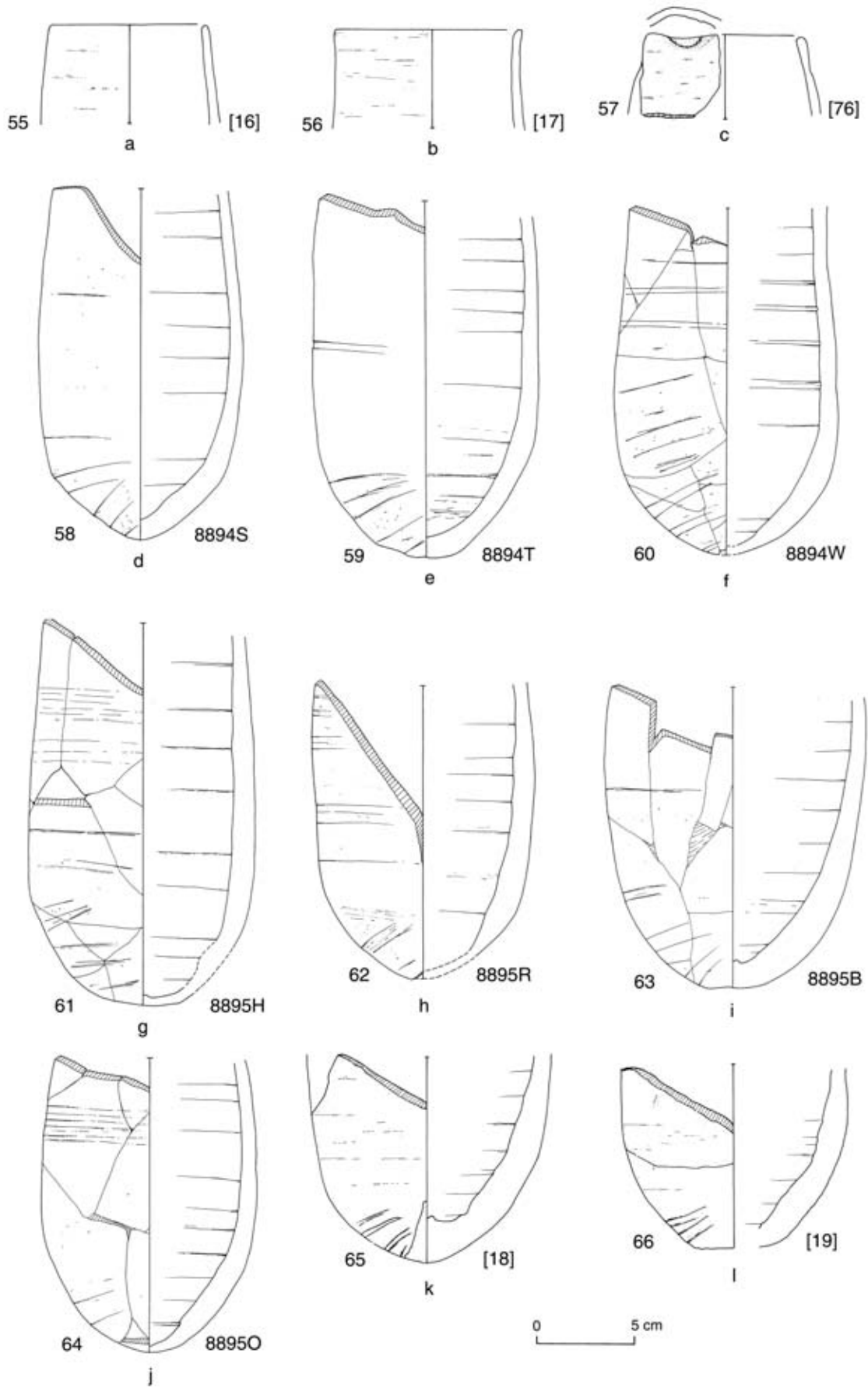


Fig. 15 Ceramic corpus of the late Hyksos period from L1016

Break: 10R 5/6 red core with 7.5YR 6/6 reddish yellow oxidation zones.

Throwing lines inside and outside; scraping marks on base.

Surface: smoothed on the wheel (Find No. 10).

– Nile B<sub>2</sub> fabric, red-slipped ware

**No. 50** (Fig. 13i) [85]; shoulder fragment; three grooves on body.

**No. 51** (Fig. 14a; Plate VIb). 8895E (“Vase”) {98/415}

RF	I-b-2	mi	M	gesp.	ox	2
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Incomplete, fragmentary; base and body preserved; round base.

Md: 16.4 cm; Wd: 0.8 cm; H<sub>1</sub>: 18.0 + x cm; H<sub>2</sub>: 11.0 cm; VI: –  
Surface colour: slip 10R 6/8 light red.

Break: 10R 5/8 red core with 7.5YR 6/6 reddish yellow oxidation zones.

Throwing lines inside; moulded base smoothed inside with fingers (marks preserved); soot on base.

Surface: smoothed on the wheel (Find No. 15).

**No. 52** (Fig. 14b) [80]; body fragment; rounded body; throwing lines on interior; dark red-slipped band on [rim and shoulder].

**No. 53** (Fig. 14c) [102]; body fragment; rounded body; Wd: 1.8 cm; 7.5 dm<sup>2</sup> of body sherds from same vessel; throwing lines on interior and grooves inside at the maximum diameter.

– Rounded body

– Nile B<sub>2</sub> fabric, red-slipped ware, small jar

**No. 54** (Fig. 14d) [121]; base fragment; vertically-sided; 1/4 preserved.

#### A.1.1.2.4.1. Drop jars (“Bechervasen”) (Type Ia)

– W<sub>1</sub>

– Direct rim, Nile B<sub>2</sub> fabric, uncoated ware, vertically-sided

**No. 55** (Fig. 15a) [16]; rim sherd; Rd: 8.0 cm; 3/32.

**No. 56** (Fig. 15b) [17]; rim sherd; Rd: 10.0 cm; 1/8.

**No. 57** (Fig. 15c) [76]; rim sherd; Rd: 8.0 cm; 3/16; pinched rim.

**No. 58** (Fig. 15d; Plate VIe). 8894S (“Bechervase”) {98/425}

TG	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary; base and body preserved; round base.

Md: 11.0 cm; Wd: 0.6 cm; H<sub>1</sub>: 18.0 + x cm; H<sub>2</sub>: 8.0 cm; VI: –  
Surface colour: 2.5YR 5/6 red.

Break: 10R 5/6 red.

Scraping marks on base.

Surface: smoothed on the wheel (Find No. 48).

**No. 59** (Fig. 15e; Plate VIIC). 8894T (“Bechervase”) {98/419}

TG	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved; round base.

Md: 11.0 cm; Wd: 0.5 cm; H<sub>1</sub>: 18.0 + x cm; H<sub>2</sub>: 8.0 cm; VI: –  
Surface colour: 5YR 6/6 reddish yellow.

Break: 10R 5/6 red core with 5YR 5/6 yellowish red oxidation zones.

Base flattened with finger; throwing lines inside; scraping marks on base; groove at middle of body.

Surface: smoothed on the wheel (Find No. 44).

**No. 60** (Fig. 15f; Plate VIc). 8894W (“Bechervase”) {98/421}

TG	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved; round base.

Md: 11.0 cm; Wd: 0.6 cm; H<sub>1</sub>: 17.0 + x cm; H<sub>2</sub>: 8.0 cm; VI: –  
Surface colour: 2.5YR 6/6 light red.

Break: 5YR 5/2 reddish grey core with 2.5YR 5/8 red oxidation zones.

Throwing lines inside and outside; scraping marks on base; central part of base is broken.

Surface: smoothed on the wheel (Find No. 24).

**No. 61** (Fig. 15g; Plate VIId). 8895H (“Bechervase”) {98/436}

TG	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved; round base.

Md: 11.2 cm; Wd: 0.7 cm; H<sub>1</sub>: 19.4 + x cm; H<sub>2</sub>: 7.0 cm; VI: –  
Surface colour: 5YR 7/4 pink.

Break: thick core, 7.5YR4/1 dark grey, with 7.5YR6/6 reddish yellow oxidation zones.

Base flattened with finger; throwing lines inside and outside; scraping marks on base.

Surface: smoothed on the wheel (Find No. 55).

**No. 62** (Fig. 15h). 8895R (“Bechervase”) {98/431}

TG	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base 1/8 and body preserved; [round] base.

Md: 11.3 cm; Wd: 0.95 cm; H<sub>1</sub>: 15.0 + x cm; H<sub>2</sub>: 8.0 cm; VI: –  
Surface colour: 5YR 7/4 pink.

Break: 2.5YR 5/6 red.

Throwing lines inside and outside; scraping marks on base; central part of base is missing.

Surface: smoothed on the wheel (Find No. 56).

**No. 63** (Fig. 15i; Plate VIIb). 8895B (“Bechervase”) {98/420}

TG	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved; round base.

Md: 13.0 cm; Wd: 0.7 cm; H<sub>1</sub>: 14.5 + x cm; H<sub>2</sub>: 12.0 cm; VI: –  
Surface colour: 2.5YR 6/8 light red-5/8 red.

Break: 2.5YR 4/1 dark reddish grey core with 10R 5/6 red - 7.5YR 6/6 reddish yellow oxidation zones.

Base flattened with finger; scraping marks on base.

Surface: smoothed on the wheel (Find No. 43).

**No. 64** (Fig. 15j). 8895O (“Bechervase”) {98/430}

TG	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved; round base.

Md: 10.5 cm; Wd: 0.7 cm; H<sub>1</sub>: 15.0 + x cm; H<sub>2</sub>: 8.0 cm; VI: –  
Surface colour: 5YR 6/6 reddish yellow.

Break: 2.5YR 5/6 red.

Surface: smoothed on the wheel (Find No. 58).

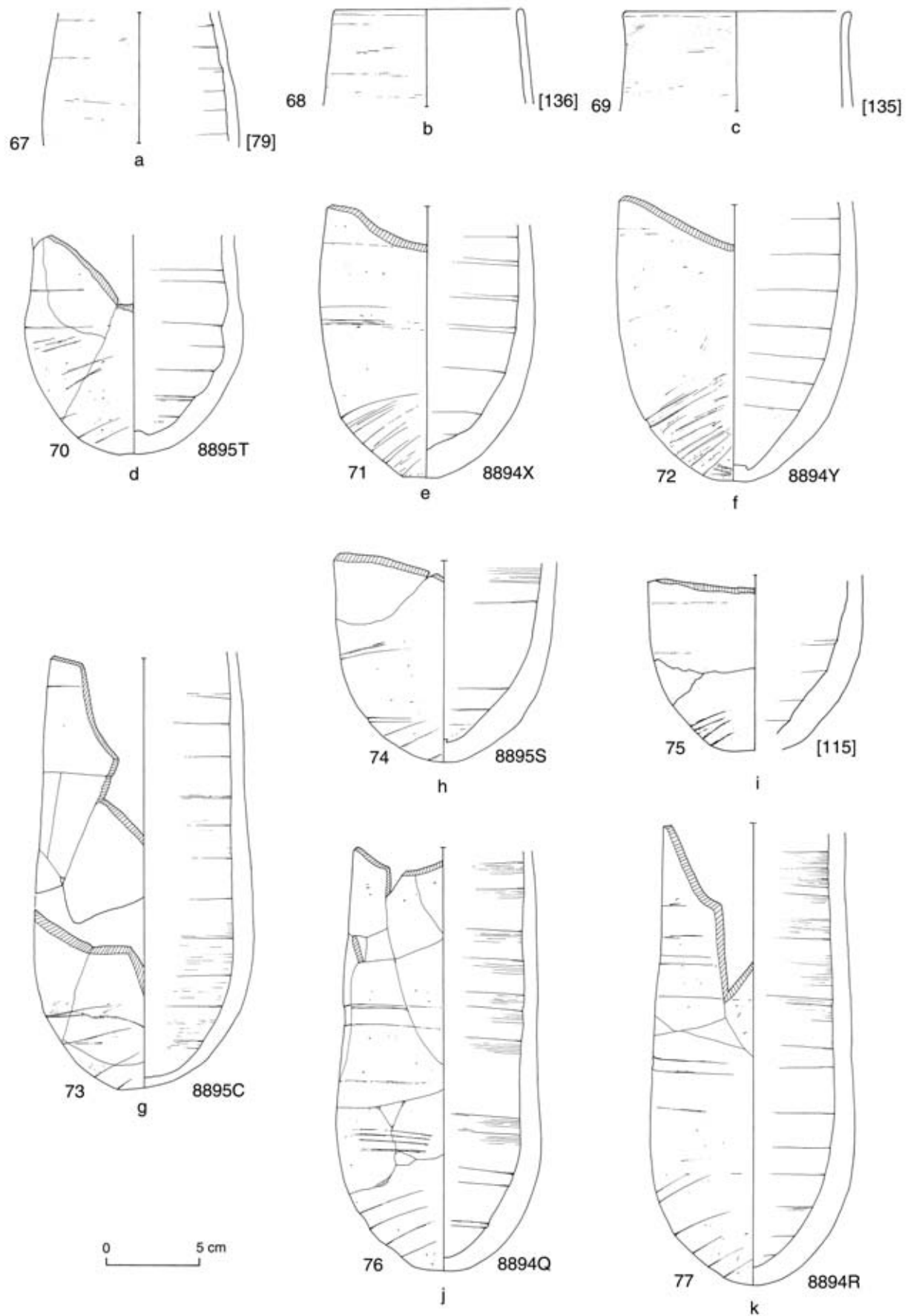


Fig. 16 Ceramic corpus of the late Hyksos period from L1016



– Round base, Nile B<sub>2</sub> fabric, uncoated ware, vertically-sided

**No. 65** (Fig. 15k) [18]; base, 1/1; Wd: 1.5 cm; base cut off the wheel and scraped smooth.

**No. 66** (Fig. 15l) [19]; base, 1/1; Wd: 1.5 cm; base cut off the wheel and scraped smooth with a hole in the middle of the base.

– Fragment of the body, Nile B<sub>2</sub> fabric, uncoated ware, vertically-sided

**No. 67** (Fig. 16a) [79]; Wd: 0.45 cm.

– Direct rim, Nile B<sub>2</sub> fabric, red-slipped ware, vertically-sided

**No. 68** (Fig. 16b) [136]; rim sherd; Rd: 10.0 cm; 1/16.

**No. 69** (Fig. 16c) [135]; rim sherd; Rd: 12.0 cm; 1/16.

– Round base, Nile B<sub>2</sub> fabric, red-slipped ware, vertically-sided

**No. 70** (Fig. 16d; Plate VIIId). 8895T (“Bechervase”) {98/433}

RF	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.8 cm; Wd: 1.0 cm; H<sub>1</sub>: 11.5 + x cm; H<sub>2</sub>: 6.0 cm; VI: – Surface colour: slip 10R 5/6 red.

Break: thick core, 2.5YR 3/1 dark reddish grey, with 10R 5/6 red oxidation zones.

Throwing lines inside and outside; scraping marks on base; base flattened with finger.

Surface: smoothed on the wheel.

**No. 71** (Fig. 16e; Plate VIIe). 8894X (“Bechervase”) {98/428}

RF	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.0 cm; Wd: 0.7 cm; H<sub>1</sub>: 14.0 + x cm; H<sub>2</sub>: 10.0 cm; VI: – Surface colour: slip 2.5YR 6/6 light red.

Break: 2.5YR 6/6 light red core with 7.5YR 6/6 reddish yellow oxidation zones.

Base flattened with finger; throwing lines inside and outside; scraping marks on the base.

Surface: smoothed on the wheel (Find No.45).

**No. 72** (Fig. 16f; Plate VIIIf). 8894Y (“Bechervase”) {98/428}

RF	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 12.0 cm; Wd: 0.7 cm; H<sub>1</sub>: 15.0 + x cm; H<sub>2</sub>: 10 cm; VI: – Surface colour: 5YR 6/4 light reddish brown (slip).

Break: 7.5YR 4/2 brown core with 10R5/6 red and 7.5YR 6/6 reddish yellow oxidation zones.

Base flattened with finger; throwing lines inside and outside; scraping marks on base.

Surface: smoothed on the wheel (Find No. 25).

**No. 73** (Fig. 16g; Plate VIIId). 8895C (“Bechervase”) {98/440}

RF	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.5 cm; Wd: 0.6 cm; H<sub>1</sub>: 22.0 + x cm; H<sub>2</sub>: 6.3 cm; VI: – Surface colour: 5YR 6/6 reddish yellow (slip).

Break: 10YR 5/6 red core; 7.5YR6/6 reddish yellow oxidation zones.

Base flattened with finger; throwing lines inside; scraping marks on base.

Surface: smoothed on the wheel (Find No.9).

**No. 74** (Fig. 16h; Plate VIIIa). 8895S (“Bechervase”) {98/432}

RF	I-b-2	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 12.0 cm; Wd: 0.8 cm; H<sub>1</sub>: 10.8 + x cm; H<sub>2</sub>: 10.0 cm; VI: – Surface colour: 10R 5/6 red (slip).

Break: thick core, 2.5YR 4/1 dark reddish grey, with 10R 5/6 red oxidation zones.

Scraping marks on base.

Surface: smoothed on the wheel (Find No. 39).

**No. 75** (Fig. 16i) [115]; base, 1/1 preserved; Wd: 1.5 cm; base cut off the wheel and scraped smooth with a hole in the middle of the base.

– W<sub>2</sub>

– Nile B<sub>2</sub> fabric, uncoated ware, vertically-sided

**No. 76** (Fig. 16j; Plate IXe). 8894Q (“Bechervase”) {98/428}

TG	I-b-2	f-mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.0 cm; Wd: 0.6 cm; H<sub>1</sub>: 23.0 + x cm; H<sub>2</sub>: 6.5 cm; VI: – Surface colour: 10R 5/6 red.

Break: thick core, 2.5YR 3/1 dark reddish grey, with 10R 5/6 red oxidation zones.

Deformed; ridges inside and outside; scraping marks on base; base flattened with finger.

Surface: smoothed on the wheel (Find No. 50).

**No. 77** (Fig. 16k; Plate IXa). 8894R (“Bechervase”) {98/423}

TG	I-b-2	mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.0 cm; Wd: 0.9 cm; H<sub>1</sub>: 24.0 + x cm; H<sub>2</sub>: 7.0 cm; VI: – Surface colour: 2.5YR 5/8 red.

Break: 10R 5/6 red core with 10R 5/8 red oxidation zones.

Throwing lines outside and fine ridges inside; scraping marks on base.

Surface: smoothed on the wheel (Find No. 6).

**No. 78** (Fig. 17a). 8894U (“Bechervase”) {98/426}

TG	I-b-2	mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.0 cm; Wd: 0.7 cm; H<sub>1</sub>: 18.0 + x cm; H<sub>2</sub>: 7.0 cm; VI: – Surface colour: 2.5YR 5/6 red.

Break: 7.5YR 5/3 brown core with 7.5YR 5/6 strong brown oxidation zones.

Grooves inside and outside; whitish self-slip resulting from overfiring.

Surface: smoothed on the wheel (Find No. 57).

**No. 79** (Fig. 17b; Plate IXd). 8894Z (“Bechervase”) {98/418}

TG	I-b-2	mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.5 cm; Wd: 0.7 cm; H<sub>1</sub>: 17.0 + x cm; H<sub>2</sub>: 12.0 cm; VI: – Surface colour: 2.5YR 6/6 light red.

Break: 7.5YR 4/2 brown core with 10R 5/6 red and 7.5YR 6/6 reddish yellow oxidation zones.

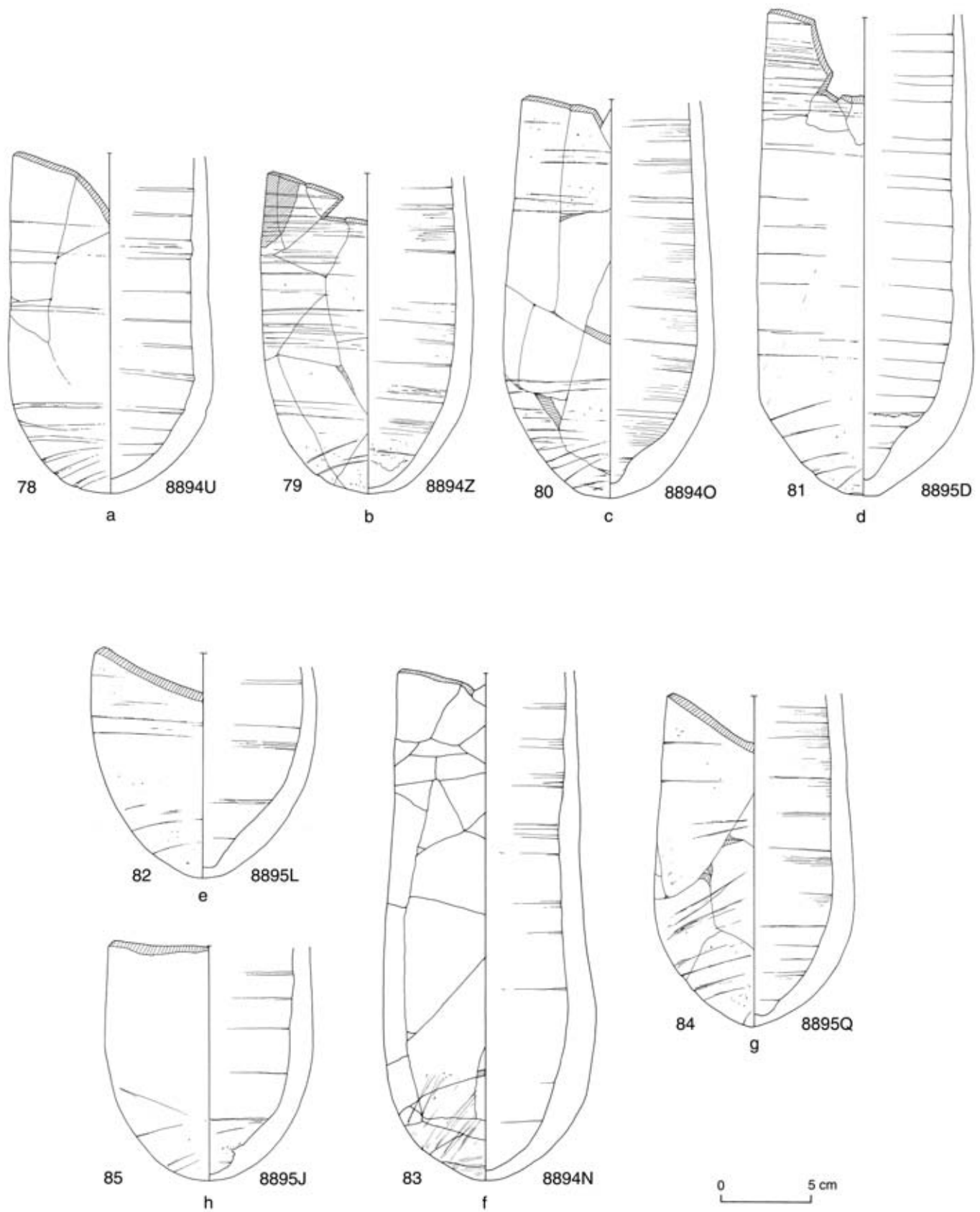


Fig. 17 Ceramic corpus of the late Hyksos period from L1016



Ridges inside and outside; clay pad at interior of base and scraping marks on exterior; red slip spread on part of the body.

Surface: smoothed on the wheel (Find No. 32).

**No. 80** (Fig. 17c). 8894O (“Bechervase”) {98/427}

TG	I-b-2	mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 12.5 cm; Wd: 0.6 cm; H<sub>1</sub>: 22.5 + x cm; H<sub>2</sub>: 8.5 cm; VI: – Surface colour: 10R 5/6 red.

Break: 10R 5/6 red.

Ridges on interior; scraped marks on exterior of base; overfired.

Surface: smoothed on the wheel (Find No. 35).

**No. 81** (Fig. 17d; Plate IXi). 8895D (“Bechervase”) {98/429}

TG	I-b-2	mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.5 cm; Wd: 0.7 cm; H<sub>1</sub>: 26.0 + x cm; H<sub>2</sub>: 11.0 cm; VI: – Surface colour: 10YR 6/6 brownish yellow.

Break: 2.5YR 6/6 light red core with 7.5YR 6/6 reddish yellow oxidation zones.

Vessel thrown in two parts and joined above the base as seen by the sledges of clay; ridges on upper part of body; scraping marks on base, flattened with finger.

Surface: smoothed on the wheel (Find No. 51).

**No. 82** (Fig. 17e). 8895L (“Vase”) {98/430}

TG	I-b-2	mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 12.5 cm; Wd: 0.95 cm; H<sub>1</sub>: 12.5 + x cm; H<sub>2</sub>: 9.0 cm; VI: – Surface colour: 2.5YR 5/6 red.

Break: 2.5YR 5/6 red.

Ridges on interior and exterior.

Surface: smoothed on the wheel (Find No. 24).

– Nile B<sub>2</sub> fabric, red-slipped ware, vertically-sided

**No. 83** (Fig. 17f; Plate IXc). 8894N (“Bechervase”) {98/439}

RF	I-b-2	mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.0 cm; Wd: 0.6 cm; H<sub>1</sub>: 29.0 + x cm; H<sub>2</sub>: 8.0 cm; VI: – Surface colour: slip 10R 5/6 red.

Break: 10R 5/6 red.

Ridges inside; scraping marks on base exterior; flattened with finger; overfired.

Surface: smoothed on the wheel (Find No. 8).

**No. 84** (Fig. 17g; Plate IXh). 8895Q (“Bechervase”) {98/435}

RF	I-b-2	mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.0 cm; Wd: 1.0 cm; H<sub>1</sub>: 18.3 + x cm; H<sub>2</sub>: 7.0 cm; VI: – Surface colour: 10R 6/6 light red (slip).

Break: thin core, 2.5YR 4/1 dark reddish grey, with 2.5YR 5/6 red oxidation zones.

Ridges inside and outside; scraped on base.

Surface: smoothed on the wheel (Find No. 53).

**No. 85** (Fig. 17h; Plate IXf). 8895J (“Bechervase”) {98/434}

RF	I-b-2	mi	W2	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 11.5 cm; Wd: 1.1 cm; H<sub>1</sub>: 16.0 + x cm; H<sub>2</sub>: 8.0 cm; VI: – Surface colour: 10R 5/6 red (slip).

Break: 2.5YR 5/1 reddish grey core with 2.5YR 6/4 weak red and 5YR 6/6 yellowish red oxidation zones.

Ridges inside; scraped on base.

Surface: smoothed on the wheel (Find No. 10).

#### A.1.1.2.4.2. Bag-shaped jars (“Sackförmige Vasen”) (Type Ib)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 86** (Fig. 18a; Plate Va). 8731T (“Sackförmige Vase”) {98/155}

TG	I-b-2	mi	W1	gesp. g.	ox	2
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Incomplete, fragmentary, mended; round base; rim not preserved.

Md: 18.0 cm; Wd: 0.8 cm; H<sub>1</sub>: 26.0 cm; H<sub>2</sub>: 10.5-11 cm; VI: – Surface colour: 5YR 6/6 reddish yellow.

Break: thick core, 2.5YR 5/5 red, with 5YR 5/4 reddish brown oxidation zones.

Base cut off the wheel and scraped smooth.

Surface: smoothed on the wheel.

**No. 87** (Fig. 18b; Plate VIIIb). 8895G (“Sackförmige Vase”) {98/437}

TG	I-b-2	mi	M	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved; round base.

Md: 14.5 cm; Wd: 1.0 cm; H<sub>1</sub>: 15.5 + x cm; H<sub>2</sub>: 6.0 cm; VI: – Surface colour: 2.5YR 6/6 light red-5/6 red.

Break: thick core, 2.5YR 4/1 dark reddish grey, with 2.5YR 6/6 light red oxidation zones.

Throwing lines inside; moulded base smoothed inside with finger and then coil-made.

Surface: smoothed on the wheel (Find No. 59).

**No. 88** (Fig. 18c) [87]; round base and body fragment; W<sub>1</sub>; base cut off the wheel and scraped smooth; throwing lines on interior.

#### A.1.1.2.4.3. Jars (“Vasen”) with everted direct rim (Type Ic)

– Direct rim, everted, vertically-sided

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 89** (Fig. 18d) [34]; rim sherd; Rd: 8.0 cm; 1/8; dark red-slipped band on rim and neck.

**No. 90** (Fig. 18e) [62]; rim sherd; Rd: 10.0 cm; 3/16; throwing lines on interior.

**No. 91** (Fig. 18f) [64]; rim sherd; Rd: 10.0 cm; 15/64.

**No. 92** (Fig. 18g) [32]; rim sherd; Rd: 12.0 cm; 1/16.

**No. 93** (Fig. 18h) [57]; rim sherd; Rd: 10.0 cm; 5/32.

**No. 94** (Fig. 18i) [137]; rim sherd; Rd: 10.0 cm 3/32; groove below rim.

– Nile B<sub>2</sub> fabric, red-slipped ware

**No. 95** (Fig. 18j) [132]; rim sherd; Rd: 14.0 cm; 1/32.

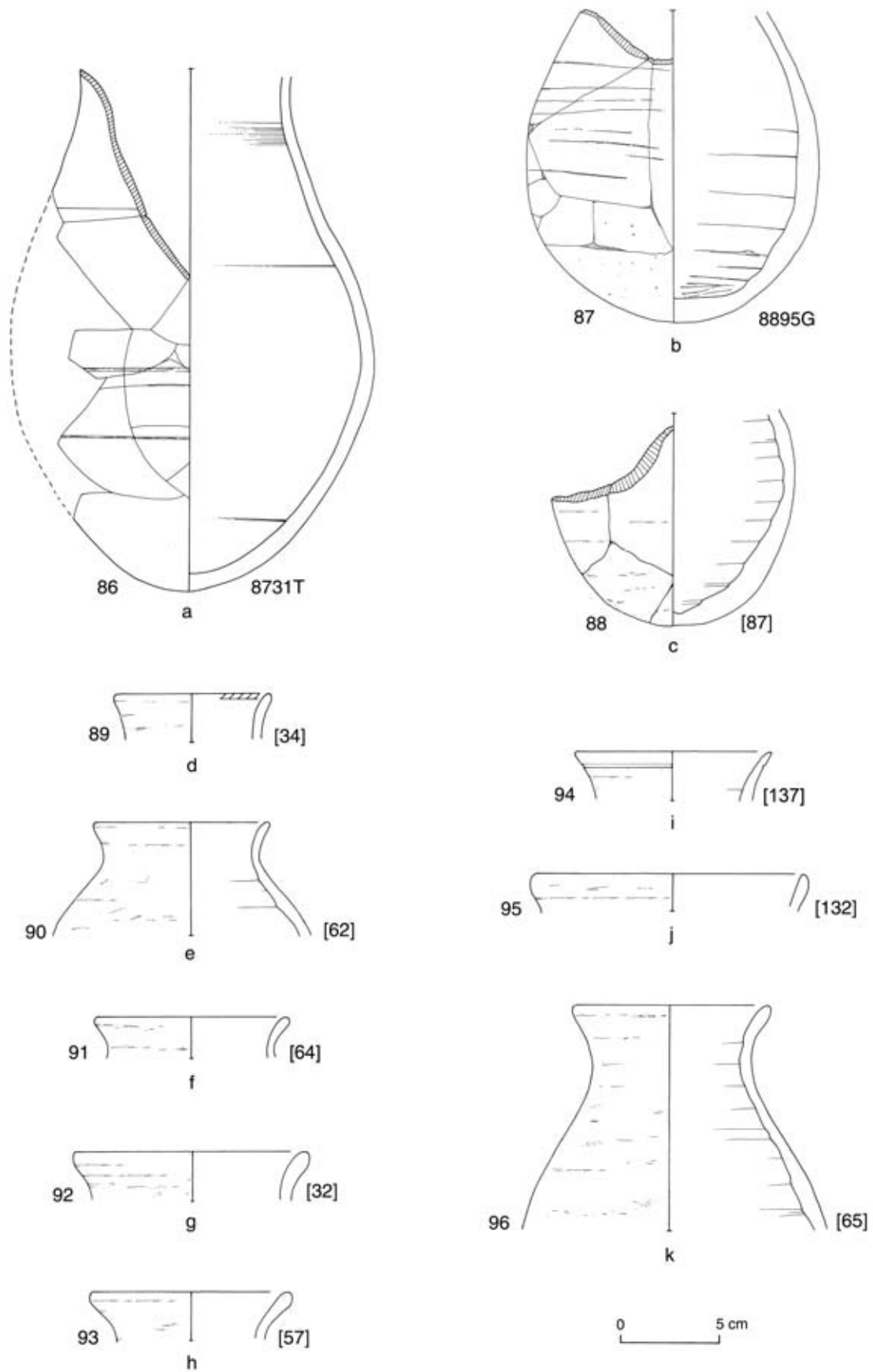


Fig. 18 Ceramic corpus of the late Hyksos period from L1016

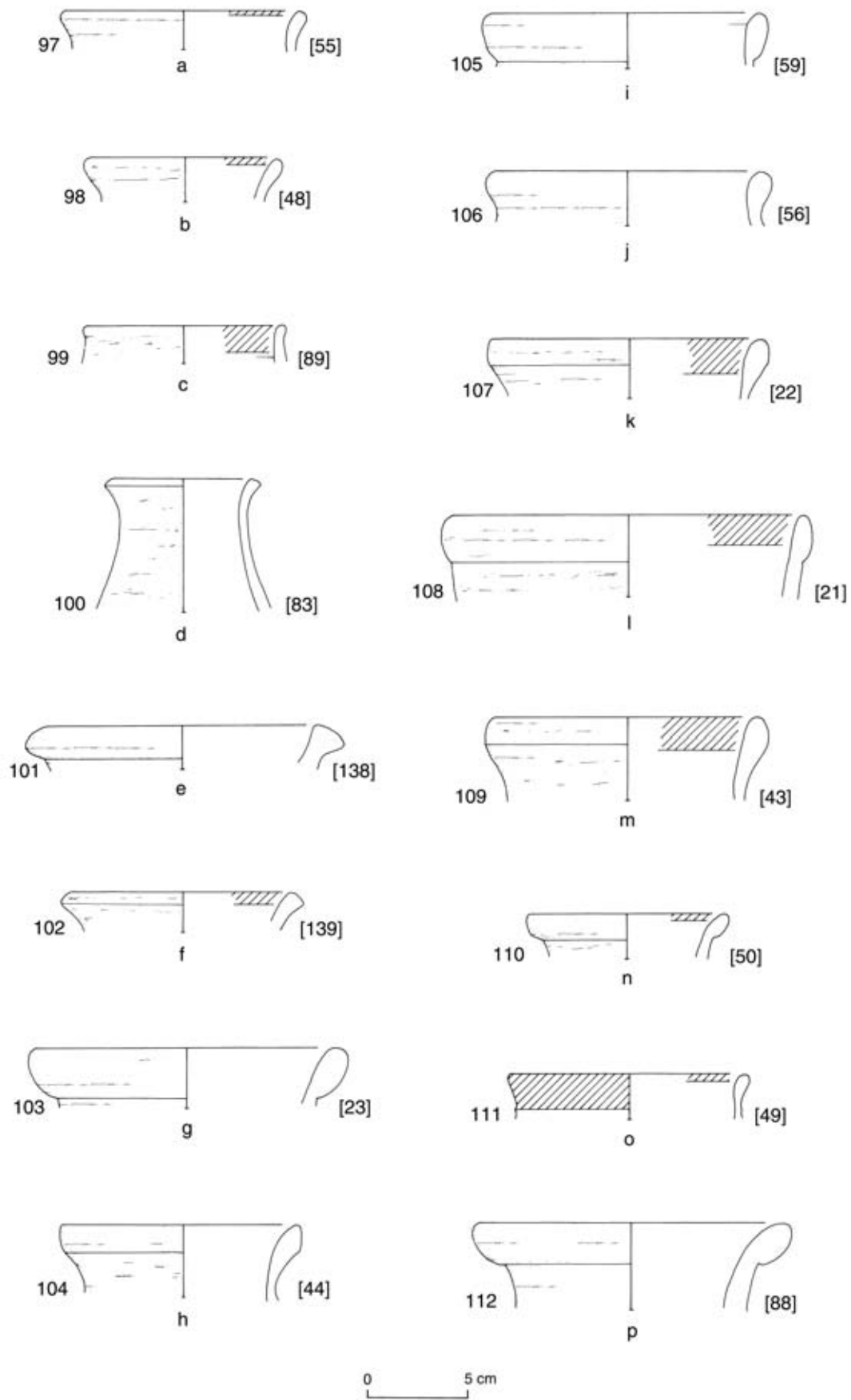


Fig. 19 Ceramic corpus of the late Hyksos period from L1016

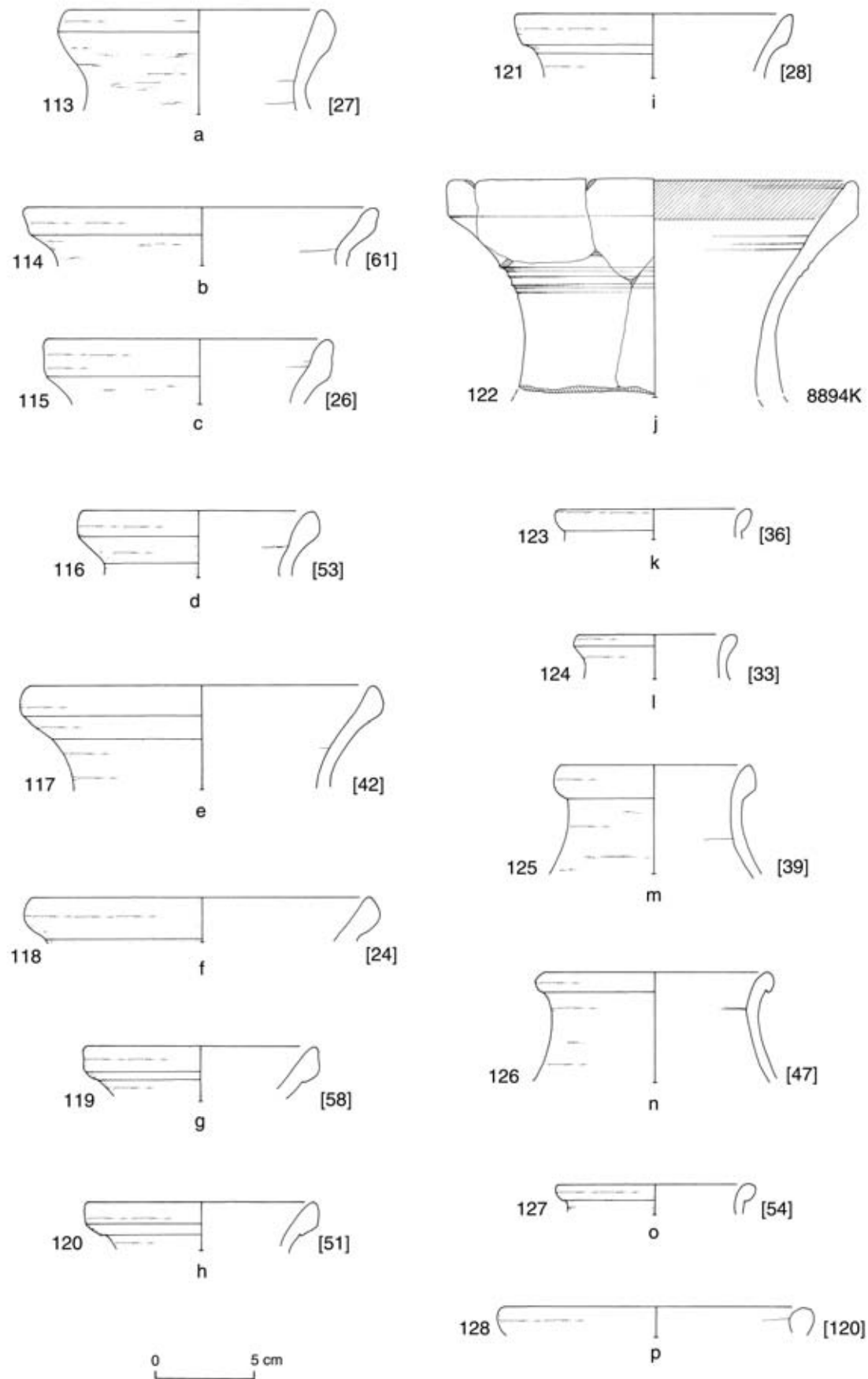


Fig. 20 Ceramic corpus of the late Hyksos period from L1016

**No. 96** (Fig. 18k) [65]; rim sherd; Rd: 10.0 cm; 3/32; groove on interior of body.

**No. 97** (Fig. 19a) [55]; rim sherd; Rd: 12.0 cm; 3/64; dark red-slipped band on rim and [neck].

**No. 98** (Fig. 19b) [48]; rim sherd; Rd: 10.0 cm; 3/32.

– Nile B<sub>2</sub> fabric, uncoated or red-slipped ware?

**No. 99** (Fig. 19c) [89]; rim sherd; Rd: 10 cm; 1/64; direct rim slightly everted; dark red-slipped rim band.

– Nile B<sub>2</sub> fabric, red-slipped ware, trimmed rim

**No. 100** (Fig. 19d) [83]; rim sherd; Rd: 7.0 cm?; eroded surface on rim and neck.

#### A.1.1.2.4.4. Jars with exterior lip (“Vasen. AL”) (Type Id)

##### A.1.1.2.4.4.1. Folded rim (Type Id<sub>1</sub>)

– Rim with lip flattened on the upper part

– Nile B<sub>2</sub> fabric, uncoated ware, vertically-sided

**No. 101** (Fig. 19e) [138]; rim sherd; Rd: 16 cm; 1/16; “sandwich” ware.

– Nile B<sub>2</sub> fabric uncoated or red-slipped ware?, vertically-sided

**No. 102** (Fig. 19f) [139]; rim sherd; Rd: 12 cm; 3/64; dark red-slipped band on rim and neck.

– Rounded lip

– Nile B<sub>2</sub>, fabric, uncoated ware, vertically-sided

**No. 103** (Fig. 19g) [23]; rim sherd; Rd: 16.0 cm; 3/32.

**No. 104** (Fig. 19h) [44]; rim sherd; Rd: 12.0 cm; 11/16; rim eroded.

**No. 105** (Fig. 19i) [59]; rim sherd; Rd: 14.0 cm; 1/16.

**No. 106** (Fig. 19j) [56]; rim sherd; Rd: 14.0 cm; 1/16.

– Nile B<sub>2</sub>, fabric, red-slipped ware, vertically-sided

**No. 107** (Fig. 19k) [22]; rim sherd; Rd: 14.0 cm; 1/8.

**No. 108** (Fig. 19l) [21]; rim sherd; Rd: 18.0 cm; 1/16.

**No. 109** (Fig. 19m) [43]; rim sherd; Rd: 14.0 cm; 7/32.

**No. 110** (Fig. 19n) [50]; rim sherd; Rd: 10.0 cm; 5/32; dark red-slipped rim band.

**No. 111** (Fig. 19o) [49]; rim sherd; Rd: 12.0 cm; 3/32.

– Nile C<sub>1</sub>, fabric, uncoated ware, vertically-sided

**No. 112** (Fig. 19p) [88]; rim sherd; Rd: 16.0 cm 3/32; rim eroded on interior.

– **Folded and trimmed rim**

– Nile B<sub>2</sub> fabric, uncoated ware, vertically-sided

**No. 113** (Fig. 20a) [27]; rim sherd; Rd: 14.0 cm; 7/32; slightly trimmed, red-slipped rim band.

**No. 114** (Fig. 20b) [61]; rim sherd; Rd: 18.0 cm; 1/8; slightly trimmed, red-slipped rim band.

**No. 115** (Fig. 20c) [26]; rim sherd; Rd: 16.0 cm; 5/64; slightly trimmed.

**No. 116** (Fig. 20d) [53]; rim sherd; Rd: 12.0 cm; 5/32.

**No. 117** (Fig. 20e) [42]; rim sherd; Rd: 18.0 cm; 3/8; slightly trimmed.

**No. 118** (Fig. 20f) [24]; rim sherd; Rd: 18.0 cm; 7/64; slightly trimmed.

**No. 119** (Fig. 20g) [58]; rim sherd; Rd: 18.0 cm; 3/32; slightly trimmed.

**No. 120** (Fig. 20h) [51]; rim sherd; Rd: 12.0 cm; 1/16; trimmed lip.

**No. 121** (Fig. 20i) [28]; rim sherd; Rd: 14.0 cm; 7/32; trimmed lip.

– Nile B<sub>2</sub> fabric, red-slipped ware

**No. 122** (Fig. 20j; Plate VIIIe). 8894K (“Vase”) {98/412}

RF	I-b-2	mi	W1	–	ox	2
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Incomplete, fragmentary, mended; rim and neck preserved; exterior lip trimmed.

Rd: 20.5 cm; Wd: 1.3 cm; H<sub>3</sub>: 11.2 cm; VI: –

Surface colour: slip 10R 5/4 weak red.

Break: 2.5YR 5/1 reddish grey core with 10R 5/8 red oxidation zones.

Three grooves on neck; slip forms red band on rim inside.

Surface: smoothed on the wheel (Find No. 30).

##### A.1.1.2.4.4.2. Rolled rim (Type Id<sub>2</sub>)

– Nile B<sub>2</sub>, fabric, uncoated ware, vertically-sided

**No. 123** (Fig. 20k) [36]; rim sherd; Rd: 10.0 cm; 3/64.

**No. 124** (Fig. 20l) [33]; rim sherd; Rd: 10.0 cm; 3/64.

**No. 125** (Fig. 20m) [39]; rim sherd; Rd: 10.0 cm; 13/32.

**No. 126** (Fig. 20n) [47]; rim sherd; Rd: 12.0 cm; 11/32.

**No. 127** (Fig. 20o) [54]; rim sherd; Rd: 10.0 cm; 3/32.

**No. 128** (Fig. 20p) [120]; rim sherd; Rd: 16.0 cm; 5/64; throwing line inside below rim.

– Nile B<sub>2</sub> fabric, red-slipped ware, vertically-sided

**No. 129** (Fig. 21a) [35]; rim sherd Rd: 10.0 cm; 1/16; dark red-slipped band on rim and neck.

**No. 130** (Fig. 21b) [46]; rim sherd; Rd: 10.0 cm; 1/32; dark red-slipped band on rim and neck.

**No. 131** (Fig. 21c) [52]; rim sherd; Rd: 10.0 cm; 1/8; dark red-slipped band on rim and neck.

#### A.1.1.2.4.5. Jars with interior and exterior lip (“Vasen. IL+AL”) (Type Ie)

– Nile B<sub>2</sub> fabric, uncoated ware, vertically-sided

**No. 132** (Fig. 21d) [30]; rim sherd; Rd: 14.0 cm; 5/32.

**No. 133** (Fig. 21e) [45]; rim sherd; Rd: 12.0 cm; 5/32.

##### A.1.1.2.4.6. Imitations of “zirs” (Type If)

– Nile B<sub>2</sub> fabric, uncoated, vertically-sided

**No. 134** (Fig. 21f) [25]; rim sherd; Rd: 18.0 cm; 3/16; trimmed rim; red-slipped rim band partially preserved.

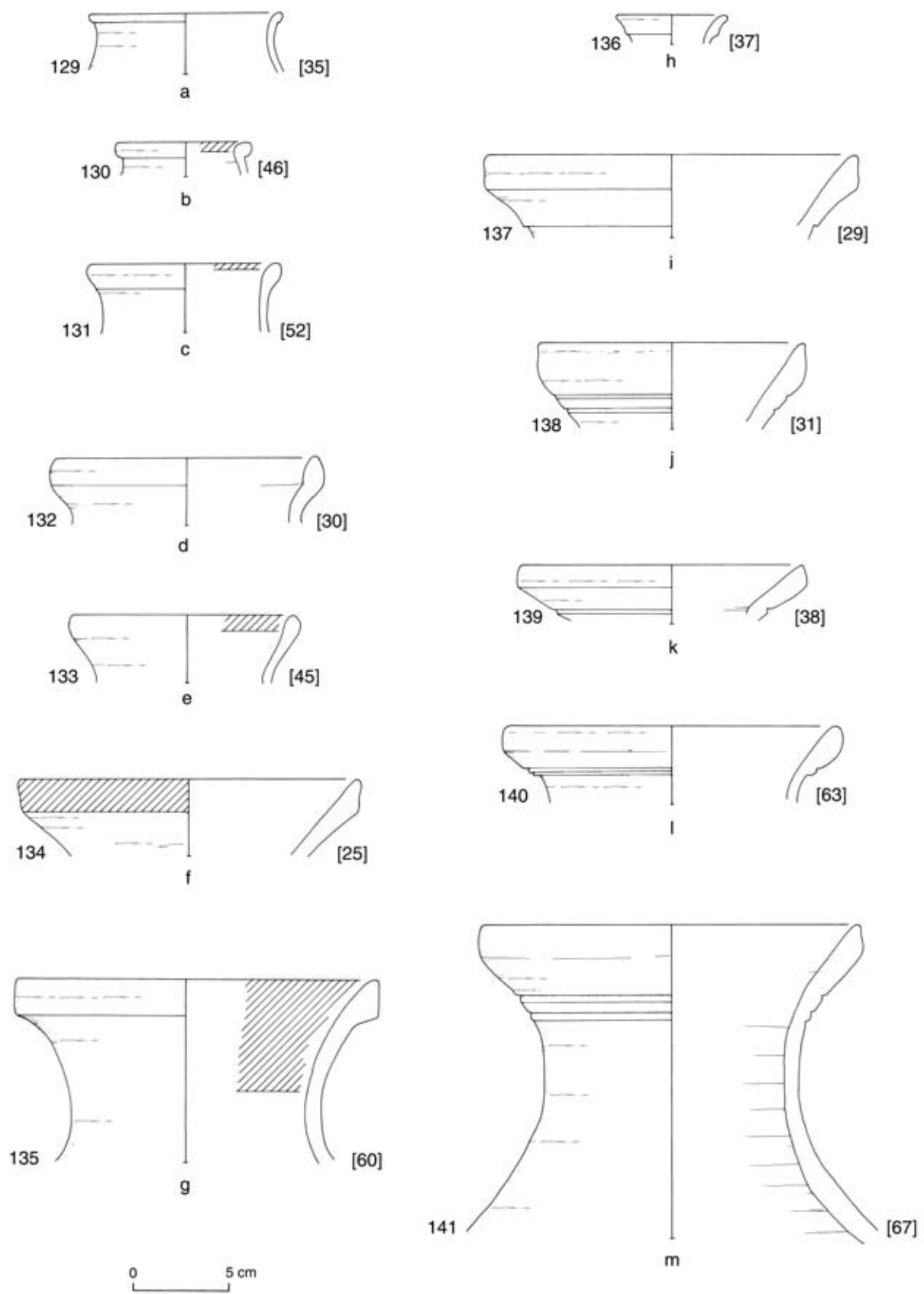


Fig. 21 Ceramic corpus of the late Hyksos period from L1016



– Nile B<sub>2</sub> fabric, red-slipped ware, vertically-sided

**No. 135** (Fig. 21g) [60]; rim sherd; Rd: 20.0 cm 3/8; trimmed rim; eroded surface on the exterior.

#### A.1.1.2.4.7. Jars (“Vasen”) with complex rim (Type Ig)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 136** (Fig. 21h) [37]; rim sherd; Rd: 6.0 cm; 3/32.

**No. 137** (Fig. 21i) [29]; rim sherd; Rd: 20.0 cm; 3/32; groove below lip.

**No. 138** (Fig. 21j) [31]; rim sherd; Rd: 14.0 cm; 7/64; two grooves below lip.

**No. 139** (Fig. 21k) [38]; rim sherd; Rd: 16.0 cm; 3/32; groove below trimmed rim.

**No. 140** (Fig. 21l) [63]; rim sherd; Rd: 18.0 cm; 3/16; two grooves below lip.

**No. 141** (Fig. 21m) [67]; rim sherd; Rd: 20.0 cm; 11/32; three grooves below lip.

#### A.1.1.2.5. Stands (“Ständer”) (Type J)

##### A.1.1.2.5.1. Potstands (“Ringständer”)

– Rim not preserved

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 142** (Fig. 22a; Plate Vh). 8840D (“Ringständer”) {98/146}

TG	I-b-2	mi	W1	abg.	ox	2
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Incomplete, fragmentary, mended; 1/2 preserved.

Bd: 7.0 cm; Wd: 1.0 cm; H<sub>1</sub>: 3.1 + x cm; VI: –

Surface colour: 2.5YR 6/8 light red.

Break: light grey core with light red oxidation zones.

Eroded base; thumb mark inside above base.

Surface: smoothed on the wheel.

**No. 143** (Fig. 22b) [140]; base sherd; Bd: 12.0 cm; 5/16.

##### A.1.1.2.5.1.1. Low type, with direct rim (Type Ja<sub>1</sub>)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 144** (Fig. 22c; Plate Vg). 8732P (“Ringständer”) {98/146}

TG	I-b-2	mi	W1	abg.	ox	2
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Complete, fragmentary, mended; direct rim, base with lip; rim 1/2 and base 1/1 preserved.

Rd: 9cm; Nd: 5.6; Bd: 9.5; Wd: 0.7; H<sub>1</sub>: 3.4-3.6 cm; VI: 271.

Surface colour: 10R 5/6 red.

Break: thick core, 2.5YR 5/6 red, with 2.5YR 5/8 red oxidation zones.

Throwing lines on interior.

Surface: smoothed on the wheel (Find No. 16).

##### A.1.1.2.5.1.2. Low type, with lip (Type Ja<sub>2</sub>)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 145** (Fig. 22d; Plate Vi). 8732O (“Ringständer”) {98/138}

TG	I-b-2	mi	W1	abg.	ox	2-3
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Complete, fragmentary, mended; direct rim, base with lip; rim 1/2 and base 3/4 preserved.

Rd: 9.0 cm; Nd: 4.9 cm; Bd: 10.0 cm; Wd: 0.5 cm; H<sub>1</sub>: 5.3-5.5 cm; VI: 185.

Surface colour: 10R 5/6 red.

Break: thick core, 5YR 5/1 grey, with 5YR 5/8 yellowish red oxidation zones.

Base with trimmed tip; soot on rim inside and outside, and on neck.

Surface: smoothed on the wheel (Find No. 37).

**No. 146** (Fig. 22e; Plate Vf). 8840C (“Ringständer”) {98/146}

TG	I-b-2	mi	W1	abg.	ox	2
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Complete, fragmentary, mended; 1/4 preserved; direct rim

Rd: 12.0 cm; Bd: 13.0 cm; Wd: 0.9 cm; H<sub>1</sub>: 6.2 cm; VI: 210.

Surface colour: 7.5YR 6/4 light brown.

Break: 7.5YR N/5 grey core with 7.5YR 5/4 brown oxidation zones.

Surface: smoothed on the wheel.

**No. 147** (Fig. 22f) [68]; rim sherd; Rd: 12.0 cm; 5/32.

#### A.1.2. Domestic pottery in marl clays

##### A.1.2.1. Carinated bowls (“Knickwandschalen”) (Type UU)

###### A.1.2.1.2. Ring base (Type UU<sub>2</sub>)

– Marl F fabric, W<sub>2</sub>, ring base (R<sub>2</sub>)

**No. 148** (Fig. 22g; Plate Xd). 8894J (“Knickwandschalen”) {98/414}

TG	II-f	f-mi	W2	gef. (W)	ox	3
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Complete, fragmentary, mended.

Rd: 12.5 cm; 1/16; Md: 13.0 cm; Bd: 4.2 cm; Wd: 0.6 cm; H<sub>1</sub>: 6.5 cm; H<sub>2</sub>: 4.0 cm; VI: –

Surface colour: 7.5YR 7/3 pink.

Break: thick core, 10YR 5/1 grey, with 2.5YR 5/4 red oxidation zones.

Base made on the wheel.

Surface: well-smoothed on the wheel (Find No. 1).

– Marl F fabric

**No. 149** (Fig. 22h) [156]; rim sherd; Rd: 20.0 cm; 1/32.

##### A.1.2.2. Bowls with complex rim (“Schüsseln”) (Type K)

– Body fragments

– Marl F fabric

**No. 150** [141]; Wd: 0.9 cm; (0.15 dm<sup>2</sup>); W<sub>1</sub>.

###### A.1.2.2.1. Carinated Bowls

– Marl F fabric, W<sub>2</sub>, with flat base, rim not preserved

**No. 151** (Fig. 22i) [103]; base fragment; Bd: 11.0 cm; 1/4.

**No. 152** [153]; Wd: 0.6 cm; (0.24 dm<sup>2</sup>); well-smoothed surface, reddish interior.

##### A.1.2.3. Jars (“Vasen”) (Type L)

###### A.1.2.3.2. With lip (Type La<sub>1</sub>)

– Marl F fabric, W<sub>1</sub>, vertically-sided



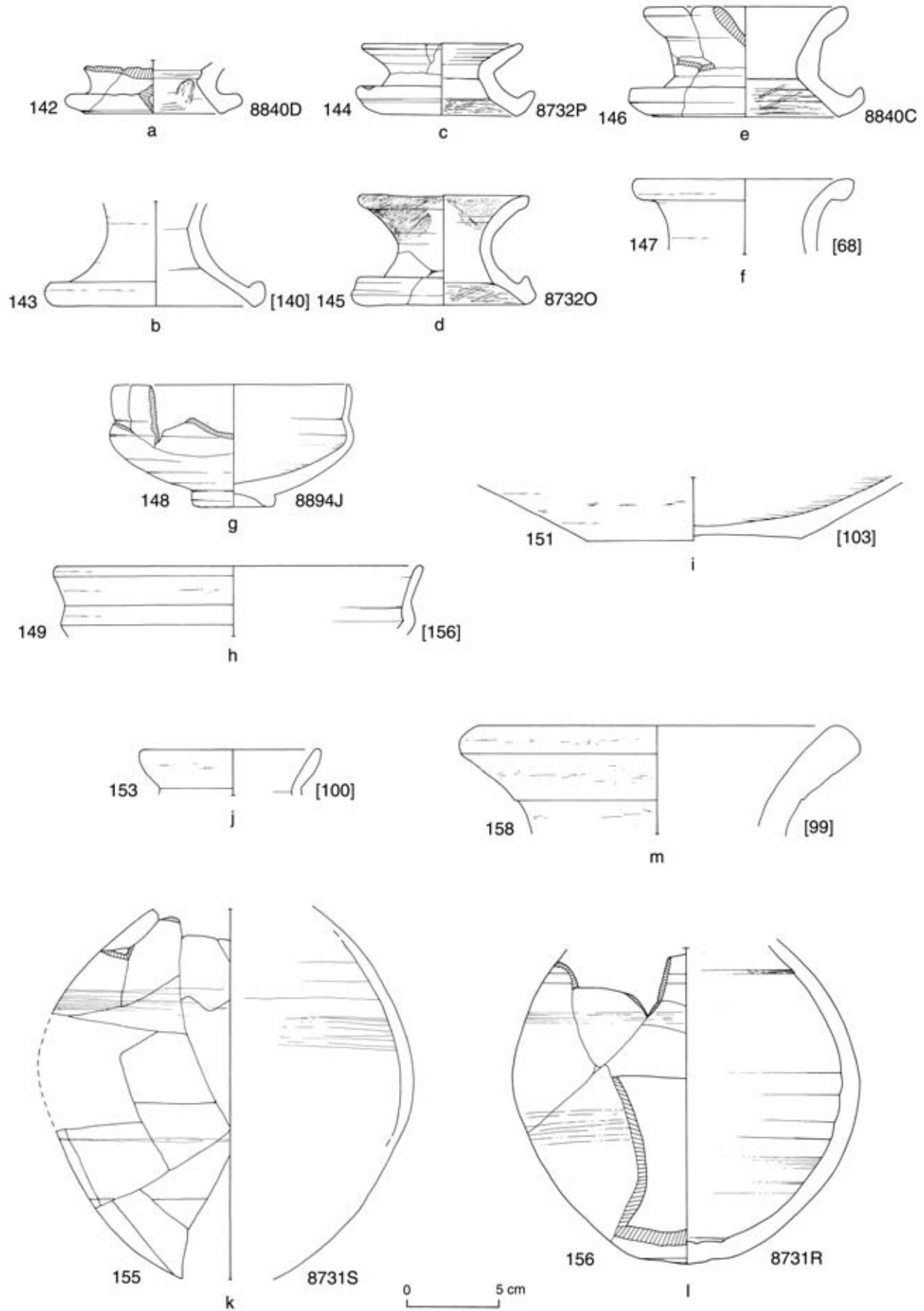


Fig. 22 Ceramic corpus of the late Hyksos period from L1016

**No. 153** (Fig. 22j) [100]; rim sherd; Rd: 10.0 cm; 1/8.

**No. 154** [142]; two body sherds; Wd: 0.7 cm; these sherds could belong to No. 153.

#### A.1.2.3.3. Jars, globular shape (Type La<sub>2</sub>)

– Marl F fabric

**No. 155** (Fig. 22k; Plate XIc). 8731S (“Vase”) {98/244}

TG	II-f	mi	W2	—	ox	3
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Incomplete, fragmentary, mended; globular shape; rim and base not preserved.

Md: ca. 21.5 cm; Wd: 0.55 cm; H<sub>1</sub>: 17.5 cm; + x: VI: –  
Surface colour: 10YR 8/2 white.

Break: 7.5YR 6/4 light brown.

Ridges inside; self-slip resulting from overfiring.

Surface: smoothed on the wheel (Find No. 11).<sup>66</sup>

– **Round base**

– Marl F fabric, W<sub>2</sub>

**No. 156** (Fig. 22l; Plate XIa). 8731R (“Vase”) {98/153}

TG	II-f	mi	W2	gesp. g.	ox	3
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Incomplete, fragmentary, mended; round base, rim lacking  
Md: 17.5 cm; Wd: 0.65 cm; H<sub>1</sub>: 17.5 cm; + x; H<sub>2</sub>: 9.0 cm; VI: –  
Surface colour: 2.5YR 7/2 light grey.

Break: 10YR 7/3 very pale brown.

Ridges inside.

Surface: smoothed on the wheel (Find No. 11).<sup>67</sup>

**No. 157** [154]; body fragments; Wd: 1.0 cm; (0.24 dm<sup>2</sup>).

#### A.1.2.3.4. “Zirs” (Type Lb)

– Marl C<sub>2</sub> fabric, vertically-sided

**No. 158** (Fig. 22m) [99]; rim sherd; Rd: 22.0 cm; 1/4.

**No. 159** [143]; body fragments; Wd: 2.4 cm; (0.16 dm<sup>2</sup>); fragments may belong to No. 158.

### A.3. Votive pottery

#### A.3.1. Model bowls (“Modellschalen”) (Type O)

– Nile B<sub>2</sub> fabric, uncoated ware, convex-sided

**No. 160** (Fig. 23a) [147]; rim sherd; Rd: 10.0 cm; 5/16.

**No. 161** (Fig. 23b) [146]; rim sherd; Rd: 14.0 cm; 1/16.

#### A.3.1.2. Model bowls with wobbly base (“W-Boden”) (Type Ob)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 162** (Fig. 23c; Plate Vc). 8840E (“Modellschale”) {98/147}

TG	I-b-2	mi	W1	abg. g.	ox	2
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Complete, fragmentary, mended; rim 1/2 and base 1/1 preserved.

Rd: 10.0 cm; Bd: 4.0 cm; Wd: 0.5 cm; H<sub>1</sub>: 3.5-4.2 cm; VI: 260.  
Surface colour: 5YR 7/4 pink.

Break: 5YR 4/1 dark grey core with 5YR 5/6 yellowish red oxidation zones.

Soot on rim (used as an oil lamp).

Surface: smoothed on the wheel.

#### A.3.1.3. Model bowls with flat base (“S-Boden”) (Type Oc)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 163** (Fig. 23d; Plate Vd). 8732C (“Modellschale”) {98/81}

TG	I-b-2	mi	W1	abg. g.	ox	2
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Complete, fragmentary, mended; base 1/1, rim 7/16 preserved.

Rd: 10.0 cm; Bd: 4.0 cm; Wd: 0.5 cm; H<sub>1</sub>: 3.3-3.5 cm; VI: 294.  
Surface colour: 5YR 7/4 pink inside; 2.5YR 6/6 light red outside.

Break: 5YR 5/1 grey core with 2.5YR 6/6 light red oxidation zones.

Base cut off with string; soot on rim (used as an oil lamp).

Surface: smoothed on the wheel (Find No. 22).

<sup>66</sup> The jars Nos. 215 to 218 have the same find number because they were found broken and considered as a single vessel. For the shape see Inv. No. 8497R, from H/V-I/15, Locus 2, Find No. 53.

<sup>67</sup> See Inv. No. 8494X, from H/V-m/15, Locus 2, Find No. 112.



**B. CORPUS B (MIDDLE BRONZE AGE SHAPES)****B.1. Local pottery****B.1.1. Domestic pottery****B.1.1.1. Domestic pottery in Nile silt clays****B.1.1.1.1. Fine ware****B.1.1.1.1.4. Juglets (Type U)****B.1.1.1.1.4.3. Dipper juglets (“Schöpfkannen”) (Type Uc)**

– Nile B<sub>2</sub> fabric, red-slipped burnished ware, W<sub>2</sub>

**No. 164** (Fig. 23e) [114]; neck sherd; Wd: 0.4 cm; H<sub>3</sub>: 4.0 + x cm; vertically burnished.

**No. 165** (Fig. 23f) [95]; shoulder fragment; Wd: 0.4 cm.

**No. 166** (Fig. 23g) [149]; rim and upper part of handle, oval in section; Rd: 4.0 cm; 1/4; H<sub>3</sub>: 2.6 + x cm; Hd: 1.2 × 1.0 cm;

**No. 167** (Fig. 23h) [150]; fragment of upper part of handle, oval in section; Hd: 1.2 × 1.0 cm.

**No. 168** (Fig. 23i) [151]; fragment of lower part of handle, oval in section; Hd: 1.1 × 0.9 cm.

**No. 169** (Fig. 23j) [152]; body sherd; Wd: 0.5 cm.

– Nile B<sub>2</sub> fabric, red-slipped burnished ware, W<sub>2</sub>, angular shoulder

**No. 170** (Fig. 23k) [91]; base 1/1, part of the body, neck,

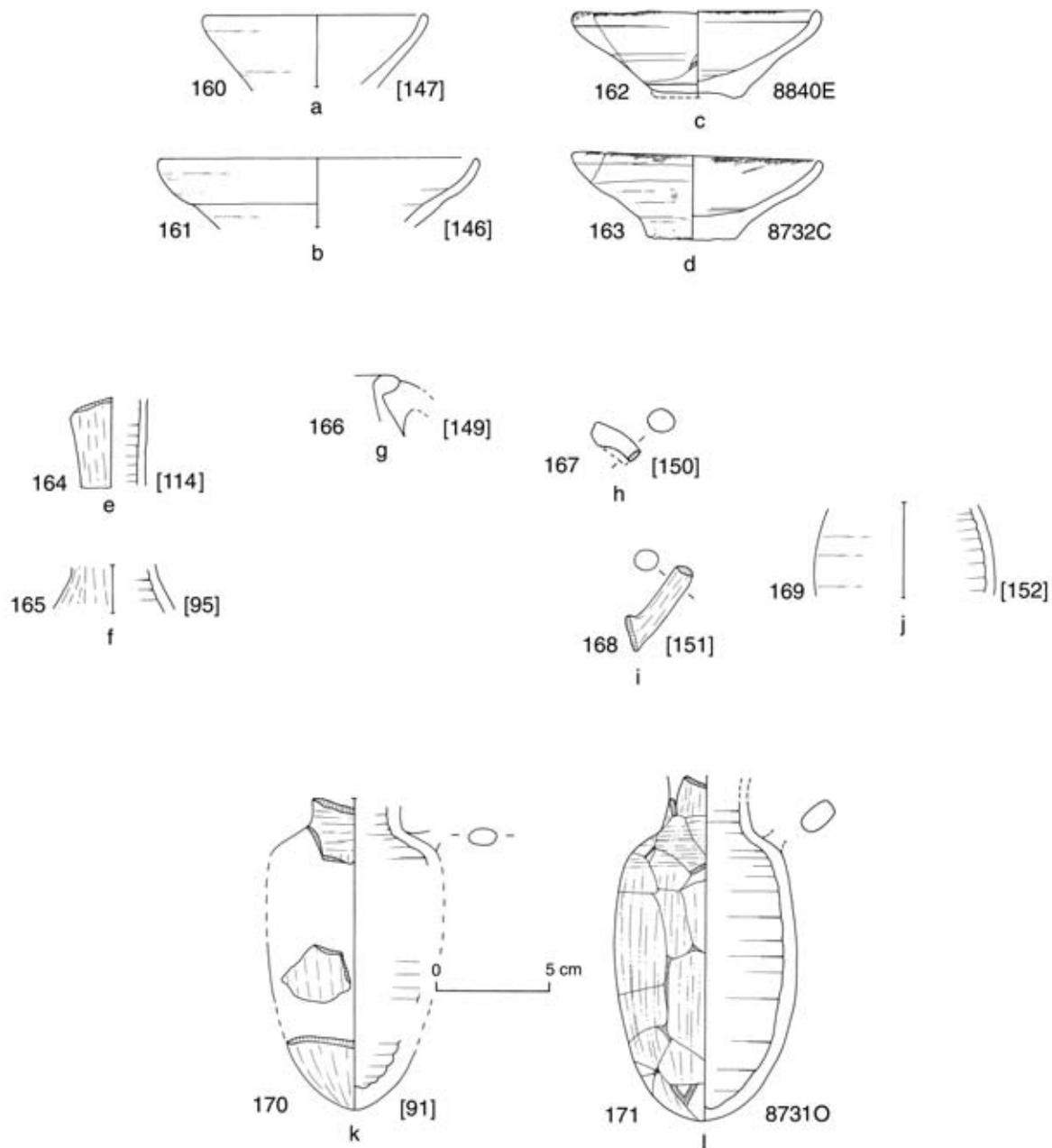


Fig. 23 Ceramic corpus of the late Hyksos period from L1016

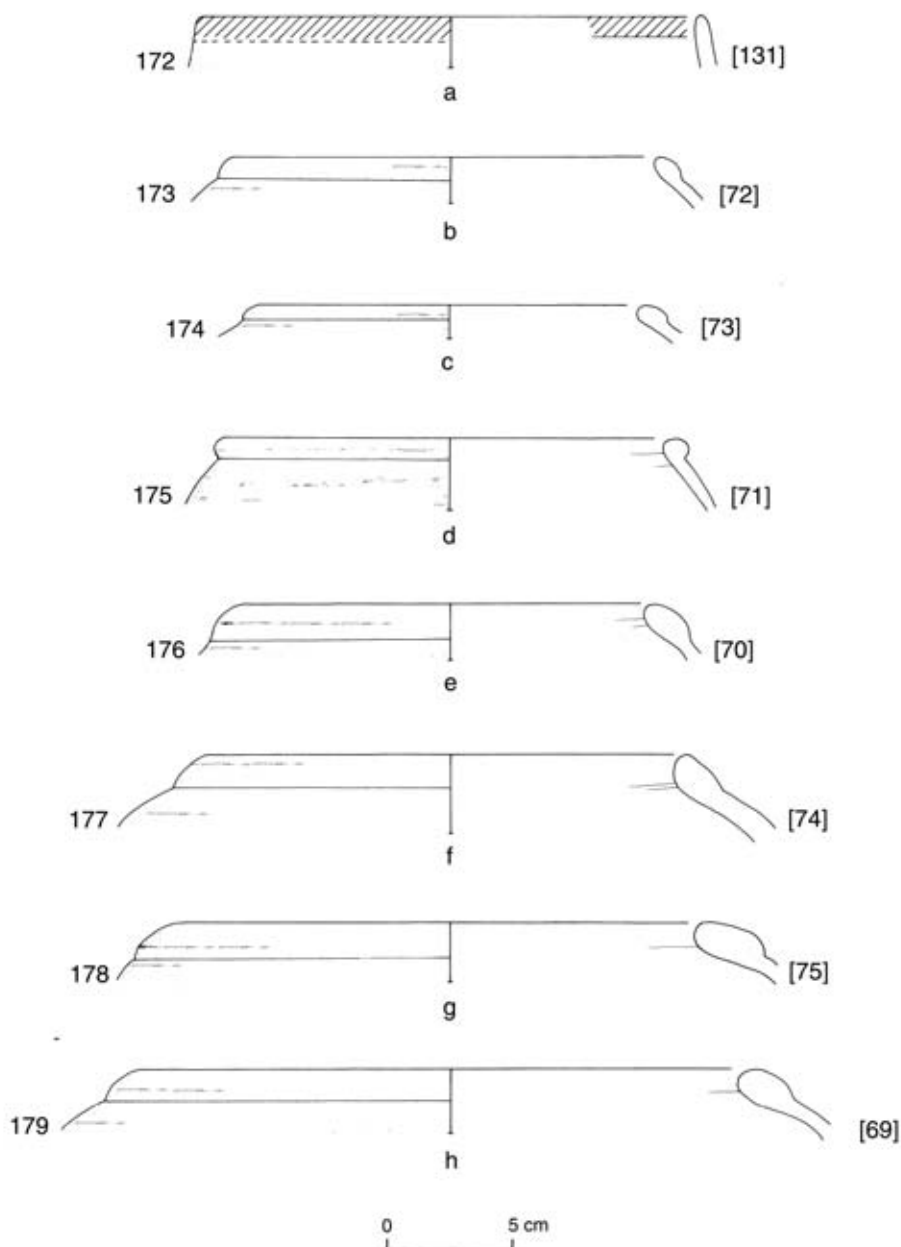


Fig. 24 Ceramic corpus of the late Hyksos period from L1016

shoulder and handle preserved; handle oval in section, 1.2 × 0.75 cm; Burnished surface: horizontally on the shoulder and neck, vertically on the body and base.

**No. 171** (Fig. 23l; Plate Ve). 8731O (“Schöpfkanne”) {98/81}

RP	I-b-2	f-mi	W2	gesp. g.	ox	3
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Incomplete, fragmentary, mended; no rim or handle preserved.

Nd: 3.5 cm; Md: 8.0 cm; Wd: 0.6 cm; H<sub>1</sub>: 15 + x cm; H<sub>2</sub>: 6.5 cm; H<sub>3</sub>: 2.0 + x cm; VI: –

Surface colour: 10R 6/6 light red (burnished slip).

Break: 2.5YR 5/6 red core with 2.5YR 5/6 red oxidation zones. Round base; only the swelling of the handle is preserved, possibly oval in section.

Surface: burnished vertically with a pebble (Find No. 13).

#### B.1.1.1.2. General household ware

##### B.1.1.1.2.5. Cooking pots (“Kochtöpfe”) (Type Y)

– Nile B<sub>2</sub> fabric, uncoated ware, W<sub>2</sub>, deep bowl, direct rim, convex sidewalls

**No. 172** (Fig. 24a) [131]; rim sherd; Rd: 20.0 cm; 1/32; dark red-slipped rim band on exterior and interior, slightly preserved.

##### B.1.1.1.2.5.1. Cooking pots, holemouth type (Type Y<sub>1</sub>)

– Nile B<sub>2</sub> fabric, uncoated ware, W<sub>2</sub>, folded rim

**No. 173** (Fig. 24b) [72]; rim sherd; Rd: 18.0 cm; 1/16.

**No. 174** (Fig. 24c) [73]; rim sherd; Rd: 16.0 cm; 5/64.

**No. 175** (Fig. 24d) [71]; rim sherd; Rd: 19.0 cm; 7/64.

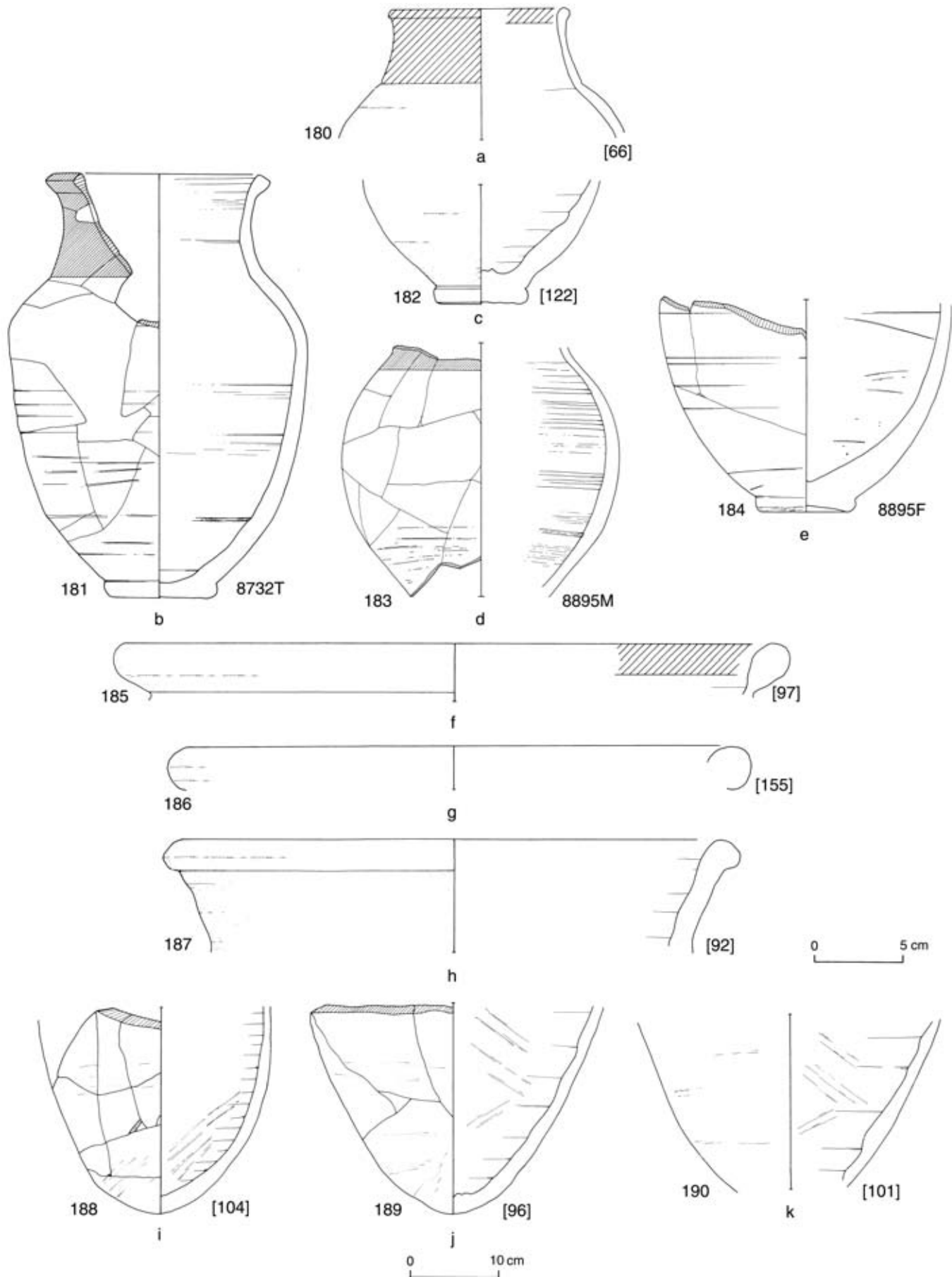


Fig. 25 Ceramic corpus of the late Hyksos period from L1016

– Nile E<sub>2</sub> fabric, uncoated ware, W<sub>2</sub>, folded rim

**No. 176** (Fig. 24e) [70]; rim sherd; Rd: 18.0 cm; 3/32.

**No. 177** (Fig. 24f) [74]; rim sherd; Rd: 20.0 cm; 3/64.

**No. 178** (Fig. 24g) [75]; rim sherd; Rd: 24.0 cm; 3/16.

**No. 179** (Fig. 24h) [69]; rim sherd; Rd: 26.0 cm; 3/32.

### B.1.1.1.2.7. Storage jars (“Vorratgefäße”) (Type AA)

#### B.1.1.1.2.7.1. Medium size (Type AA<sub>1</sub>)

– Nile B<sub>2</sub> fabric, uncoated ware, rolled rim, [ring base]

**No. 180** (Fig. 25a) [66]; rim sherd; Rd: 10.0 cm 9/32; dark red-slipped rim (interior and exterior) and neck.

– Nile B<sub>2</sub> fabric, uncoated ware, rolled and trimmed rim, ring base

**No. 181** (Fig. 25b; Plate Vb). 8732T (“Vorratgefäß”) (98/156)

RF	I-e-1	mi	W2	–	ox	2

Incomplete, fragmentary, mended; ring base; rim 5/32 and base 1/1 preserved.

Rd: 10cm; Nd: 9.0 cm; Md: 17.0 cm; Bd: 6.0 cm; Wd: 0.85 cm; H<sub>1</sub>: 22.0 cm; H<sub>2</sub>: 13.5 cm; H<sub>3</sub>: 4.0 + x cm; VI: 77.

Surface colour: 2.5YR 6/6 light red; slipped band: 10R3/6 dark red.

Break: 2.5YR 4/6 red core with 2.5YR 5/6 red oxidation zones.

Throwing lines on exterior and interior; dark red-slipped band on rim and neck.

Surface: smoothed on the wheel.

– Nile B<sub>2</sub> fabric, uncoated ware, ring base

**No. 182** (Fig. 25c) [122]; base fragment; Bd: 5.0 cm 1/1; W<sub>2</sub>; surface very well smoothed.

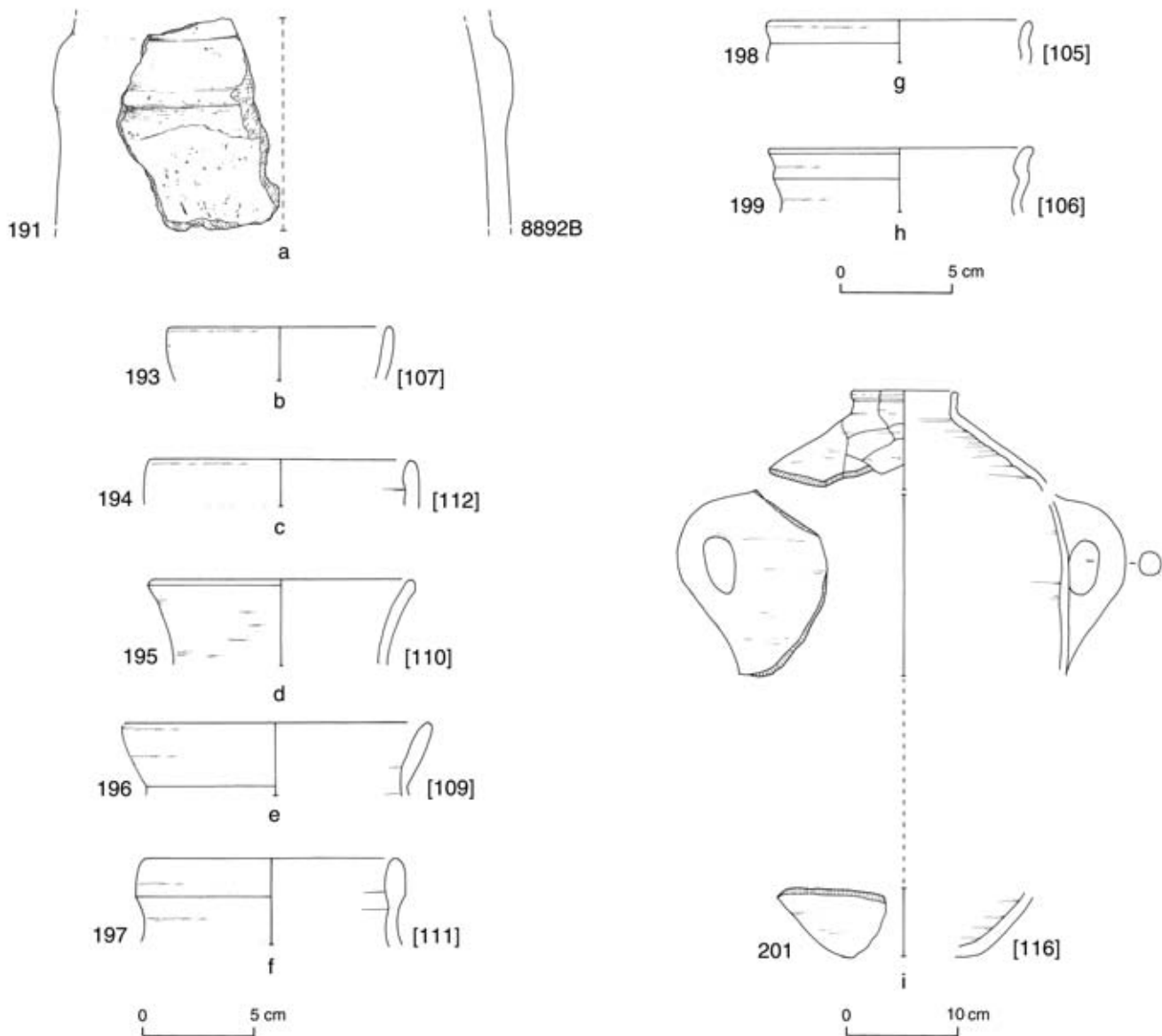


Fig. 26 Ceramic corpus of the late Hyksos period from L1016



### B.1.1.1.2.7.1.1. Jar (“Vase”) with globular shape (Type AA<sub>1a</sub>)

– Nile E<sub>1</sub> fabric, red-slipped ware

**No. 183** (Fig. 25d; Plate Xe). 8895M (“Vase”) {98/485}

Incomplete, fragmentary, mended; shoulder and body preserved.

Md: 15.3 cm; Wd: 0.8 cm; H<sub>1</sub>: 14.0 + x cm; VI: –

Surface colour: slip 10R 5/8 red.

Break: thick core, 2.5YR 4/6 red, with thin oxidation zones, 2.5YR 5/6 red.

Ridges inside; dark red-slipped band (10R 4/4 weak) on [rim] and shoulder.

Surface: smoothed on the wheel (Find No. 31).

### B.1.1.1.2.7.1.2. Jars (“Vasen”) with ring base (Type AA<sub>1b</sub>)

– Nile B<sub>2</sub> fabric, uncoated ware, ring base (R<sub>2</sub>), W<sub>1</sub>

**No. 184** (Fig. 25e; Plate Xf). 8895F (“Vase”) {98/414}

TG	I-b-2	mi	W1	gef. (W)	ox	2
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Incomplete, fragmentary, mended; base and body preserved.

Md: 16.0 cm; Bd: 5.0 cm; Wd: 0.7 cm; H<sub>1</sub>: 12.0 + x cm; H<sub>2</sub>: 12.0 cm; VI: –

Surface colour: 5YR 7/4 pink-7/6 reddish yellow.

Break: 10R 5/6 red core with 7.5YR 6/6 reddish yellow oxidation zones.

Throwing lines on exterior and interior; base raised in middle.

Surface: smoothed on the wheel (Find No. 40).

### B.1.1.1.2.7.2. Large size (Type AA<sub>2</sub>)

– Rolled rim, with exterior and interior lip

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 185** (Fig. 25f) [97]; rim sherd; Rd: 38.0 cm; 1/4; dark red-slipped band on lip and [neck].

– Nile C<sub>1</sub> fabric, uncoated ware

**No. 186** (Fig. 25g) [155]; rim sherd; Rd: 30.0 cm; 1/64.

– Nile B<sub>2</sub> fabric, uncoated ware, rolled rim with exterior lip

**No. 187** (Fig. 25h) [92]; rim sherd; Rd: 33.0 cm; 1/16.

### B.1.1.1.2.9. Amphorae (“Amphoren”) (Type CC)

– Only the base preserved

– Nile B<sub>2</sub> fabric, uncoated ware, round base

**No. 188** (Fig. 25i) [104]; base, mended; Wd: 1.2 cm; smoothed inside.

**No. 189** (Fig. 25j) [96]; base, mended; Wd: 1.5 cm; smoothed inside.

– Nile B<sub>2</sub>/C<sub>1</sub> fabric, uncoated ware, [round] base

**No. 190** (Fig. 25k) [101]; fragment near the base; Wd: 1.5 cm; smoothed inside.

## B.2. Imported pottery

### B.2.2. General household ware

#### B.2.2.2. Cooking pots (“Kochtöpfe”) (Type RR)

##### B.2.2.2.1. Hand-made (Type RRa)

– IV.50 fabric

**No. 191** (Fig. 26a; Plate VIIIc). 8892B (“Kochtopf”) {98/516}

TG	IV.50	mi-r	Ha1	–	m.	2
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Body sherd with a ledge; Md: ca. 30.0 cm; Wd: 0.9 cm.

Surface colour: 7.5YR 5/1 grey on the exterior; 7.5YR 6/4 light brown on the interior.

Break: low resistance to the break, irregular break; thick 7.5YR 4/1 dark grey core; thin oxidation zone on the interior (7.5YR 6/4 light brown–5/4 brown).

Inclusions: white and pink quartz (>0.25 mm.: very abundant; >0.50 mm.: very abundant; >2 mm.: few), soap stone (>0.25 mm.: very abundant; >0.5 mm.: very abundant; >2 mm.: abundant; <2 mm.: few); mica (>0.25 mm.: very abundant; >0.50 mm.: very abundant); ochre (>0.25 mm.: few); Non uniform distribution of the inclusions; the shapes are angular, tabular and rounded. Voids: open, elongated irregular. Matrix: coarse and porous texture.<sup>68</sup>

Surface: smoothed.<sup>69</sup>

#### B.2.2.4. Amphorae (“Amphoren”) (Type NN)

– IV.01 fabric.

**No. 192**, body sherds (0.65 dm<sup>2</sup>).

– IV.02 fabric

– rims, reconstructed from sherd

**No. 193** (Fig. 26b) [107]; convex-sided; Rd: 10.0 cm; 1/16.

**No. 194** (Fig. 26c) [112]; convex-sided; Rd: 12.0 cm; 3/64.

**No. 195** (Fig. 26d) [110]; direct rim, everted; Rd: 12.0 cm; 1/16.

**No. 196** (Fig. 26e) [109]; everted rim with a lip; Rd: 14.0 cm; 5/32.

**No. 197** (Fig. 26f) [111]; with interior and exterior lip; Rd: 12.0 cm; 9/64.

**No. 198** (Fig. 26g) [105]; modelled rim; Rd: 12.0 cm; 9/64.

**No. 199** (Fig. 26h) [106]; modelled rim; Rd: 12.0 cm; 3/64.

– fragment of a handle

**No. 200**, upper part, oval in section, Hd: 3.7 × 2.5 cm.

– rim and shoulder, handle and base fragments of the same amphora

**No. 201** (Fig. 26i) [116]; incomplete, fragmentary, mended; rolled rim with exterior lip, round base, rounded handle; Rd: 10.0 cm; 3/4; Hd: 2.7 × 2.7 cm; H<sub>1</sub>: 9.0 + 15.5 + 6.0 + x cm; smoked inside the base.

**No. 202**, body sherds (18 dm<sup>2</sup>).

– IV.04 fabric

**No. 203**, body sherd (0.02 dm<sup>2</sup>).

<sup>68</sup> The sub-macroscopic analysis was made with a 40× binocular lens.

<sup>69</sup> According to Eliezer Oren it is a Levantine hand-made cooking pot very common in the Middle Bronze Age II B–C (personal communication in September 1998).

**– IV.08 fabric**

**No. 204**, body sherds (0.25 dm<sup>2</sup>).

**– IV.09 fabric**

**No. 205**, body sherd (0.01 dm<sup>2</sup>).

**– IV. 10 fabric**

**No. 206**, body sherd (1.5 dm<sup>2</sup>).

**No. 207**, handle, upper part, oval section, Hd: 3.7 × 2.0 cm, with remains of a red painted decoration.

**No. 208**, shoulder fragment and body sherds: 1.50 dm<sup>2</sup>; very dense fabric.

**– IV.17 fabric**

**No. 209**, body sherds (2.0 dm<sup>2</sup>).

**No. 210**, lower part of handle, oval section, Hd: 2.2 × 3.3 cm.

**– IV.21 fabric**

**No. 211**, body sherds (0.25 dm<sup>2</sup>).

**5.2. Second Part: The ceramic corpus of the early 18<sup>th</sup> Dynasty from Locus 1016**

**5.2.1. The early 18<sup>th</sup> Dynasty pottery from Locus 1016 in tabular form**

**(Table 3)**



## 5.2.2. Ceramic corpus of the early 18<sup>th</sup> Dynasty

### A. CORPUS A (EGYPTIAN SHAPES)

#### A.1. Domestic pottery

##### A.1.1. Domestic pottery in Nile silt clay

##### A.1.1.1. Fine ware

##### A.1.1.1.1. Cups with flat base (“S-Näpfe”) (Type A)

– Nile B<sub>2</sub>, red-slipped ware, W<sub>2</sub>

**No. 212** (Fig. 27a; Plate IIIe). 8732S (“Napf”) {98/133}

RF	I-b-2	mi	W2	abg.g.	ox	2
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Complete, fragmentary, mended; flat base; rim ¼ and base 1/1 preserved.

Rd: 8.0 cm; Md: 9.0 cm; Bd: 3.0–3.3 cm; Wd: 0.5 cm; H<sub>1</sub>: 8.8–9.0 cm; H<sub>2</sub>: 4.3 cm; VI: 101.

Surface colour: 10R 5/6 red (slip).

Break: thick core, 2.5YR 5/1 grey; 2.5YR 4/8–5/6 red oxidation zones.

Base cut off the wheel and then smoothed; fine ridges on interior; slip spread on part of interior.

Surface: smoothed on the wheel (Find No. 49).

– Nile B<sub>2</sub>, red-slipped ware, W<sub>1</sub>

**No. 213** (Fig. 27b) [128]; flat base; Bd: 3.0 cm; 1/1; slip: 10R 5/6 red; base cut off the wheel and then smoothed.

– Nile E<sub>1</sub>, uncoated ware, W<sub>1</sub>

**No. 214** (Fig. 27c; Plate IXb). 8894L (“Napf”) {98/413}

TG	I-e-1	mi	W1	abg.g.	ox	2
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Complete, fragmentary, mended; flat base; rim 1/2 and base 1/1 preserved.

Rd: 7.0 cm; Md: 8.5 cm; Bd: 4.0 cm; Wd: 0.6 cm; H<sub>1</sub>: 9.0 cm; H<sub>2</sub>: 4.5 cm; VI: 94.

Surface colour: 2.5YR 6/6 light red (slip).

Break: 2.5YR 4/1 dark reddish grey core; 2.5YR 4/8–5/6 red oxidation zones.

Base cut off the wheel and then smoothed; throwing lines on interior and exterior.

Surface: smoothed on the wheel (Find No. 27).

##### A.1.1.1.2. Bowl (“Schale”), red slipped polished ware (Type B)

– Nile B<sub>2</sub> fabric

**No. 215** (Fig. 27d) [98]; body sherd; Wd: 0.4 cm; Polished slip: 10R 6/8 light red; break: 5YR 4/4 reddish brown.

##### A.1.1.2. General household ware

##### A.1.1.2.1. Bowl (“Schale”)

##### A.1.1.2.1.1. Bowl with flat base (Type Ca)

– Nile B<sub>2</sub> fabric, uncoated exterior, red-slipped polished interior, W<sub>2</sub>

**No. 216** (Fig. 27e). 8732H (“S-Schale”) {98/134}

TGRP	I-b-2	mi	W2	(W)	ox	2
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Incomplete, fragmentary, mended; flat base; rim not preserved; base 1/1.

Bd: 5.5 cm; Wd: 0.6 cm; H<sub>1</sub>: 4.5 + x cm; VI: –

Surface colour: 5YR 7/8 reddish yellow (ext.); polished slip: 10R 5/8 red (int.).

Break: 5YR 6/4 reddish yellow.

Ridges inside and outside; groove above base; base finished on the wheel, slightly raised in the middle.

Surface: well wheel-smoothed exterior and polished interior (Find No. 33).

##### A.1.1.2.2. Jars (“Vasen”) (Type D)

##### A.1.1.2.2.1. Drop jars (“Bechervasen”) (Type Da)

##### A.1.1.2.2.1.1. Drop jars with round base (Type Da<sub>1</sub>)

– Nile E<sub>1</sub> fabric, uncoated ware, W<sub>1</sub>

**No. 217** (Fig. 27f; Plate IXg). 8894P (“Bechervase”) {98/441}

TG	I-e-1	mi	W1	gesp.	ox	2
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Incomplete, fragmentary, mended; base and body preserved; vertically sided.

Md: 11.5 cm; Wd: 0.9 cm; H<sub>1</sub>: 17.0 + x cm; H<sub>2</sub>: 7.0 cm; VI: –

Surface colour: 7.5YR 7/4 pink-6/4 light brown.

Break: 10YR 6/6 brownish yellow.

Throwing lines inside; scraped at the exterior of the base.

Surface: smoothed on the wheel (Find No. 21).

– Nile E<sub>1</sub> fabric, red-slipped ware, W<sub>1</sub>

**No. 218** (Fig. 27g). 8895A (“Bechervase”) {98/422}

RF	I-e-1	mi	W1	gesp.	ox	2
----	-------	----	----	-------	----	---

Incomplete, fragmentary, mended; base and body preserved; vertically-sided.

Md: 10.5 cm; Wd: 0.8 cm; H<sub>1</sub>: 12.0 + x cm; H<sub>2</sub>: 7.0 cm; VI: –

Surface colour: 10R 6/8 light red–5/8 red (slip).

Break: 2.5YR 4/1 dark reddish grey core, with 10R 5/6 red and 7.5YR 6/6 reddish brown oxidation zones.

Throwing lines inside; scraped on the base.

Surface: smoothed on the wheel (Find No. 36).

##### A.1.1.2.2.1.2. Drop jars with flattened or flat base (Type Da<sub>2</sub>)

– Nile B<sub>2</sub> fabric, red-slipped ware, W<sub>1</sub>

**No. 219** (Fig. 27h; Plate Xc). 8895P (“Bechervase”) {98/433}

RF	I-b-2	mi	W1	abg.g.	ox	2
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Incomplete, fragmentary, mended; base and body preserved. Md: 13.0 cm; Bd: 3.5 cm; Wd: 0.7 cm; H<sub>1</sub>: 12.5 + x cm; H<sub>2</sub>: 10.5 cm; VI: –

Surface colour: 10R 5/6 red slip.

Break: thin core, 2.5YR 5/1 reddish grey; 2.5YR 4/6 red oxidation zones.

Base cut off with string, then smoothed and flattened with finger.

Surface: smoothed on the wheel (Find No. 19).

– Nile B<sub>2</sub> fabric, uncoated ware, W<sub>2</sub>

**No. 220** (Fig. 27i; Plate Xb). 8895K (“Bechervase”) {98/431}

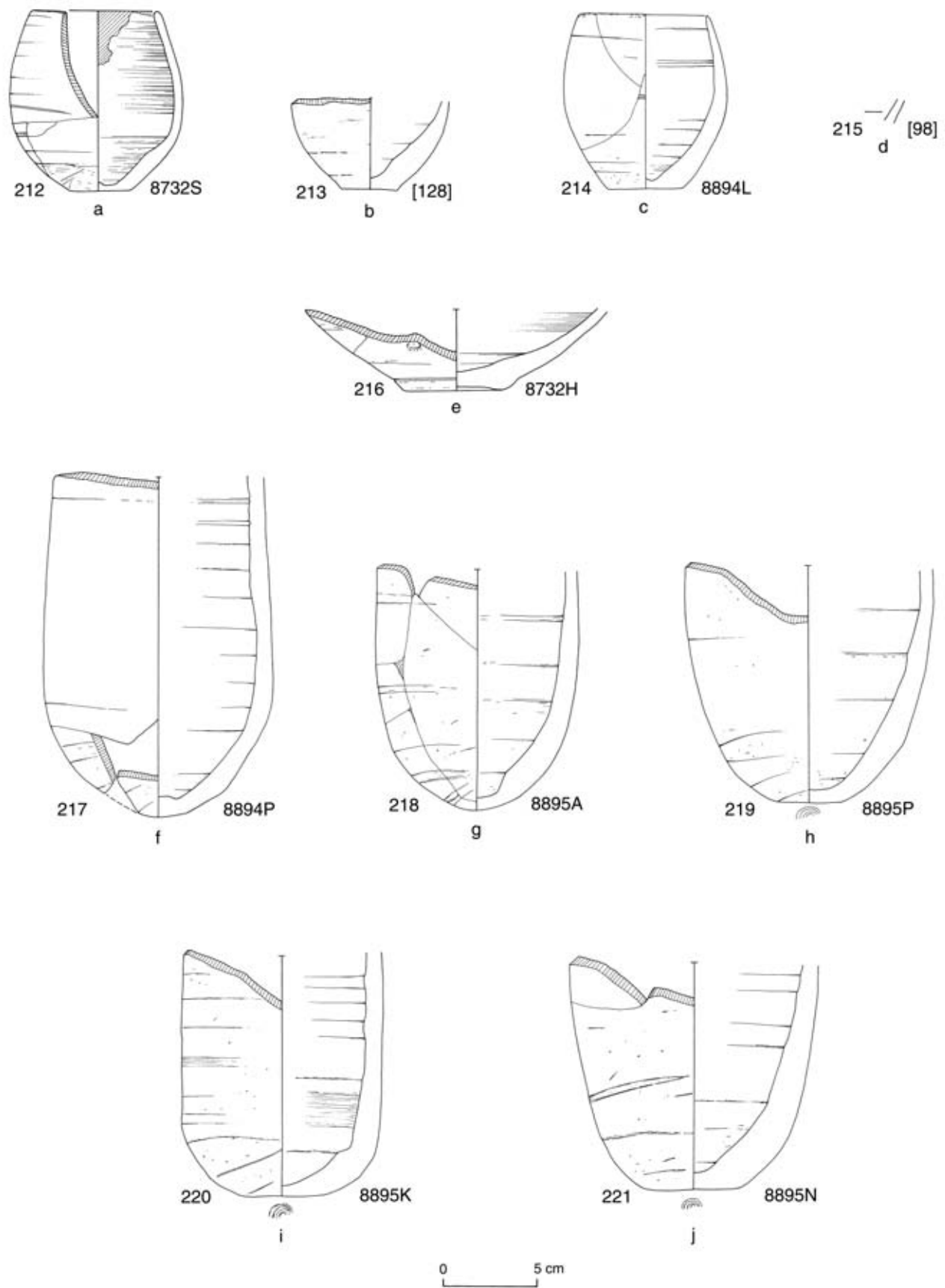


Fig. 27 Ceramic corpus of the early 18<sup>th</sup> Dynasty from L1016

TG	I-b-2	mi	W2	abg.	ox	2
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Incomplete, fragmentary, mended; base and body preserved; flat base; vertically-sided.

Md: 10.5 cm; Bd: 4.0 cm; Wd: 0.75 cm; H<sub>1</sub>: 12.7 + x cm; H<sub>2</sub>: 4.5 cm; VI: –

Surface colour: 2.5YR 6/6 light red–5YR 6/3 light reddish brown.

Break: thin core, 5YR 4/1 dark grey; 2.5YR 5/6 red and 5YR 5/4 reddish brown oxidation zones.

Ridges inside; base cut off with string (impression of string cut preserved).

Surface: smoothed on the wheel (Find No. 4).

– Nile B<sub>2</sub> fabric, red-slipped ware, W<sub>1</sub>

**No. 221** (Fig. 27j; Plate Xa). 8895N (“Bechervase”) {98/432}

TG	I-b-2	mi	W1	abg.	ox	2
----	-------	----	----	------	----	---

Incomplete, fragmentary, mended; base and body preserved; flat base; vertically-sided.

Md: 18.0 cm; Bd: 4.5 cm; Wd: 1.5 cm; H<sub>1</sub>: 12.0 + x cm; H<sub>2</sub>: 9.0 cm; VI: –

Surface colour: 10R 5/6 red (slip).

Break: 2.5YR 5/1 reddish grey core; 7.5YR 6/6 reddish yellow oxidation zones.

Throwing lines inside; base cut off the wheel with string (impression of string cut preserved).

Surface: smoothed on the wheel.

#### A.1.1.2.2.2. Jars with exterior lip (“Vasen. AL”)

##### (Type Db)

##### A.1.1.2.2.2.1. Rolled lip and long neck (Type Db<sub>1</sub>)

– Nile B<sub>2</sub> fabric, uncoated ware

**No. 222** (Fig. 28a) [124]; rim sherd, rolled rim; Rd: 10.0 cm; 3/64; red-slipped rim band on exterior and interior.

**No. 223** (Fig. 28b) [15]; rim sherd, rolled rim; Rd: 16.0 cm; 3/16.

**No. 224** (Fig. 28c) [90]; rim sherd; Rd: 15.0 cm; 3/32; trimmed lip with horizontal extension.

#### A.1.1.2.3. Storage jar (“Vorratgefäß”) (Type E)

##### A.1.1.2.3.1. Straight sided, rounded rim (Type Ea)

– Nile C<sub>1</sub> fabric, uncoated ware

**No. 225** (Fig. 28d), [94]; rim sherd; Rd: 22.0 cm 1/16; W<sub>1</sub>; break: dark grey core with reddish brown oxidation zones.

#### A.1.2. Domestic pottery in marl clays

##### A.1.2.1. Jars (“Vasen”)

##### A.1.2.1.1. Carinated jars, short-necked (Type Fa)

##### Direct rim

– Marl F fabric, W<sub>2</sub>

– Everted and trimmed rim, with a carination in the lower part of the body

**No. 226** (Fig. 28e; Plate XIb). 8731Q (“Vase”) {98/147}

TG	II-f	mi	W2	(W)	ox	3
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Complete, fragmentary, mended; flat base; rim 1/2 preserved. Rd: 10.0 cm; Md: 16.0 cm; Bd: 4.5 cm; Wd: 0.65 cm;

H<sub>1</sub>: 15.5 cm; H<sub>2</sub>: 5.5 cm; VI: 103.

Surface colour: 5YR 7/2 light grey.

Break: 10YR 6/3 pale brown.

Base finished on the wheel; ridges inside and outside.

Surface: smoothed on the wheel (Find No. 11).

##### Rim with lip

– Marl F fabric, W<sub>2</sub>

– Rolled rim with exterior lip, a carination in the upper part of the body

**No. 227** (Fig. 28f; Plate XIId). 8731P (“Vase”) {98/154}

TG	II-f	mi	W2	gef. (W)?	ox	3
----	------	----	----	-----------	----	---

Complete, fragmentary, mended; ring base?, 1/32 preserved.

Rd: 12.9–13.7 cm; Md: 20.0 cm; Bd: 4.5 cm; Wd: 0.9 cm; H<sub>1</sub>: 17.3 cm; H<sub>2</sub>: 10.3 cm; VI: 116.

Surface colour: 5YR 7/2 light grey.

Break: 10YR 6/3 pale brown.

Deformed rim; ridges inside.

Surface: smoothed on the wheel (Find No. 11).

##### A.1.2. Vessel

**No. 228** (Fig. 28g). 8892A (“Gefäß”) {99/106}

P	II-a2	f	W2	–	ox	3
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Body sherd (0.02 dm<sup>2</sup>). Md: 32.0 + x cm; Wd: 0.75 cm.

Surface colour: polished, 7.5YR 6/6 reddish yellow.

Break: medium resistance to break; regular break; 5YR 5/4 reddish brown.

Inclusions: quartz (white and pink; >0.25 mm.: abundant; >0.50 mm.: abundant; <0.50 mm.: few), mica (abundant), crashed limestone (>0.50; few), red grit (>0.25 mm., few). Uniform distribution of inclusions. Voids: medium, elongated. Matrix: laminar, medium texture.<sup>70</sup>

Some ridges visible.

Surface: polished on the wheel.

#### A.3. Votive pottery

##### A.3.1. Model bowl (“Modellschale”) (Type G)

– Nile B<sub>2</sub> fabric, uncoated exterior, red-slipped polished interior

**No. 229** (Fig. 28h) [126]; rim sherd; Rd: 11.5 cm?; 3/32; eroded rim.

<sup>70</sup> The sub-macroscopic analysis was made with a 40× binocular lens.



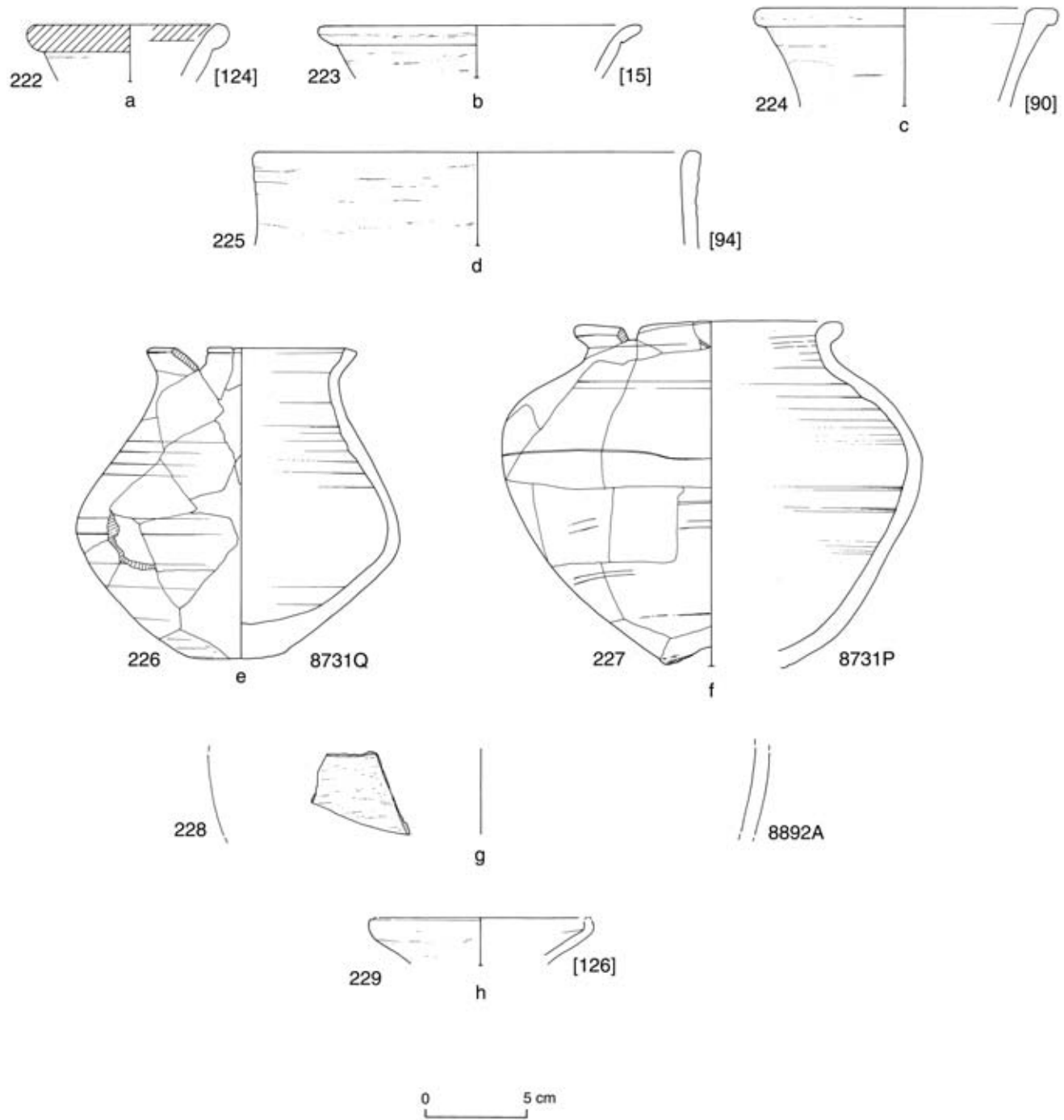


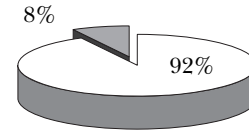
Fig. 28 Ceramic corpus of the early 18<sup>th</sup> Dynasty from L1016

## 6. STATISTICS

### 6.1. Statistics related to the ceramic corpus of the Catalogue

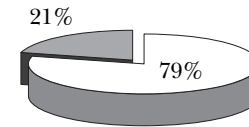
Pottery from locus 1016	Frequency	Percentage
Late Hyksos period shapes	211	92,00%
Early 18 <sup>th</sup> Dynasty shapes	18	8,00%
Total	229	100

Chart 1 Percentage of pottery according to date



Type groups	Frequency	Percentage
Corpus A	181	79,00%
Corpus B	48	21,00%
Total	229	100

Chart 2 Percentage of type groups from locus 1016

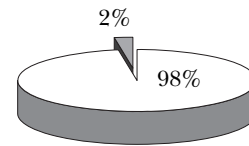


#### 6.1.1. The late Hyksos period pottery

##### Corpus A

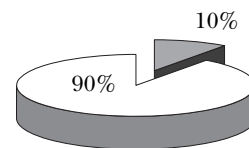
Type groups	Frequency	Percentage
Domestic pottery	159	98,00%
Votive pottery	4	2,00%
Total	163	100

Chart 3 Percentage of type groups from Corpus A



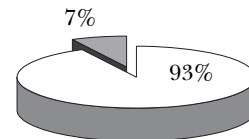
Type groups of the domestic pottery	Frequency	Percentage
Fine ware	16	10,00%
General household ware	143	90,00%
Total	159	100

Chart 4 Percentage of domestic pottery type groups



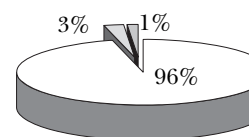
Egyptian fabrics	Frequency	Percentage
Nile silt clay	151	93,00%
Egyptian marls	12	7,00%
Total	163	100

Chart 5 Percentage of Egyptian fabrics



Nile silt clay	Frequency	Percentage
Nile B2	145	96,00%
Nile B2/C1	4	3,00%
Nile C1	2	1,00%
Total	151	100

Chart 6 Percentage of Nile silt clay



Egyptian marls	Frequency	Percentage
Marl C	2	17,00%
Marl F	10	83,00%
Total	12	100

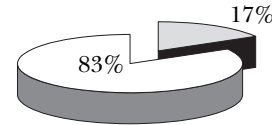


Chart 7 Percentage of Egyptian marls

Domestic fine ware pottery in Nile silt clay	Frequency	Percentage	Value by types
Cups	2	12,50%	Aa
Deep bowls	1	6,25%	B
Small bowls	1	6,25%	C
Ring-based bowls	9	56,25%	D
Small carinated bowls	2	12,50%	OO
Large bowls, ring base	1	6,25%	E
Total	16	100	

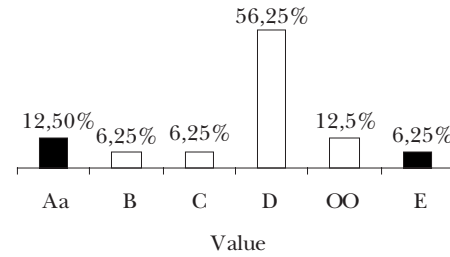


Chart 8 Percentage of domestic fine wares in Nile silt clay

General household wares of domestic pottery in Nile silt clay	Frequency	Percentage	Value by types
Bowls, flat base	14	10,68%	Fa
Carinated bowls	1	0,76%	PPb
Large bowls	1	0,76%	G
Bowls, complex rim	3	6,10%	Ga + Gb
Footed bowls	1	0,76%	H
Jars	100	76,33%	I
Potstands	6	4,58%	Ja
Total	126	100	

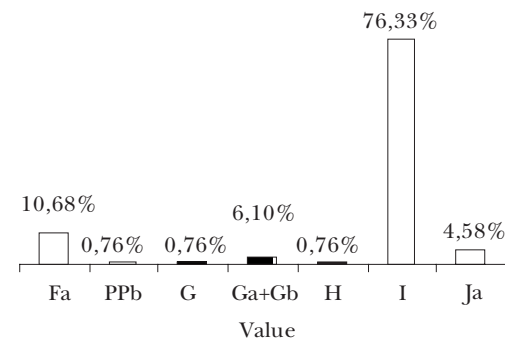


Chart 9 Percentage of general household wares in Nile silt clay

Domestic pottery in Egyptian marl clays	Frequency	Percentage	Value by types
Bowls ("Knickwanschalen")	2	16,66%	UU
Bowls, complex rim	3	25,00%	K
Jars	5	41,66%	L
Zir	2	16,66%	Lb
Total	12	100	

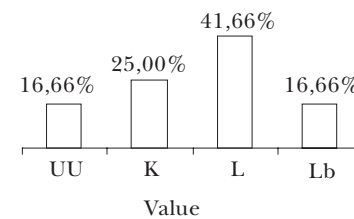


Chart 10 Percentage of general household wares in Egyptian marl clays

Shape of base	Frequency	Percentage	Value
Round	32	19,63%	U
Wobbly	1	0,61%	W
Flat	14	8,58%	S
Ring	8	4,90%	R
Nipple	0	0,00%	N
Foot	0	0,00%	F
Unknown	108	66,25%	unknown
Total	163	100	

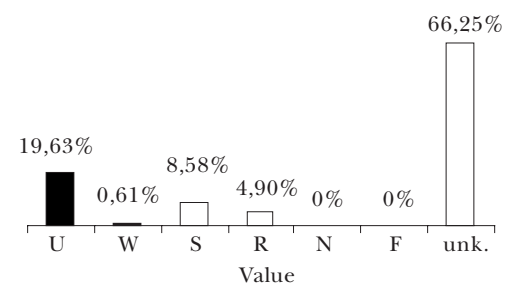


Chart 11 Percentage of vessels according to shape of base

Shaping technique	Frequency	Percentage	Value
Low simple wheel	143	87,00%	W1
Tall-stemmed simple wheel	18	11,00%	W2
Moulded	1	1,00%	M
Unknown	1	1,00%	
Total	163	100	

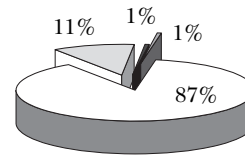


Chart 12 Percentage of vessels according to shaping technique

Surface treatment	Frequency	Percentage	Value
Uncoated	115	70,55%	TG
Uncoated ext., red-slipped int.	11	6,74%	TGRF
Red-slipped	37	22,69%	RF
Red-slipped burnished	0	0,00%	RP
White-washed	0	0,00%	WF
Uncoated ext., burnished int.	0	0,00%	TGRP
Total	163	100	

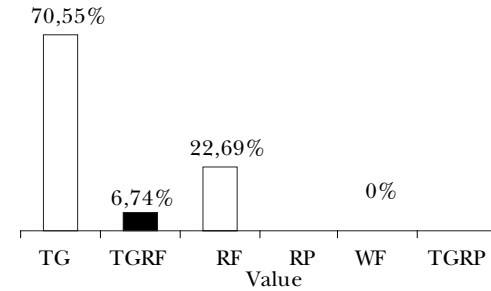


Chart 13 Percentage of vessels according to surface treatment

**Corpus B**

Type groups of local pottery	Frequency	Percentage
Fine ware	8	30,00%
General household ware	19	70,00%
Total	27	100

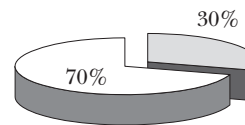


Chart 14 Percentage of local pottery type groups

Fabrics	Frequency	Percentage
Nile silt clay	27	56,00%
Imported fabrics	21	44,00%
Total	48	100

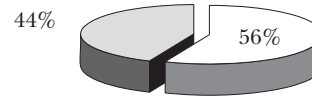


Chart 15 Percentage of fabrics

Nile silt clay	Frequency	Percentage
Nile B2	20	74,10%
Nile B2/C1	1	3,70%
Nile C1	1	3,70%
Nile E1	1	3,70%
Nile E2	4	14,80%
Total	27	100

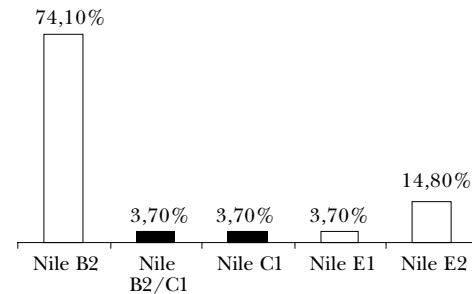


Chart 16 Percentage of Nile silt clay

Levantine fabrics	Frequency	Percentage
IV.50	1	4,76%
IV.01	1	4,76%
IV.02	10	47,60%
IV.04	1	4,76%
IV.08	1	4,76%
IV.09	1	4,76%
IV.10	3	14,28%
IV.17	2	9,52%
IV.21	1	4,76%
Total	21	100

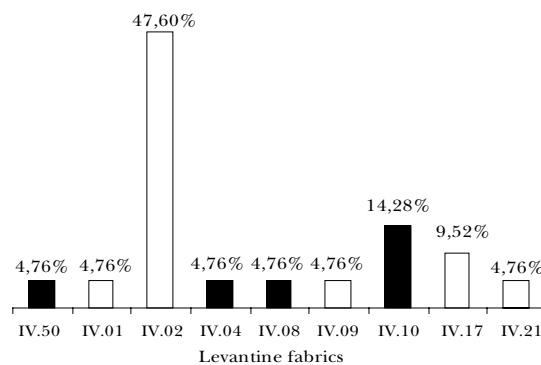


Chart 17 Percentage of Levantine fabrics

Local pottery General household ware	Frequency	Percentage
Cooking pots	8	42,00%
Storage jars	8	42,00%
Local amphorae	3	16,00%
Total	19	100

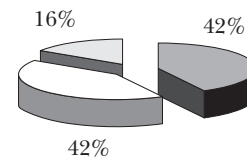


Chart 18 Percentage of local general household wares in Nile silt clay

Imported pottery General household ware	Frequency	Percentage
Cooking pots	1	5,00%
Amphorae	20	95,00%
Total	21	100

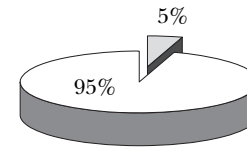


Chart 19 Percentage of general Levantine household wares

Shaping technique	Frequency	Percentage	Value
Low simple wheel	9	21,00%	W1
Tall-stemmed simple wheel	32	77,00%	W2
Hand-made	1	2,00%	Ha1
Total	42	100	

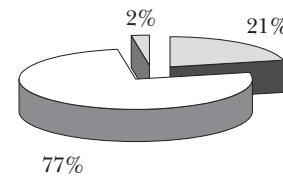


Chart 20 Percentage of vessels according to shaping technique

Shape of base	Frequency	Percentage	Value
Round	3	7,14%	U
Wobbly	0	0%	W
Flat	1	2,38%	S
Ring	3	7,14%	R
Nipple	0	0,00%	N
Foot	0	0,00%	F
Unknown	35	83,33%	unk
Total	42	100	

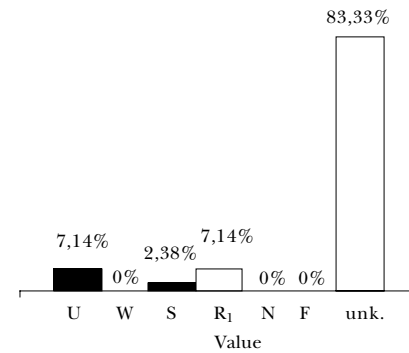


Chart 21 Percentage of vessels according to shape of base

Surface treatment	Frequency	Percentage	Value
Uncoated	18	66,66%	TG
Uncoat.ext., red-slipped int.	0	0,00%	TGRF
Red-slipped	1	3,70%	RF
Red-slipped burnished	8	29,62%	RP
White-slipped	0	0,00%	WF
Total	27	100	

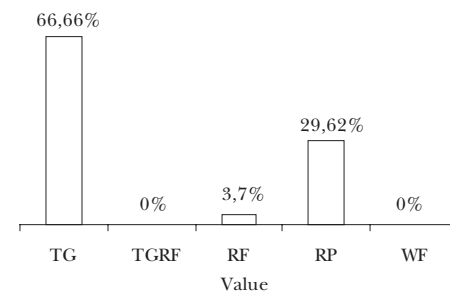


Chart 22 Percentage of vessels according to surface treatment

### 6.1.2. The early 18<sup>th</sup> Dynasty period pottery

Type groups	Frequency	Percentage
Domestic pottery	17	94,00%
Votive pottery	1	6,00%
Total	18	100

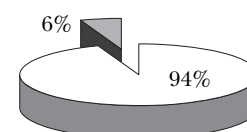
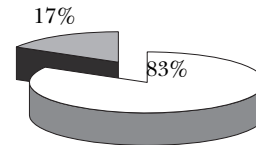


Chart 23 Percentage of ceramic type groups

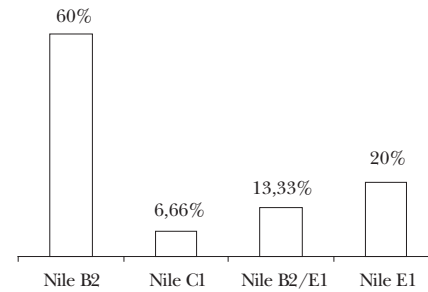
Egyptian fabrics	Frequency	Percentage
Nile silt clay	15	83,00%
Egyptian marls	3	17,00%
Total	18	100

Chart 24 Percentage of Egyptian fabrics



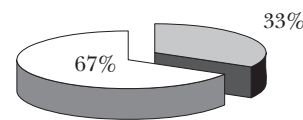
Shapes in Nile silt clay	Frequency	Percentage
Nile B2	9	60,00%
Nile C1	1	6,66%
Nile B2/E1	2	13,33%
Nile E1	3	20,00%
Total	15	100

Chart 25 Percentage of shapes in Nile silt clay



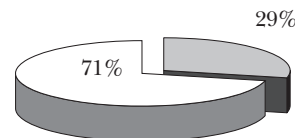
Shapes in Egyptian marls	Frequency	Percentage
Marl A2	1	33,33%
Marl F	2	66,66%
Total	3	100

Chart 26 Percentage of domestic pottery type groups in Egyptian marls



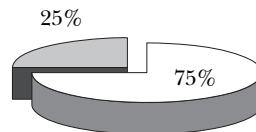
Type groups of domestic pottery	Frequency	Percentage
Fine ware	4	29,00%
General household ware	10	71,00%
Total	14	100

Chart 27 Percentage of domestic pottery type groups in Nile silt clay



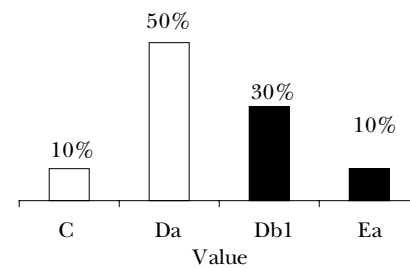
Domestic fine ware pottery in Nile silt clay	Frequency	Percentage	Value by types
Cups	3	75,00%	A
Bowls, red-slipped polished	1	25,00%	B
Total	4	100	

Chart 28 Percentage of domestic fine wares in Nile silt clay



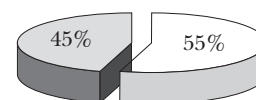
Domestic ware pottery in Nile silt clay	Frequency	Percentage	Value by types
Bowls, flat base	1	10%	C
Drop jars	5	50%	D a
Jars with exterior lip	3	30%	D b1
Storage jars	1	10%	Ea
Total	10	100	

Chart 29 Percentage of domestic wares in Nile silt clay



Shaping technique	Frequency	Percentage	Value
Low simple wheel	6	55,00%	W1
Tall-stemmed simple wheel	5	45,00%	W2
Total	11	100	

Chart 30 Percentage of vessels according to shaping technique



Shape of the base	Frequency	Percentage	Value
Round	2	11,76%	U
Wobbly	0	0,00%	W
Flat	8	47,05%	S
Ring	1	5,88%	R
Nipple	0	0,00%	N
Foot	0	0,00%	F
Unknown	6	35,29%	unk.
Total	17	100	

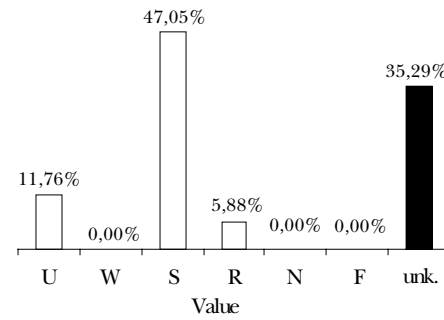


Chart 31 Percentage of vessels according to shape of base

Surface treatment	Frequency	Percentage	Value
Uncoated	9	52,94%	TG
Uncoated ext., red-slipped int.	0	0,00%	TGRF
Red-slipped	5	29,41%	RF
Red-slipped burnished	1	5,88%	RP
White-washed	0	0,00%	WF
Uncoated exterior, red-slipped burnished interior	2	11,76%	TGRP
Total	17	100	

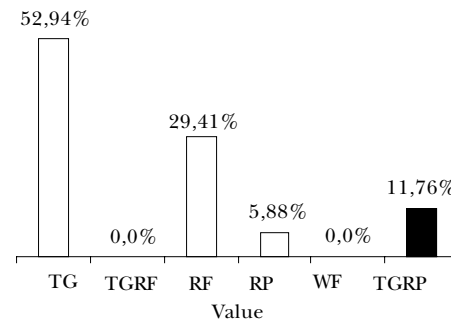


Chart 32 Percentage of vessels according to surface treatment

6.1.3. Classification by shape of the late Hyksos period pottery from Locus 1016

The late Hyksos period pottery from Locus 1016		Total	Percentage	Frequency by type groups	Percentage by type groups	Value by type groups	Frequency by type groups	Percentage by type groups	Value by type groups	Frequency by subtypes	Percentage by subtypes	Total by type groups
Shape		211	100%									
<b>CORPUS A (Egyptian shapes)</b>		163	77,25%									
<b>1. Domestic pottery</b>				159	97,54%							
<b>1.1. Domestic pottery in Nile silt clay</b>				147	92%							
<b>1.1.1. Fine ware</b>				16	10,88%							
Cups						A	2					12,50%
with flat base								Ab	2	100,00%		
Deep bowls						B	1					6,25%
Small bowls						C	1					6,25%
straight-sided								Cb	1	100,00%		
Bowls with ring base						D	9					56,25%
raised in the middle								Da	4	44,44%		
lowered in the								Db	2	22,22%		
base not preserved								D	3	33,33%		
Small carinated bowls						OO	2					12,50%
Large bowls						E	1					6,25%
shallow bowl with direct rim								Ea	1	100,00%		
<b>1.1.2. General household ware</b>		131	89,11%									
Bowls with flat base						Fa	14					10,68%
rim not preserved								Fa	1	7,14%		
straight-sided								Fa <sub>2</sub>	4	28,57%		
flaring-sided								Fa <sub>3</sub>	9	64,28%		
Carinated bowls						PP	1					0,76%
vertically-sided								PPb	1	0,76%		
Bowls with complex rim						G	9			1	11,11%	6,87%
carinated bowls								Ga	3	33,33%		
with lip								Gb	5	55,55%		

Table 4 Classification by shape of the late Hyksos period pottery from Locus 1016



Footed bowls	<b>H</b>	<b>1</b>							<b>0,76%</b>
Jars	<b>I</b>	<b>100</b>							<b>76,33%</b>
no rim preserved			I	13	13,00%				
drop jars			Ia	31	31,00%				
bag-shaped jars			Ib	3	3,00%				
with direct rim, everted or flaring			Ic	12	12,00%				
with exterior lip			Id	31	32,00%				
with exterior and interior lip			Ie	2	2,00%				
imitations of "zirs"			If	2	2,00%				
with complex rim			Ig	6	6,00%				
Stands	<b>J</b>	<b>6</b>							<b>4,58%</b>
Potstands, low type			Ja	2	33,33%				
with direct			Ja <sub>1</sub>	1	16,66%				
with lip			Ja <sub>2</sub>	3	50,00%				
<b>1.2. Domestic pottery in marls clays</b>		<b>12</b>							<b>7,54%</b>
Carinated Bowls ("Knickwandschalen")	<b>UU</b>	<b>2</b>							<b>16,66%</b>
Bowls with complex rim	<b>K</b>	<b>3</b>							<b>25,00%</b>
Jars	<b>L</b>	<b>5</b>							<b>41,66%</b>
with lip			La1	2	40%				
globular-shaped			La2	3	50%				
"Zirs"			Lb	2					<b>16,66%</b>
<b>2. Pottery with specific functions</b>		<b>0</b>							<b>0,00%</b>
<b>3. Votive pottery</b>		<b>4</b>							<b>2,45%</b>
Model bowls	<b>O</b>	<b>4</b>							<b>100,00%</b>
base not preserved			O	2	50,00%				
with wobbly base			Ob	1	25%				
with flat base			Oc	1	25%				

The late Hyksos period pottery from Locus 1016		Total	Percentage	Frequency by type groups	Percentage by type groups	Value by type groups	Frequency by type groups	Value by type groups	Frequency by subtypes	Percentage by subtypes	Total by type groups
Shape		211	100%								
<b>CORPUS B</b> (Middle Bronze Age II B–C shapes)		48	22,74%								
<b>1. Local pottery</b>				27	56,25%						
<b>1.1. Domestic pottery</b>				27	100,00%						
<b>1.1.1. Domestic pottery in Nile silt clay</b>				27	100%						
<b>1.1.1.1. Fine ware</b>				8	30,00%						
Dipper juglets								Uc	8	100%	100%
<b>1.1.1.2. General household ware</b>				19	70,00%						
Cooking pots						Y	8				42,50%
Storage jars						AA	8				42,10%
Amphorae						CC	3				15,78%
<b>1.1.2. Domestic pottery in marls clays</b>				0	0%						
<b>1.2 Votive pottery</b>				0	0,00%						
<b>2. Imported pottery</b>				21	43,75%						
<b>2.1. Fine ware</b>				0	0,00%						
<b>2.2. General household ware</b>				21	100,00%						
Cooking pots, hand-made						RR	1				5,00%
Amphorae						NN	20				95,00%

Table 4 continued Classification by shape of the late Hyksos period pottery from Locus 1016

6.1.4. Classification by shape of the early 18<sup>th</sup> Dynasty pottery from Locus 1016

The early 18 <sup>th</sup> Dynasty pottery from Locus 1016	Total	Percentage	Frequency by type groups	Percentage by type groups	Value by type groups	Frequency by type groups	Percentage by type groups	Value by type groups	Frequency by subtypes	Percentage by subtypes	Total by type groups
Shape	18	100%									
<b>CORPUS A (Egyptian shapes)</b>	17	94,44%									
<b>1. Domestic pottery</b>			16	94,00%							
1.1. Domestic pottery in Nile silt clay			14	88%							
1.1.1. Fine wares			4	28,57%							
Cups with flat base					A	3					75,00%
Bowls, red-slipped polished ware					B	1					25,00%
1.1.2. General household wares			10	71,42%							
Bowls with flat base					C	1					10,00%
Jars					D	8					80,00%
drop jars with exterior lip								Da	5	62,50%	
Storage jars								Db1	3	37,50%	
					Ea	1					100,00%
1.2. Domestic pottery in marl clays			2	12,50%							
Jars					Fa	2					12,50%
2. Pottery with specific functions			0	0,00%							
3. Votive pottery			1	6,00%							
Model bowl, base not preserved					G	1					100,00%

Table 5 Classification by shape of the early 18<sup>th</sup> Dynasty pottery from Locus 1016

## 6.2. Statistics related to the late Hyksos period sherds from context K6515 not included in The Catalogue

Shape	Value	Rim section	Amount	Percentage	Base section	Amount	Percentage	Body fragments		
CORPUS A		Nile B2			Nile B2			Nile B2	Nile C1	Nile B2/C1
Cups	Ab	9–10 cm	1.07	4.23	2.5–4 cm	18.77	15.41	–	–	–
Bowls with ring base	D	14–18 cm	5.28	20.89	4–6 cm	17.41	14.3	–	–	–
Bowls with [flat base]	Fa	18–28 cm	10.53	41.66	4.5–8 cm	26.01	21.36	–	–	–
Carinated bowls	Ga	–	–	–	–	–	–	–	0.09 dm <sup>2</sup>	–
Footed bowls	H	–	–	–	–	–	–	–	–	1.05 dm <sup>2</sup>
Drop jars	Ia	8–12 cm	2.54	10.05	round base	44.25	36.34	35 dm <sup>2</sup>	–	–
Jars	I	8–20 cm	0.81	3.2	round base	8.5	6.98	–	–	–
Potstands, lip	Ja2	8–12 cm	0.85	3.36	10–12 cm	2.8	2.29	0.50 dm <sup>2</sup>	–	–
Model bowls, wobbly base	Ob	10–14 cm	4.19	16.58	wobbly base	2.5	2.05	–	–	–
Model bowls, flat base	Oc	–	–	–	4–4.5 cm	1.5	1.23	–	–	–
<b>Total</b>		<b>Nile B2</b>	<b>25.27</b>	<b>100</b>	<b>Nile B2</b>	<b>121.74</b>	<b>100</b>	<b>35.50 dm<sup>2</sup></b>	<b>0.09 dm<sup>2</sup></b>	<b>1.05 dm<sup>2</sup></b>

Table 6 Statistics according to the preserved part of rim, base and body fragments