

JHANDI BABAR I: A NEOLITHIC SITE IN THE GOMAL PLAIN, PAKISTAN

IHSAN ALI AND GUL RAHIM KHAN

Contents

Introduction	174
Excavation	174
Architectural Remains	175
Finds: POTTERY, TERRACOTTA HUMAN FIGURINES; TERRACOTTA ANIMAL FIGURINES; BEADS; BONE IMPLEMENTS; STONE TOOLS; TERRACOTTA CAKES; MATRIX	175
Catalogue of Small Finds	179
Note and Bibliographic References	191
Figures 1-3	192
Figure 4: Matrix	195
Plates	199

Jhandi Babar I: A Neolithic Site in the Gomal Plain, Pakistan

IHSAN ALI AND GUL RAHIM KHAN

Introduction

The site of Jhandi Babar is located in the Gomal Plain about 60 km southwest of the city of D.I. Khan and lies at 31°-37' N Latitude and 70°-30' E Longitude (Fig. 1).

The archaeological importance of the Gomal Plain was first highlighted by A. Stein in 1927 where he discovered some early period sites (Stein, 1929). It was further enhanced when A.H. Dani, then the Chairman of the Department of Archaeology, University of Peshawar, conducted excavations at Gumla and Hathala and also discovered a few sites including that of Rehman Dheri (Dani, 1970-71). His excavations at Gumla established a sequence from Aceramic Neolithic to the mature Harappan phase. Later on the Department conducted large-scale excavations at Rehman Dheri for several seasons from, 1976 to 1982 and 1990 (Durrani 1981, 1988; Durrani et al, 1991). These excavations revealed a Bronze Age Culture from Early to the Evolved Kot Dijian and brought to light Rehman Dheri as the first Proto-literate and Proto-urban site of South Asia. The 1997 exploration of T. Ali of the same Department and F.A. Durrani, Chairman of the NHF, in the Gomal Valley resulted in the discovery of some important Neolithic and Kot Dijian period sites between Paroa and Chaudhwan. These sites are near Jhandi Babar village marked as JBI (Neolithic) and JBII (Kot Dijian), while two more at Maru village are Maru I (Kot Dijian) and Maru II (Mature Harappan). A. Rehman has also mentioned these sites in his survey report of the Gomal Valley (Rehman, 1997).

Excavation

Soon after the discovery in 1997, the present authors started excavations at the sites Jhandi Babar I (JBI) and Jhandi Babar II (JBII) in 1998. Both lie at a distance of about one kilometre from each other. The former is located to the northwest of Jhandi Babar village, while the latter to the northwest of JBI site. Conducted for eight weeks, these excavations have brought some important evidence regarding the origin and development of the Indus Valley Civilization in the Gomal Plain. This preliminary report is, however, concerned only with the Neolithic site of Jhandi Babar I (JBI).

Lying amidst a vast barren plain, JBI is a big rectangular mound covering an area of 630×480 meters with an average height of 4 meters (Swati et al, 1998; Rehman 1997; Khan et al, 2000) and has turned out, so far, the largest Neolithic site in Pakistan. Its surface is uneven and shows a number of small detached peaks (Fig. 2). With the exception of few arid shrubs, the site is almost barren and covered by potsherds, stone tools, stones and other antiquities.

Taking the electric-tower as a base point, survey of the whole site was conducted before excavation (Fig. 2). The whole site was then divided into grids of 30×30 meters each. They are numbered as 'A' to 'U' from the west to east and 'I' to 'XVI' from the north to south. Being the highest point, a trench, measuring 10×4 meters, was laid down on a western peak of the mound in grid F8 (Fig. 2 & Pl. 1-a). Using the Harris method, more than 160 units of cultural activities of the Neolithic and Early Bronze Age inhabitants were marked during the excavation. Exposing a cultural profile of 56 strata, 6 ovens, 4 hearths, 6 pits, 16 walls, 4 platforms, 9 floor levels, 7 post holes, 49 cuts for different interfacial units and a kiln (Fig. 3; Pl. 2-b)—our excavation reached the virgin soil at the depth of 5 meters from the surface. As the vertical excavation progressed, our trench became narrower as we reached the virgin soil (Pls. 2-a, b). The major units and the main section of the trench will be discussed later in a detailed report of our excavation. Stone tools and

pottery, found in a large quantity, are also excluded from this report. Here we, however, provide a brief description of our data including architectural remains, pottery, terracotta human and animal figurines, beads and bone tools along with a catalogue of small finds.

On the basis of structural remains, the site showed four main occupational phases divided into two distinct periods (Fig. 4). The first three lower phases belong to the Neolithic period, while the upper one belongs to the Early Bronze Age (Kot Dijian). The antiquities recovered from the first three phases are contemporary to the early farming communities of Sheri Khan Tarakai in the Bannu Basin (Khan et al, 1991), while those of the upper one have close resemblance with those of Kot Dijji (Khan, 1965), Gumla (Dani 1970-71), Rehman Dheri (Durrani, 1981, 1988; Durrani et al, 1991 and 1994-95) and Sarai Khola (Halim, 1970-71 and 1972).

Architectural Remains

Due to limitations, horizontal excavation was not possible to expose complete plans of houses and other structural remains. Walls of the earliest phase were 65 cm thick and constructed of mud lumps directly based on the natural soil. In phase II, structures were made of mud lumps and mud bricks as reflected by a wall of two courses oriented in east-west direction. A 30 cm thick mud-brick wall of phase III in the northeast corner of the trench is built in five courses. Standard bricks, 28×14×7 cm in size, are used in the construction of these structures. Mud-lump structures also continued in Phase III. Floor levels associated with these structures showed a number of postholes. On one of the floors (1067), a small kiln was uncovered showing traces of two exhaust holes for smoke. A female headless figurine was found in this kiln (Pl. 10-b no. 1). Phase IV, the Kot Dijian period, has no evidence of architectural activities in this small-scale excavation.

Finds

Pottery, terracotta human and animal figurines, beads, bone implements, stone tools and terracotta cakes are included among the finds. The following is their brief introductory description.

POTTERY

On the basis of pottery, the site can be safely dated to the Neolithic and Early Bronze Age (Kot Dijian) periods. The pottery of the Neolithic Period excavated from a four meter thick deposit can be compared with that from Sheri Khan Tarakai (Khan et al, 1991, pp. 39-46 & 2000, pp. 27-28), Sarai Khola (Halim and Mughal, 1972, pp. 34-99) and Mehrgarh (Samzun, 1991, p. 69), and as such dated to the 5th millennium BC. While pottery of the late period dated to the beginning of the 3rd millennium BC resembles that of Kot Dijji (Khan, 1965, p. 30-81), Gumla II (Dani, 1970-71, pp. 130-144) and Rehman Dheri (Durrani, 1988, pp. 31-120; Durrani et al, 1991, p. 3).

The Neolithic Period pottery from JBI can be classified into two main groups like that of Sheri Khan Tarakai (Khan et al, 1991, pp. 39-47 & 2000, pp. 27-28). 'Group A' comprises coarse handmade pottery from pinkish to red in colour and contains gritty inclusions in its grey-cored fabric. The exterior surface is always coated with a thick black slip, while the interior is often decorated in black or brown on a burnished pinkish-buff to cream. The decoration includes caprids (shown single or in groups), cranes, dogs, hatched pendent triangles and waisted lines, descending from the rim of the vessel. From the surface of the site, A. Rehman has reported camels also that are executed on the pottery in the same pattern as caprids are (Rehman, 1997, p. 39, Pl.1-b). They are usually painted on high-sided carinated bowls or large shallow wide-mouthed bowls. 'Group B' consists of a coarse gritty pottery in pinkish buff to red fabric with reduced grey core. The body is roughened by applying thick slurry of clay to the exterior below the shoulder. The unroughened space below the neck is often decorated with a brownish-chocolate slip. The necks and shoulders of pots are normally painted in black or brown with a variety of motifs including hatched triangles and squares, double triangles, vertical and slanting lines and many other geometrical designs. This

type is found on storage jars and carinated and high-sided bowls. One bowl decorated with geometric designs and containing bones, probably of a bird, was also recovered from the kitchen area in phase III. Other similar bones were also found in the same area close to the bowl (Pl. 1-b).

M. F. Swati and T. Ali have classified pottery from the surface collection of Jhandi Babar I into two main groups, i.e., Neolithic and Kot Dijian (Swati et al, 1998, pp. 7-10). They further classified the former group into three categories in which the first two are similar to the Sheri Khan Tarakai Pottery. The third category characterised by thin fabric includes medium and small globular vessels and jars turned on a slow wheel. Similar type of pottery with a variety of geometrical designs is also known from Phase IV of our excavation.

Miniature pots of different types and shapes with bases of different kinds and a variety of handles are also known from this period. They are few but show a great variety including carinated, short vertical sided and shallow wide-mouthed bowls. Sometimes they are decorated with vertical black lines. One of them seems to be a typical dice thrower. Bases are flat and ring shape and carry basket or mat-impresion. Handles like those from Sheri Khan Tarakai are flat and round in shape (Khan et al, 1991, pp. 46-47). The flattened handles are painted in black on one or both the surfaces.

The polychrome pottery of the Early Bronze Age closely resembles that of Kot Diji (Khan 1965, pp. 30, 42-81), Gumla II (Dani, 1970-71, pp. 130-144), Rehman Dheri I (Durrani, 1988, pp. 31-120; Durrani, et al, 1991, p. 3) and some sites in the Bannu Basin (Knox et al, 1986, pp. 103-112, 209-253). The pottery of this period made on a fast wheel is highly sophisticated and technologically advanced. It has thin texture and fine organic tempering matter, with tiny holes surviving in the section. This pottery is perfectly fired and has red or grey core. The body (both interior and exterior) of bowls is well treated with wash or slip in red or buff colours and decorated in polychrome, i.e., black, red, brown and white colours. These wares are usually decorated with a variety of geometric designs including straight horizontal lines/bands, oblique parallel lines, wavy bands and superimposed squares. (Swati et al, 1998, p. 9).

TERRACOTTA HUMAN FIGURINES

Terracotta human figurines are recovered from the surface as well as proper context of JBI and include the following main categories.

The figurines are stylised in form like those from Sheri Khan Tarakai (Khan et al, 1991, pp. 48-55). Their main varieties are with or without legs, bottle-shape straight or shouldered and with or without breasts. Their typical features are narrow waists, triangular or tubular upper torsos and large hips and thighs. The upper torso of most of the figurines is missing but one specimen exhibits its full details (Pl. 13-b no. 6). It is a seated short figure with short legs, short arms and pinched nose. Eyes and other features are not shown. Fringe lines around the neck indicate some kind of neck ornament. A large number of female figurines are shown with prominent appliqué breasts in natural style, swinging as well as round (Pls. 10-b, 11-a & b and 12-a).

The standing figurines are depicted with long legs, while those half standing or reclining have prominent buttocks and legs bent forward (Pls. 6-a & b, 7-a, 10-b and 14-b no. 1-2). Figurines of the Neolithic period were in a great variety and sizes as indicated by a number of broken legs both from the excavation as well as surface collection (Pls. 9-a & b, 10-a and 15-a no. 2,9). A number of broken heads, generally cylindrical and with prominent pinched nose (necks and heads are made at the same level in cylindrical figurines) are also found (Pls. 8-a & b). In one case the pinched nose face shows eyes as stamped circular impressions (Pl. 8-a no. 7).

Of a great significance is a stylised thin waist figurine based on a stumpy pedestal (Pls. 7-b, 13-b and 15-b). The upper body of the majority of them is broken. They are of different varieties: with

breasts, with short shoulders but without breasts and having rectangular lower body with narrow waist. Others are bottle, fig, pear or pyramid shape and most of them have decoration on their pedestals.

Decoration on the figurines includes black painted belts with pendants, fringes, plain and hatched triangles. Most of them are painted at the neck with black lines, both plain and fringed. Many others are decorated with fringed designs from breast to the belt. In a few cases legs are decorated with wavy lines and vertical strokes. The majority of the bottle shaped figurines are decorated in black on the lower round disc-body with hatched triangles, triangles and vertical lines. In this variety incised vertical and criss-crossed line decoration is also found (Pl. 7-b no. 13-14).

Of great interest is a female torso with legs partly broken, head missing, narrow waist, bulky belly and prominent breasts (Pl. 10-b no. 1). The brownish decoration all around the body—fringed lines at the neck, rib design from the breasts down to the fringed belt at the pelvic region and wavy line decoration on the legs—is remarkable. Nipples of the breasts are also painted with the same colour. Another breastless torso with disc-body is shown with enlarged belly giving an impression of pregnancy (Pl. 13-b no. 1). Its neck and lower body are decorated with fringed lines in black.

Few of the seated figurines (Pl. 14-a no. 4-6) with long parallel legs from our Kot Dijian level are similar to those recovered from Rehman Dheri I (Flevis et al, 1994-95, pp. 93-94) and Gumla II (Dani, 1970-71, pp. 67-68, Pl. 22-a).

For the details of classification of figurines in different groups, refer to the catalogue at the end.

TERRACOTTA ANIMAL FIGURINES

Fifteen bull and cow figurines varying in size and colour were discovered from JBI, those of bull dominate (17-a. & b). Most of them have their head or front part missing. All of them are shown with short legs except one, (Pl. 17-b no. 2). The cows are narrow at their waist. All the figurines are plain and can be compared with those from Sheri Khan Tarakai (Khan et al, 1991, pp. 55-56; 2000, p. 29).

BEADS

Including three from the surface, only five beads are found. The only shell bead from excavation is small, thin and tubular. The remaining four are of stone in different sizes and shapes—round, barrel and pendentive (Pl. 19-a).

BONE IMPLEMENTS

Twenty-nine bone finds from the excavation resemble those from Sheri Khan Tarakai (Khan et al, 1991, pp. 59-61) (Pl. 18-a. & b). They include points, blades, awls, flute (?), etc., and are finely made, ground and polished.

STONE TOOLS

The most common of all the finds from the excavation and surface collection are 450 stone tools. Made of chert, these microliths of flake industry reflect a variety of stone tools—flake scrapers, notched flakes, blades, burins, triangles, bladelets, retouched blades, core tools, etc. According to our observation, the raw material (chert nodules) was obtained from Chodwan, about 10 km to the west of Jhandi Babar village. However, the possibility of its importation from Afghanistan can not be ruled out.¹ Others have mentioned similar stone tools but they did not give possible sources of the material (Khan et al, 1991, pp. 62-63; 2000, p. 29).

No ground stone tools like axes, ring stones, querns, etc., were found during our excavation. Similarly, there is no evidence of bangles and other terracotta objects like boats, spindle whorls and balls from JBI commonly found at Sheri Khan Tarakai (Khan et al, 1991, pp. 57-59).

TERRACOTTA CAKES

Some broken pieces of Bronze Age terracotta cakes have been excavated from the last Phase and also collected from the surface of the mound.

Catalogue of Small Finds

The catalogue of small finds is divided into four main divisions: (A) Terracotta Figurines, (B) Bone and Antler Objects, (C) Paste and Stone Beads and (D) Miscellaneous Objects.

A. TERRACOTTA FIGURINES

HUMAN FIGURINES

There is a variety of Human Figurines and each one is grouped separately as under.

i. Shoulderless Standing Figurines

1. Pl. 6-a no. 4; Reg. 614; Context: surface; Colour: pinkish; Height: 6.00 cm. Middle body with round waist and large buttocks.
2. Pl. 6-a no. 1; Reg. 7; Context: 1007; Colour: pinkish; Height: 3.70 cm. Lower body with cylindrical waist, one leg broken at the thigh, fringe painting in black below the waist.
3. Pl. 6-a no. 2; Reg. 330; Context: surface; Colour: red; Height: 4.73 cm. Lower body with complete legs, the upper body broken at the waist, heavy buttocks, toes also shown. Painted with horizontal lines on the hip and ankles in black.
4. Pl. 6-a no. 5; Reg. 326; Context: surface; Colour: cream slip over pinkish; Height: 7.90 cm. Legs and lower torso with projecting abdomen, black painting on the hips and legs and a deep groove at the waist.
5. Pl. 6-a no. 3; Reg. 657; Context: surface; Colour: pinkish red; Height: 4.00 cm. Legs and lower torso in gritty red as above but smaller in size, one leg partly broken, no traces of painting.
6. Pl. 6-a no. 7; Reg. 28; Context: 1040; Colour: red; Height: 3.50 cm. Legs and lower body, abdomen and one leg damaged.
7. Pl. 6-a no. 8; Reg. 654; Context: surface; Colour: pinkish red; Height: 2.75 cm. Lower body with both the legs broken at thighs, projecting abdomen and a deep groove at the waist.
8. Pl. 6-a no. 6; Reg. 530; Context: surface; Colour: pinkish-red; Height: 5.70 cm. Lower torso, legs and upper body at the waist broken, projecting abdomen and a deep groove at the waist.
9. Pl. 6-a no. 9; Reg. 652; Context: surface; Colour: pinkish red; Height: 5.10 cm. Lower torso as above, with a deep groove and black painting on the buttocks.
10. Pl. 6-a no. 10; Reg. 662; Context: surface; Colour: pinkish red, grey core; Height: 5.40 cm. Left leg with projected abdomen and a deep groove at waist.
11. Pl. 14-b no. 2; Reg. 703; Context: surface; Colour: pinkish with grey core; Height: 7.35 cm. Lower body with cylindrical waist, projected buttocks and a deep groove at waist, the right portion is broken.
12. Pl. 14-b no. 3; Reg. 704; Context: surface; Colour: greyish pink, grey core; Height: 6.57 cm. Left leg with pronounced hips, lower leg broken.
13. Pl. 19-b no. 2; Reg. 644; Context: surface; Colour: pinkish with grey core; Height: 9.70 cm. Lower body with pronounced hips and cylindrical waist, legs broken from thigh.

ii. Sitting or Reclining Figurines

1. Pl. 6-b no. 1; Reg. 329; Context: surface; Colour: cream slip with grey core; Height: 4.00 cm. Female with short legs, head broken, showing prominent breasts with narrow waist and black painted lines on the lower waist along deep groove.
2. Pl. 6-b no. 2; Reg. 639; Context: surface; Colour: red slip with black core; Height: 4.20 cm. Legs with lower body, a deep groove at waist with black painting over abdomen and waist.
3. Pl. 6-b no. 3; Reg. 5; Context: 1002; Colour: orange slip with black core; Height: 4.00 cm. Legs with lower body, abdomen and waist decorated with a groove and black painting.

4. Pl. 6-b no. 4; Reg. 324; Context: surface; Colour: pink; Height: 4.80 cm. Lower body with narrow waist in pyramidal form, short legs, partly broken and black painting around the waist.
5. Pl. 6-b no. 5; Reg. 29; Context: 1040; Colour: grey; Height: 2.60 cm. Legs with lower body and short legs in grey gritty terracotta, decorated in black painting and a deep groove around the waist.
6. Pl. 6-b no. 6; Reg. 532; Context: surface; Colour: cream with black core; Length: 5.90 cm. Right leg with buttocks and decorated with black painted designs over the cream slip.
7. Pl. 6-b no. 7; Reg. 604; Context: surface; Colour: pink with black core; Length: 3.90 cm. Right leg with abdomen, decorated in black painting and a groove at the waist.
8. Pl. 6-b no. 8; Reg. 638; Context: surface; Colour: grey with black core; Length: 3.45 cm. Right leg with waist in cylindrical form, fringe decoration in black painting.
9. Pl. 6-b no. 9; Reg. 108; Context: 1038; Colour: pinkish-red slip, grey core; Height: 6.40 cm. Short legs with lower body and waist shown in cylindrical form.
10. Pl. 6-b no. 10; Reg. 528; Context: surface; Colour: pinkish with black core; Length: 5.85 cm. Legs with lower body, pendentive triangles around the waist in black painting.
11. Pl. 6-b no. 11; Reg. 529; Context: surface; Colour: pinkish red, black core; Length: 3.00 cm. Lower body with legs and a deep groove at waist.
12. Pl. 6-b no. 12; Reg. 30; Context: 1040; Colour: red; Length: 2.82 cm. Lower body with Parallel legs in gritty red.
13. Pl. 7-a no. 1; Reg. 372; Context: surface; Colour: orange slip over the black; Height 3.37 cm. Lower body with left leg, the right one is broken, groove at the waist, gritty black in colour.
14. Pl. 7-a no. 2; Reg. 322; Context: surface; Colour: red; Length: 4.33 cm. Lower body with right leg, the left one is broken, groove at waist.
15. Pl. 7-a no. 3; Reg. 660; Context: surface; Colour: red; Length: 4.10 cm. Left leg with cylindrical waist, slightly overfired.
16. Pl. 7-a no. 4; Reg. 663; Context: surface; Colour: red; Length: 3.00 cm. Lower body, left leg is broken from thigh, right leg is also partly broken.
17. Pl. 7-a no. 5; Reg. 606; Context: surface; Colour: red with grey; Length: 3.60 cm. Lower cylindrical body, right leg is broken.
18. Pl. 7-a no. 6; Reg. 607; Context: surface; Colour: red with black core; Length: 3.72 cm. Right leg with small portion of abdomen.
19. Pl. 7-a no. 7; Reg. 531; Context: surface; Colour: buff; Length: 4.15 cm. Lower body with both legs broken, the abdomen shown in cylindrical form and decorated with black painting.
20. Pl. 7-a no. 8; Reg. 567; Context: surface; Colour: red with black core; Length: 3.50 cm. Lower body with high cylindrical waist, legs partly broken, decorated with a pendentive triangle in black painting.
21. Pl. 15-a no. 1; Reg. 698; Context: surface; Colour: pinkish; Length: 5.25 cm. Lower body with short legs, wide and pointed, long narrow abdomen in reclining position, black line round buttocks.
22. Pl. 15-a no. 2; Reg. 705; Context: surface; Colour: pinkish; Length: 3.36 cm. Lower body with right leg, abdomen in cylindrical form.
23. Reg. 311; Context: 1002. Colour: pinkish-red with black core; Length: 3.15 cm. Lower body with legs partly broken, made in gritty red.
24. Pl. 15-a no. 5; Reg. 697; Context: surface; Colour: pinkish; Length: 2.53 cm. Lower body with long parallel legs, abdomen reclining in narrow stem.

iii. Belt or Skirt at the Lower Girdle of Figurines

1. Pl. 7-a no. 10; Reg. 661; Context: surface; Colour: red with grey core; Length: 3.50 cm. Lower torso of human figurine, abdomen in cylindrical form, skirt round waist which covers the pubic area.
2. Pl. 7-a no. 11; Reg. 640; Context: surface; Colour: red with black core; Height: 5.00 cm. Legs with lower torso, abdomen in cylindrical form, skirt round the waist as above

3. Pl. 7-a no. 12; Reg. 653; Context: surface; Colour: red with black colour; Length: 4.5 cm. Legs with lower body in gritty red terracotta, wears similar dress like the previous one but is partly gone from the front while the back portion is completely covered.
4. Pl. 7-a no. 13; Reg. 337; Context: surface; Colour: red with a black core; Length: 3.30 cm. Lower torso with left leg partly broken, traces of skirt round body are seen.
5. Pl. 7-a no. 14; Reg. 612; Context: surface; Colour: pinkish red; Length: 2.70 cm. Lower body with legs and abdomen slightly missing, the skirt is decorated with incised design and the legs are painted in black.
6. Pl. 15-a no. 6; Reg. 695; Context: surface; Colour: pinkish; Length: 3.91 cm. Lower body with legs, abdomen and upper body missing, skirt round buttocks that cover the pubic area with fringe designs in black painting.
7. Pl. 15-a no. 8; Reg. 696; Context: surface; Colour: red; Length: 3.10 cm. Lower body with legs, abdomen and upper body missing, skirt round waist that covers buttocks hence prominent at the back, no decoration.

iv. Narrow Waist or Bottle-Shape Headless Figurines

1. Pl. 7-b no. 1; Reg. 665; Context: surface; Colour: red with over burning signs; Height: 4.00 cm. Female in gritty red terracotta, breasts are prominently shown, the lower body is made in a round disc, the upper body from the waist is bottle shaped.
2. Pl. 7-b no. 2; Reg. 666; Context: surface; Colour: red; Height: 3.60 cm. Female in gritty red terracotta, narrow waist in cylindrical form with swinging breasts, lower body is round disc shape.
3. Pl. 7-b no. 3; Reg. 669; Context: surface; Colour: red slip with black core; Height: 4.20 cm. The upper body is missing and also damaged from one side, tall lower body round disc.
4. Pl. 7-b no. 4; Reg. 537; Context: surface; Colour: reddish; Height: 3.20 cm. Lower body is perfectly round the waist, shown in cylindrical form.
5. Pl. 15-b no. 3; Reg. 702; Context: surface; Colour: reddish; Height: 3.80 cm. Lower body perfectly round but a little broken, waist in cylindrical form.
6. Pl. 7-b no. 5; Reg.: 535; Context: surface; Colour: pinkish and overfired with a black core; Height: 3.15 cm. Lower body is a round disc, the upper body is vertically straight, decorated with black painting near the base.
7. Pl. 7-b no. 6; Reg. 667; Context: surface; Colour: pinkish; Height: 3.00 cm. Lower body is round disc, upper body narrow and shown in pyramidal form.
8. Pl. 15-b no. 2; Reg. 714; Context: surface; Colour: pinkish; Height: 3.63 cm. Lower body is round disc shaped, upper body is narrow and shown in pyramidal form, little damaged at base.
9. Pl. 7-b no. 7; Reg. 670; Context: surface; Colour: pink; Height: 2.65 cm. Lower body is round disc shaped with damage from one side, decorated with two horizontal lines around the body in black painting.
10. Pl. 7-b no. 8; Reg. 668; Context: surface; Colour: pinkish red; Height: 3.45 cm. Lower body is round disc shaped, decorated with groups of three vertical lines from a line around the middle body in black painting.
11. Pl. 7-b no. 9; Reg. 536; Context: surface; Colour: reddish with black core; Height: 2.60 cm. Lower body is round disc shaped the upper portion cylindrical, painted with cross-lined design in black painting.
12. Pl. 7-b no. 10; Reg. 99; Context: 1083. Colour: greyish; Height: 2.67 cm. Lower body is round disc shaped, the waist is narrow and cylindrical, painted with triangle designs and a dotted line over the top round line in black.
13. Pl. 7-b no. 11; Reg. 91; Context: 1083; Colour: pinkish-buff; Height: 3.82 cm. It looks like a chessman, the lower body is round disc taking cylindrical shape, painted with hatched triangles along with round lines in black. The upper body is narrow like a bottleneck. It is the best specimen among the bottle shaped figurines.

14. Pl. 7-b no. 12; Reg. 333; Context: surface; Colour: buff; Height: 3.00 cm. It is shown in stylised form, made in rectangular shape, painted with palm branch design on both sides and fringe decoration in front and back in black.
15. Pl. 7-b no. 13; Reg. 106; Context: 1088; Colour: pink; Height: 4.35 cm. Lower body is round disc shaped, the upper portion is pyramidal, decorated with incised vertical lines on the lower portion.
16. Pl. 7-b no. 14; Reg. 334; Context: surface; Colour: red; Height: 3.15 cm. Lower body is round disc, decorated with incise crossed design on the lower portion.

v. Large Size Heads of Figurines

1. Pl. 8-a no. 1; Reg. 621; Context: surface; Colour: red with black core; Height: 10.65 cm. Female head with upper torso, cylindrical in shape, breasts (appliqué) portion with their traces are shown clearly but missing, pinched nose, no traces of mouth and eyes, neck is painted with fringed design in black and seems to be wearing some ornament.
2. Pl. 8-a no. 2; Reg. 620; Context: surface; Colour: red with black core; Height: 5.95 cm. Female head with upper torso, cylindrical in shape like the previous one, breasts (appliqué) portion with their traces are shown clearly but gone, pinched nose with the traces of eyes in the form of painting similarly mouth is also shown in black painting.
3. Pl. 8-a no. 3; Reg. 618; Context: surface; Colour: red with black core; Height: 5.50 cm. Cylindrical head with pinched nose, no evidence of mouth and eyes.
4. Pl. 8-a no. 4; Reg. 619; Context: surface; Colour: pinkish red; Height: 5.10 cm. Pyramidal head with pinched nose, no evidence of mouth and eyes.
5. Pl. 8-a no. 5; Reg. 617; Context: surface; Colour: red with black core; Height: 4.50 cm. Cylindrical head with pinched nose, no evidence of mouth and eyes.
6. Pl. 8-a no. 6; Reg. 616; Context: surface; Colour: red with black core; Height: 4.55 cm. Cylindrical head with pinched nose, no evidence of mouth and eyes.
7. Pl. 16-a no. 5; Reg. 712; Context: surface; Colour: pinkish red with black core; Height: 4.27 cm. Cylindrical head with pinched nose, no evidence of mouth and eyes.
8. Pl. 8-a no. 7; Reg. 658; Context: surface; Colour: pinkish red with black core; Height: 4.62 cm. Cylindrical head with pinched nose and eyes in oval shape with a dot in black painting.
9. Pl. 16-a no. 6; Reg. 713; Context: surface; Colour: pinkish with pink core; Height: 2.75 cm. Cylindrical head, neck decorated in black painted bands, pinched nose, the top of the head broken.

vi. Small Size Heads of Figurines

1. Pl. 8-b no. 1; Reg. 98; Context: 1083; Colour: red; Height: 2.80 cm. Female head with upper torso, cylindrical in shape, breasts traces are shown but missing, pinched nose, no traces of mouth and eyes, decorated neck, head and abdomen painted in black.
2. Pl. 8-b no. 2; Reg. 543; Context: 1042; Colour: brownish; Height: 2.20 cm. Cylindrical head with pinched nose, and traces of black painting over the nose, no evidence of mouth and eyes.
3. Pl. 8-b no. 3; Reg. 105; Context: 1088; Colour: pink; Height: 1.55 cm. Head with pinched nose, cylindrical shape, and black painted lines around the neck.
4. Pl. 8-b no. 4; Reg. 289; Context: 1053; Colour: pink; Height: 1.95 cm. Head with pointed top, pyramidal shape, pinched nose, no traces of painting.

vii. Large Size Rectangular Legs of Figurines

1. Pl. 9-a no. 1; Reg. 645; Context: surface; Colour: pinkish buff; Length: 8.20 cm. Broken leg, fingers portion is bent upward.

2. Pl. 9-a no. 2; Reg. 659; Context: surface; Colour: pinkish buff with black core; Length: 7.00 cm. Broken leg, fingers portion is bent upward, decorated with wavy lines and bends in black painting.
3. Pl. 9-a no. 3; Reg. 680; 1024; Colour: pinkish; Length: 7.5 cm. Broken leg, fingers portion is bent upward, foot portion decorated with two bands in black painting.
4. Pl. 9-a no. 4; Reg. 630; Context: surface; Colour: brownish with a black core; Length: 10.20 cm. Broken leg (left), fingers portion is bent upward.
5. Pl. 9-a no. 5; Reg. 629; Context: surface; Colour: pinkish red; Length: 6.70 cm. Broken leg, fingers portion is bent upward.

viii. Oval or Curved Legs of Figurines

1. Pl. 9-b no. 1; Reg. 664; Context: surface; Colour: cream slip over red; Length: 7.15 cm. A pair of broken legs both curved inward and making a circle; the front portion is missing.
2. Pl. 9-b no. 2; Reg. 628; Context: surface; Colour: red with black core; Length: 10.30 cm. Broken leg (right), curved inside, the front end is slightly damaged.
3. Pl. 9-b no. 3; Reg. 681; Context: surface; Colour: red; Length: 11.0 cm. Broken leg (left), curved inward, the pointed end is slightly turned out.
4. Pl. 9-b no. 4; Reg. 627; Context: surface; Colour: cream slip red with black core; Length: 9.75 cm. Broken leg (right), curved inside, the front end like the above is little missed.
5. Pl. 9-b no. 5; Reg. 622; Context: surface; Colour: red with black core; Length: 6.0 cm. Broken leg (left), curved inside, the front end is slightly gone.

ix. Straight Legs of Figurines

1. Pl. 9-b no. 6; Reg. 624; Context: surface; Colour: reddish brown with black core; Length: 9.65 cm. Broken leg (right) with buttocks, thick and round in shape, the front pointed end is missing.
2. Pl. 9-b no. 7; Reg. 625; Context: surface; Colour: reddish grey with black core; Length: 9.35 cm. Broken leg (right) with thick buttocks, thick in shape.
3. Pl. 9-b no. 8; Reg. 538; Context: surface; Colour: buff slip over red with a black core; Length: 8.85 cm. Broken leg (right) with thick buttocks and sharp pointed end.
4. Pl. 9-b no. 9; Reg. 626; Context: surface; Colour: pinkish red with black core; Length: 8.65 cm. Broken leg (right) with thick buttocks and sharp pointed end.
5. Pl. 9-b no. 10; Reg. 623; Context: surface; Colour: pinkish red with grey core; Length: 7.30 cm. Broken leg (right) with thick buttocks, short and with sharp pointed end, bands and fringe designs round body in black painting.
6. Pl. 16-a no. 2; Reg. 711; Context: surface; Colour: pinkish with black core; Length: 6.47 cm. Broken leg (left) with thick buttocks, sharp and short pointed end.

x. Small Curved Legs of Figurines

1. Pl. 10-a no. 1; Reg. 611; Context: surface; Colour: red with black core; Length: 3.40 cm. A pair of legs with round buttocks curved inward, the front end is partly missing.
2. Pl. 10-a no. 2; Reg. 613; Context: surface; Colour: pinkish red; Length: 4.30 cm. Broken leg in curved shape, the front end is partly missing.
3. Pl. 10-a no. 3; Reg. 27; Context: 1016; Colour: pinkish slip with grey core; Length: 3.30 cm. Broken leg in curved shape, the front end is slightly gone.
4. Pl. 10-a no. 4; Reg. 608; Context: surface; Colour: red with black core; Length: 3.42 cm. Broken leg (left) in curved shape, the front end is missing.
5. Pl. 10-a no. 5; Reg. 610; Context: surface; Colour: pink slip with black core; Length: 4.65 cm. Broken leg in curved shape, the front end is slightly gone.
6. Pl. 10-a no. 6; Reg. 541; Context: surface; Colour: pinkish red with black core; Length: 2.65 cm. Broken leg in curved shape, the front end is partly missing.

7. Pl. 10-a no. 7; Reg. 26; Context: 1016; Colour: pinkish; Length: 2.15 cm. Broken leg in curved shape, the front end is partly missing.

xi. Small Straight Legs of Figurines

1. Pl. 10-a no. 8; Reg. 540; Context: surface; Colour: greyish red with black core; Length: 3.30 cm. Broken leg with the pointed end.
2. Pl. 10-a no. 9; Reg. 683; Context: surface; Colour: red; Length: 4.10 cm. Broken leg with pointed end, no painting.
3. Pl. 10-a no. 10; Reg. 609; Context: surface; Colour: red; Length: 4.54 cm. Broken leg (left), the end point is slightly gone, thigh portion decorated with triangle in black painting.
4. Pl. 10-a no. 11; Reg. 682; Context: surface; Colour: pink; Length: 5.50 cm. Broken leg, thigh painted with wavy lines in black.
5. Pl. 10-a no. 12; Reg. 4; Context: 1002; Colour: pink with black core; Length: 3.00 cm. Broken leg with pointed end, painted in black.
6. Pl. 10-a no. 13; Reg. 511; Context: 1071; Colour: pink with black core; Length: 2.70 cm. Broken leg painted with wavy lines in black.
7. Pl. 10-a no. 14; Reg. 312; Context: 1002; Colour: pink; Length: 2.35 cm. Broken narrow leg and no traces of paint.
8. Pl. 10-a no. 15; Reg. 291; Context: 1053; Colour: pink; Length: 1.75 cm. Broken leg with the finger portion bent upwardly, the top and front portion is painted in black.
9. Pl. 14-a no. 4; Reg. 706; Context: surface; Colour: pinkish with black core; Length: 4.28 cm. Left leg with round tip, no painting.
10. Pl. 14-a no. 3; Reg. 707; Context: surface; Colour: pinkish red with same core; Length: 3.42 cm. Broken leg in rectangular form, no painting.

xii. Twisted Legs of Figurines

1. Pl. 10-a no. 16; Reg. 566; Context: surface; Colour: pink with pink core; Length: 4.22 cm. Broken leg, turned back from its knee looks like a figurine was shown seated on his knee and there are traces of wavy lines in black painting.

xiii. Standing Shouldered Figurine

1. Pl. 10-b no. 2; Reg. 97; Context: 1083; Colour: pinkish grey; Height: 6.20 cm. Headless female with outstretched short arms which make the breast portion in a triangle shape, narrow waist and small applique breasts, exaggerated buttocks and the signs of fingers at the foot, wearing necklace in the form of fringe painted design in black.

iv. Reclining Shouldered Figurines

1. Pl. 10-b no. 1; Reg. 23; Context: 1023; Colour: pinkish slip with greyish core; Height: 6.40 cm. Torso of female, head missing, legs partly broken, outstretched short arms, prominent breasts, belly is slightly bulky and the narrow waist. Decoration found on the entire body and the designs include fringed lines at neck, dots on the nipple of the breasts, rib design stretching below the breasts down to the fringed belt and the wavy lines on the legs in brown painting.

xv. Large Body of Shouldered Figurines

1. Pl. 11-a no. 1; Reg. 66; Context: 1062; Colour: cream to pinkish slip over the red with black core; Height: 10.90 cm. Torso of female with head and lower body missing, outstretched short arms, prominent breasts with pointed nipples which are slightly gone. Decoration is seen at the neck in the form of fringed design and also some traces on and below the breasts in brown painting.

2. Pl. 11-a no. 2; Reg. 633; Context: surface; Colour: pinkish red; Height: 7.70 cm. Middle torso of female, the chest with short arms makes a triangle shape. Breasts are missing but traces are visible, painted wavy lines at the back in black are seen.

xvi. Small Body of Shouldered Figurines

1. Pl. 12-a no. 1; Reg. 2; Context: 1002; Colour: pink with black core; Height: 4.00 cm. Female figurine, upper body with pinched nose small head, raised arms and traces of applique breasts.
2. Pl. 12-a no. 2; Reg. 281; Context: 1134; Colour: pinkish; Height: 3.85 cm. Headless upper body of female with short raised arms, narrow cylindrical waist, prominent applique breasts of which one is gone fringe painted design around the neck in black.
3. Pl. 12-a no. 3; Reg. 651; Context: surface; Colour: orange with grey core; Height: 3.22 cm. Headless upper body of female figurine with short raised arms, prominent applique breasts, as to the previous one, traces of painting around the neck and breast in black.
4. Pl. 12-a no. 4; Reg. 602; Context: surface; Colour: red with a black core; Height: 2.70 cm. Headless upper body of female figurine with short arms, narrow waist and applique breasts.
5. Pl. 12-a no. 5; Reg. 603; Context: surface; Colour: pink; Height: 2.55 cm. Headless upper body of female figurine with short arms, narrow cylindrical waist and applique breasts.
6. Pl. 12-a no. 6; Reg. 327; Context: surface; Colour: pink with a black core; Height: 3.30 cm. Headless upper body of female figurine with applique breasts and short arms but mostly missing.

xvii. Standing Breastless Figurines

1. Pl. 12-b no. 1; Reg. 1; Context: 1002; Colour: pink; Height: 10.55 cm. Headless standing figurine with short outstretched arms, narrow waist, left leg partly broken, geometric decoration applied around neck, chest and buttocks and a spot on abdomen in black.

xviii. Large Body Breastless Figurines

1. Pl. 12-b no. 2; Reg. 31; Context: 1040; Colour: cream slip on pink with a black core; Height: 7.83 cm. Headless upper body with outstretched arms, painted bands around the neck and abdomen in black.
2. Pl. 12-b no. 3; Reg. 632; Context: surface; Colour: cream slip over pink with a black core; Height: 6.60 cm. Headless upper body with stumpy outstretched arms, four painted bands around the neck in black.

xix. Small Size Breastless Figurines

1. Pl. 13-a no. 1; Reg. 656; Context: surface; Colour: pinkish slip over grey with black core; Height: 4.30 cm. Headless upper body (chest portion only) with stumpy outstretched arms.
2. Pl. 13-a no. 2; Reg. 534; Context: surface; Colour: pinkish red slip over red; Height: 5.75 cm. Upper torso with head and lower body broken, back shown in projected form.
3. Pl. 13-a no. 3; Reg. 533; Context: surface; Colour: pinkish slip over grey with black core; Height: 3.10 cm. Headless upper body with short arms, narrow waist and the chest shown in a triangle shape.
4. Pl. 13-a no. 4; Reg. 631; Context: surface; Colour: pinkish slip with grey core; Height: 3.15 cm. Upper body of human figurine with pinched nose and short arms.
5. Pl. 13-a no. 5; Reg. 104; Context: 1083; Colour: pinkish slip with grey core; Height: 3.65 cm. Headless upper body with short arms and the neck is painted with bands (fringe and plain) in chocolate colour.
6. Pl. 13-a no. 6; Reg. 655; Context: surface; Colour: cream slip over red with grey core; Height: 3.75 cm. Headless upper body with cylindrical neck and stumpy outstretched arms, black painted bands and fringe designs around the neck but mostly obliterated.

7. Pl. 13-a no. 7; Reg. 336; Context: surface; Colour: red; Height: 3.70 cm. Human torso with prominent buttocks. Head, arms and legs broken.
8. Pl. 13-a no. 8; Reg. 103; Context: 1083; Colour: grey; Height: 2.10 cm. Headless upper body with stumpy outstretched arms, fringe decoration around the neck in black.
9. Pl. 16-b no. 2; Reg. 701; Context: surface; Colour: pinkish with black core; Height: 3.17 cm. Headless upper body with stumpy outstretched arms and narrow waist and no traces of decoration.

xx. Sitting Short Legs Large Size Breastless Figurines

1. Pl. 15-a no. 1; Reg. 693; Context: surface; Colour: pink with black core; Height: 3.76 cm. Lower body of seated figurine having wide thick buttocks and short legs with round tip, painted fringe design round waist.
2. Pl. 15-a no. 2; Reg. 694; Context: surface; Colour: pink with grey core; Height: 2.86 cm. Lower body of seated figurine as above, wide thick buttocks and short legs with round tip.

xxi. Sitting Short Legs Small Size Breastless Figurines

1. Pl. 13-b no. 6; Reg. 87; Context: 1083; Colour: grey; Height: 3.90 cm. Seated figurine with short parallel legs, short arms and pinched nose, fringe designs round the neck and waist in black painting.
2. Pl. 13-b no. 7; Reg. 213; Context: surface; Colour: grey; Height: 3.90 cm. Headless seated figurine with open legs, narrow waist and short arms. Colour: grey; Height: 3.90 cm.
3. Pl. 16-b no. 1; Reg. 700; Context: surface; Colour: pink; Height: 2.44 cm. Headless seated female with short arms, legs broken from thigh, traces of applique breasts and a deep groove at the waist.
4. Pl. 13-b no. 8; Reg. 328; Context: 1088; Colour: pink; Height: 2.15 cm. Headless seated figurine, lower body with legs, narrow waist, short arms, hatched triangle around the waist and fringed design on the neck in black painting.
5. Pl. 13-b no. 9; Reg. 615; Context: surface; Colour: cream slip over red; Height: 2.33 cm. Headless seated figurine, the legs are shown in a triangle form, the waist in cylindrical form with applique band (belt) at the top.

xxii. Narrow Waist Disc Base Breastless Figurines

1. Pl. 13-b no. 1; Reg. 325; Context: surface; Colour: pinkish slip over grey; Height: 7.45 cm. Headless figurine with short raised arms, lower body is round disc, the belly seems to be of a pregnant lady but no evidence of breasts. Neck and lower waist decorated with fringed designs in black painting.
2. Pl. 13-b no. 2; Reg. 59; Context: 1053; Colour: pink with black core; Height: 6.25 cm. Headless figurine with short arms, more stylized and the lower round body not finished. It seems to be broken from some pot.
3. Pl. 13-b no. 3; Reg. 601; Context: surface; Colour: pink with black core; Height: 6.70 cm. Tall lower round body, narrow waist and short arms.
4. Pl. 13-b no. 4; Reg. 96; Context: 1083; Colour: pink with black core; Height: 3.40 cm. Lower round disc with narrow waist and stumpy outstretched arms.
5. Pl. 15-b no. 1; Reg. 699; Context: surface; Colour: red; Height: 5.45 cm. Lower round disc with narrow waist and stumpy outstretched arms, beautifully made, neck and lower disc decorated in black painting, neck with fringe and disc with triangles.
6. Pl. 13-b no. 5; Reg. 114; Context: 1119; Colour: pinkish red; Height: 3.07 cm. Lower round disc with narrow waist as above, small in size, stumpy outstretched arms, neck and waist decorated in black painting.

xxiii. Parallel Legs Seated Breastless Figurines

1. Pl. 14-a no. 1; Reg. 6; Context: 1002; Colour: cream slip; Length: 5.35 cm. Pair of broken legs of seated figurine with small portion of projected abdomen, long parallel legs.
2. Pl. 14-a no. 2; Reg. 60; Context: 1054; Colour: pinkish red; Length: 5.06 cm. Pair of broken legs with waist portion of a seated figurine, waist and thigh portion is decorated in black painting.
3. Pl. 14-a no. 3; Reg. 61; Context: 1054; Colour: pinkish; Length: 4.00 cm. Pair of broken legs of a seated figurine with sharp pointed end.
4. Pl. 14-a no. 4; Reg. 3; Context: 1003; Colour: reddish; Length: 5.45 cm. Lower body with pair of legs of a seated figurine, waist in cylindrical form and the legs parallel with little gape and bent down at the end.
5. Pl. 14-a no. 5; Reg. 605; Context: surface; Colour: red; Length: 4.20 cm. Lower body with left leg of seated figurine, the leg is straight and flattened to the inner side and with a pointed end.
6. Pl. 14-a no. 6; Reg. 335; Context: surface; Colour: red; Length: 5.55 cm. Lower body with right leg of a seated figurine, flattened at base and inner side and bent down in the middle.
7. Pl. 15-a no. 7; Reg. 710; Context: surface; Colour: reddish buff; Length: 5.57 cm. Lower body with long parallel legs of a seated figurine with projected abdomen (pregnant) and a belt round the body. The entire body is decorated with oblique lines in black.

xxiv. Breasts of Female Figurines

1. Pl. 11-b no. 1; Reg. 24; Context: 1016; Colour: pinkish; Height: 6.36 cm. Upper body of a female figurine with prominent breasts and pinched nose. The lower body missing.
2. Pl. 14-b no. 1; Reg. 692; Context: surface; Colour: pinkish buff; Height: 4.10 cm. Middle part of a pregnant female figurine with prominent breasts separated by a thin vertical line. The head and body below abdomen are missing.
3. Pl. 11-b no. 1; Reg. 634; Context: surface; Colour: pinkish with a black core; diameter: 4.00 cm. Single broken breast with a pointed nipple of a female figurine of a large size.

ANIMAL FIGURINES

i. Bull Figurines

1. Pl. 17-a no. 1; Reg. 331; Context: surface; Colour: cream slip red with grey core; Length: 8.10 cm. Large size bull figurine, head and hump broken, short open legs, narrow dewlap and applique tail.
2. Pl. 17-a no. 2; Reg. 129; Context: surface; Colour: pinkish with black core; Length: 8.70 cm. Bull with head and legs partially broken, narrow pinched hump and applique tail.
3. Pl. 17-a no. 3; Reg. 674; Context: surface; Colour: red slip; Length: 6.25 cm. Bull with large size swollen hump, short horns of which one is broken, mouth portion also broken the stumpy legs, narrow body, genitalia and applique tail are seen.
4. Pl. 17-a no. 4; Reg. 642; Context: surface; Colour: pinkish; size: Length: 8.00 cm. Bull torso with broken legs, face also missing, horns partly broken, dewlap and traces of the applique hump are prominent.
5. Pl. 17-a no. 5; Reg. 673; Context: surface; Colour: pinkish slip over red with black core; Length: 4.75 cm. Forequarters of a bull figurine with prominent hump. Face and front legs broken.
6. Pl. 17-a no. 6; Reg. 338; Context: surface; Colour: pinkish; Length: 4.40 cm. Humped bull with a front leg and genitalia. Other legs broken. The head and tail also missing.
7. Pl. 17-a no. 7; Reg. 635; Context: surface; Colour: pinkish brown; Length: 3.35 cm. Bull torso with head and legs partially broken. Traces of the applique hump and a tail are found.

Ancient Pakistan, Vol. XIV

8. Pl. 16-a no. 1; Reg. 708; Context: surface; Colour: pink with black core; Length: 7.00 cm. Head with pronounced hump (turned to back) of bull, horns and remaining body broken.

ii. Cow Figurines

1. Pl. 17-a no. 8; Reg. 675; Context: surface; Colour: pinkish with black core; Length: 6.20 cm. Cow with face and legs partially broken, a dewlap, udder with four teats, narrow body and applique tail.
2. Pl. 17-a no. 9; Reg. 676; Context: surface; Colour: brownish slip with black core; Length: 6.00 cm. Headless cow with stumpy legs, narrow dewlap, udder with four teats, applique tail but missing and narrow body.

iii. Unidentified Animal Figurines

1. Pl. 17-b no. 1; Reg. 672; Context: surface; Colour: red with black core; Length: 5.50 cm. Large size hindquarter of an animal with thick body, stumpy legs and traces of applique tail.
2. Pl. 17-b no. 2; Reg. 671; Context: surface; Colour: red; Length: 5.20 cm. Hindquarter of an animal with long legs, narrow body and applique tail.
3. Pl. 17-b no. 3; Reg. 414; Context: 1127; Colour: pinkish slip with black core; Length: 4.90 cm. Forequarter of an animal with legs and head broken. Hind portion missing.
4. Pl. 17-b no. 4; Reg. 539; Context: surface; Colour: pinkish red; Length: 8.00 cm. Stylized animal with gritty red body, flat shape and rough surface;

iv. Horn of Animal figurines

1. Pl. 17-b no. 5; Reg. 318; Context: 1054; Colour: cream slip; Length: 3.85 cm. Broken horn in curved shape.

v. Leg of Animal Figurine

1. Pl. 17-b no. 6; Reg. 313; Context: 1022; Colour: cream slip; Length: 2.45 cm. Broken leg of animal, decorated with a black line.

B. BONE AND ANTLER OBJECTS*i. Bone Points*

1. Pl. 18-a no. 1; Reg. 73; Context: 1076; Length: 9.50 cm. Long, heavy point tool, well polished, pointed end and base broken.
2. Pl. 18-a no. 2; Reg. 303; Context: 1088; Length: 8.55 cm. Point tool, well polished, pointed end broken and base partly missing.
3. Pl. 18-a no. 3; Reg. 300; Context: 1088; Length: 7.50 cm. Point tool, beautifully made and well-polished. The sharp pointed tip is slightly broken.
4. Pl. 18-a no. 4; Reg. 413; Context: 1127; Length: 7.75 cm. Point tool, well polished with sharp pointed tip, base not provided.
5. Pl. 18-a no. 5; Reg. 316; Context: 1054; Length: 4.25 cm. Sharp pointed tip, well polished of which the base is broken.
6. Pl. 18-a no. 6; Reg. 314; Context: 1013; Length: 3.65 cm. Sharp pointed tip, as above, the other end is broken.
7. Pl. 18-a no. 7; Reg. 283; Context: 1118; Length: 4.00 cm. Pointed end with sharp tip as above, the tip is slightly damaged.
8. Pl. 18-a no. 8; Reg. 319; Context: 1054; Length: 4.90 cm. Sharp pointed tip as above, round in section, the base end is missing.
9. Pl. 18-a no. 9; Reg. 510; Context: 1071; Length: 4.00 cm. Sharp pointed tip as above, well ground and polished.

10. Pl. 18-a no. 10; Reg. 317; Context: 1054; Length: 3.50 cm. Sharp pointed tip, well polished as above.
11. Pl. 18-a no. 11; Reg. 293; Context: 1077; Length: 3.00 cm. Sharp pointed tip, well polished as above.
12. Pl. 18-a no. 12; Reg. 458; Context: 1045; Length: 3.3.5 cm. Pointed end, well polished and slightly damaged tip.
13. Pl. 18-a no. 13; Reg. 306; Context: 1088; Length: 2.35 cm. Small piece of a pointed tool, well polished and the pointed tip broken.
14. Pl. 18-a no. 14; Reg. 8; Context: 1002; Length: 4.85 cm. Pointed tool, well polished, triangular in shape with a sharp pointed tip, the other end is broken, flattened faces probably made of rib bone.
15. Pl. 18-a no. 15; Reg. 74; Context: 1076; Length: 4.60 cm. Sharp pointed tip, triangular in shape showing a flake cut from a bone, the other end is broken, not polished.
16. Pl. 18-a no. 16; Reg. 287; Context: 1053; Length: 3.70 cm. Sharp Pointed tip made in arrow shape and polished on one side.

ii. Bone Blades

1. Pl. 18-b no. 1; Reg. 304; Context: 1088; Length: 7.45 cm. Blade tool, well polished, with curved edge probably made of a rib.
2. Pl. 18-b no. 2; Reg. 315; Context: 1118; Length: 4.80 cm. Fragment of a convex blade tool, well polished and made in tapering shape.
3. Pl. 18-b no. 3; Reg. 544; Context: 1042; Length: 2.00 cm. Blade tool as above but smaller in size, well polished and flattened on both faces.
4. Pl. 18-b no. 4; Reg. 305; Context: 1088; Length: 6.75 cm. Long blade tool in curved shape, well polished, both ends broken.
5. Pl. 18-b no. 5; Reg. 284; Context: 1118; Length: 6.75 cm. Knife blade, well polished one edge is straight and blunt and the other is curved, sharp and with pointed tip. Length: 6.75 cm.

iii. Bone Spatula

1. Pl. 18-b no. 6; Reg. 456; Context: 1119; Length: 5.30 cm. Bone spatula with broad terminal end, ground and polished, thick in the middle with parallel sides, the other end is broken.

iv. Antler Tools

1. Pl. 18-b no. 7; Reg. 117; Context: 1125; Length: 12.20 cm. Long antler tool, highly polished, curved in shape, the point end is broken and the other is unfinished.
2. Pl. 18-b no. 8; Reg. 123; Context: 1127; Length: 9.00 cm. Antler tool, white, ground, polished and well finished, tapered and curved in shape, one end is pointed and the other is round.

v. Bone Whistle

1. Pl. 18-b no. 9; Reg. 307; Context: 1076; Length: 7.00 cm. Hole is made across the bone like a needle i.e., either the proximal or distal end of the metacarpal or metatarsal bone of sheep or goat, highly polished and one end slightly broken.

vi. Bone Flute Fragment

1. Pl. 18-b no. 10; Reg. 455; Context: 1119; Length: 3.20 cm. Fragment of a broken flute, well polished and decorated with engraved line at the end.

vii. Bone Antimony Rod

1. Pl. 18-b no. 11; Reg. 78; Context: 1076; Length: 2.10 cm. Fragment of a needle, ground and polished, tapering shape and pointed end.

viii. Bone Button

1. Pl. 18-b no. 12; Reg. 437; Context: 1053; Size: diameter: 1.10 cm. Round shape, ground and well polished, flattened on both sides.

ix. Bone Tablet

1. Pl. 18-b no. 13; Reg. 286; Context: 1053; Length: 3.35 cm. Diamond shape tablet in convex form with both surfaces flattened and polished.

C. PASTE AND STONE OBJECTS

1. Pl. 19-a no. 1; Reg. 9; Context: surface; Diameter: 1.30 cm. Ribbed pellet-shaped spherical bead in grey colour stone.
2. Pl. 19-a no. 2; Reg. 677; Context: surface; Diameter: 0.60 cm. Rough spherical bead in a bluish colour; stone.
3. Pl. 19-a no. 4; Reg. 86; Context: 1083; Diameter: 0.38 cm. Tiny bead of a short cylindrical form in whitish colour paste.
4. Pl. 19-a no. 5; Reg. 678; Context: surface; Length: 2.70 cm: diameter: 0.80 cm. Long barrel shaped bead, polished and well finished reddish stone.
5. Pl. 19-a no. 3; Reg. 10; Context: surface; Length: 1.85 cm: thickness: 0.30 cm. Pendentive bead, elongated in shape, base flatten and surface raised, blue colour lapis lazuli.

D. MISCELLANEOUS OBJECTS*i. Disc Shaped Objects*

1. Reg. 100; Context: 1083; Colour: pinkish; Diameter: 2.15 cm. Terracotta Round disc made from a potsherd and decorated with painted lines.
2. Reg. 25; Context: 1016; Colour: whitish; Diameter: 2.95 cm. Fragment of a round disc shell with traces of a hole in the center but broken from the middle.

ii. Stone Diamond Shaped Objects

1. Reg. 288; Context: 1053; Size: 2.18x1.20 cm. Diamond shaped object of a well finished transparent stone.
2. Reg. 444; Context: 1053; Size: 1.80x0.80 cm. Diamond shaped object of stone as above.

iii. Terracotta Toy Cart Frame

1. Pl. 19-b no. 1; Reg.. 684; Context: surface; Colour: red; Length: 6.00 cm and Width: 6.70 cm. Rectangular frame of a toy cart, partly broken, flattened body, encircled at edges and two holes one at each corners.

iv. Star like Object

1. Pl. 19-b no. 3; Reg.. 685; Context: surface; Colour: pink; Length: 4.50 cm, Thickness: 2.10 cm. Star like object with top and base are flattened.

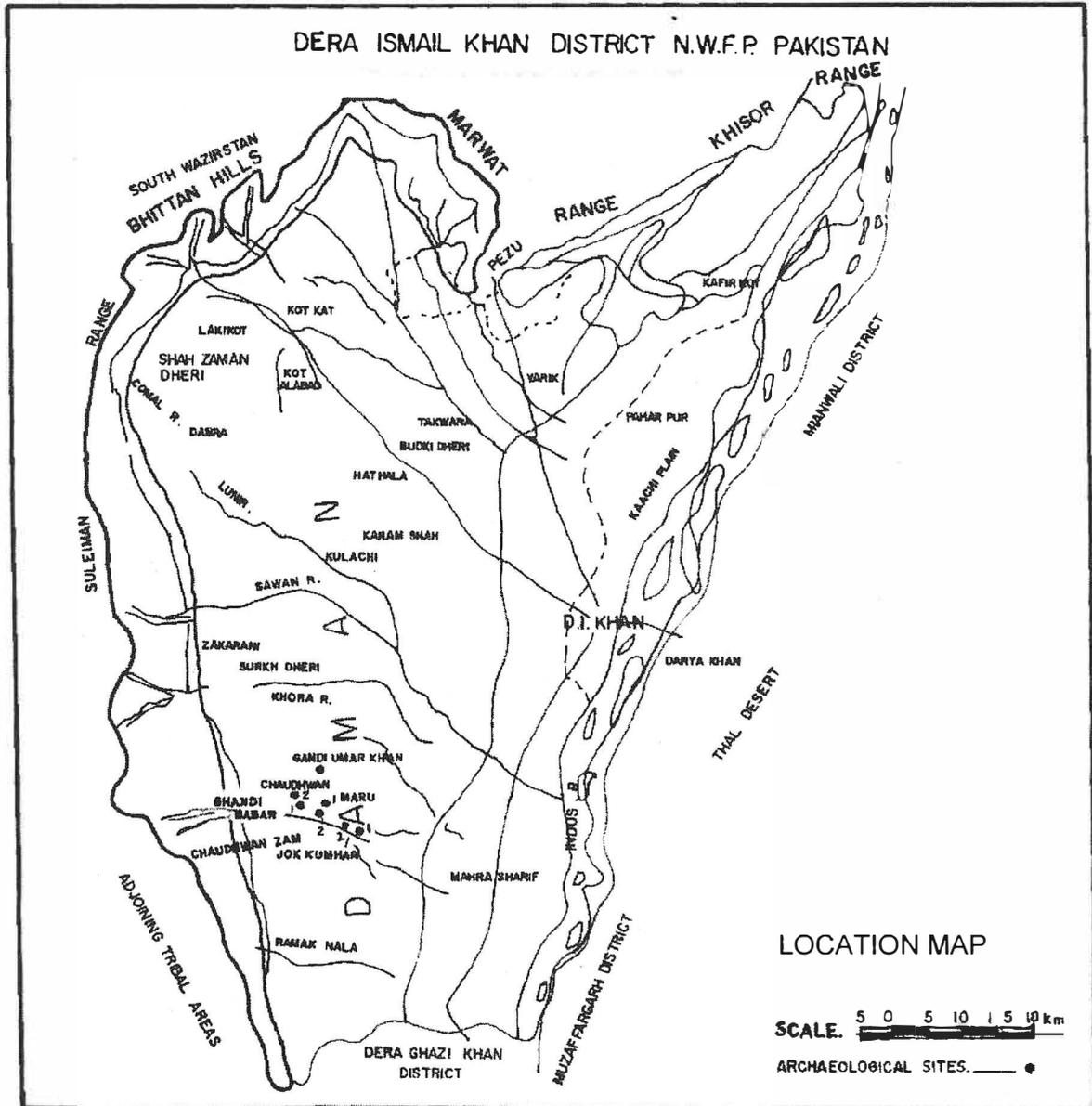
Note

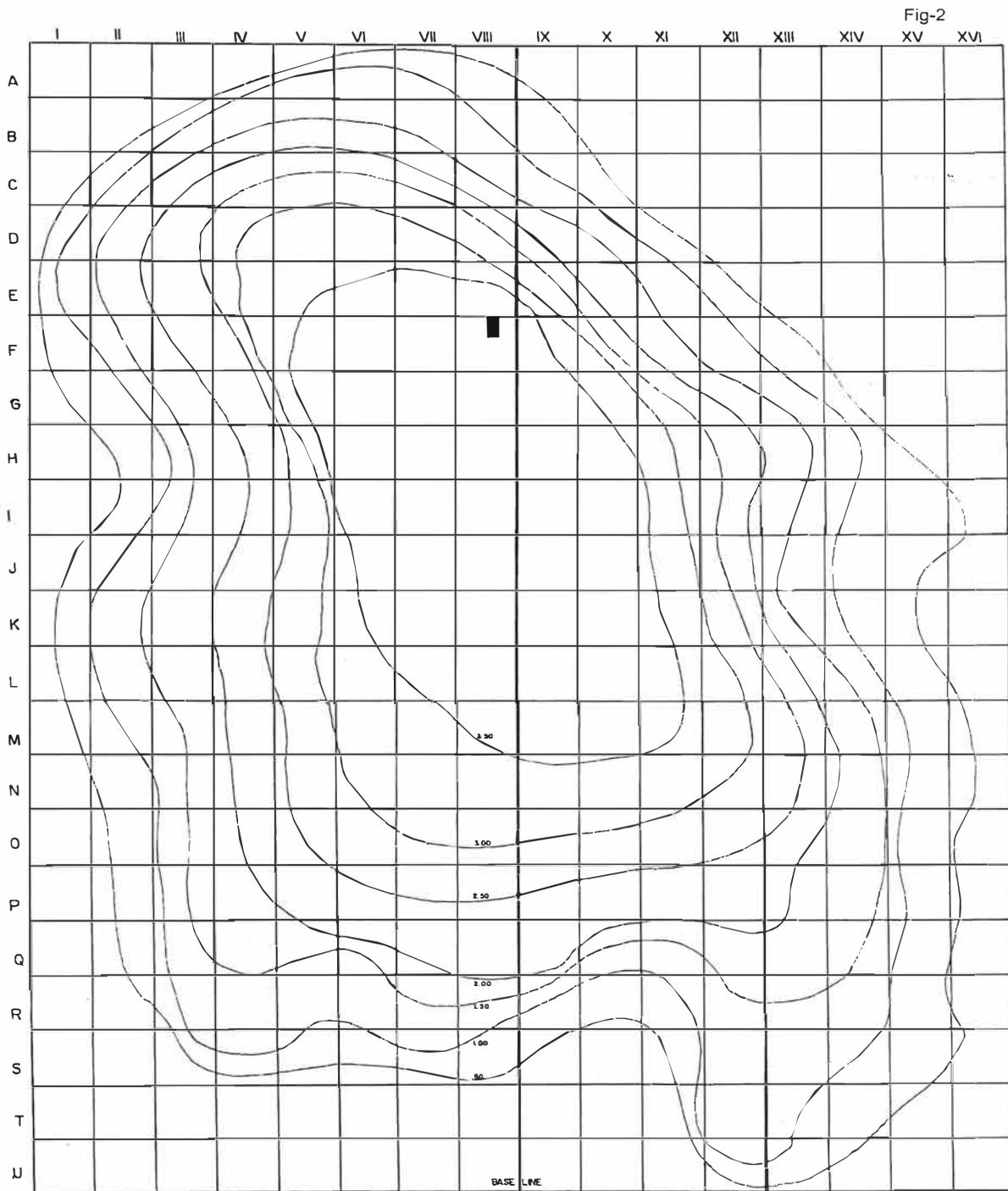
¹ Verbal discussion with Randall Law, a Full Bright Ph.D. scholar conducting research on the sources of stone obtained for making tools and beads in the Neolithic and Early Bronze Age periods of Pakistan.

Bibliographic References

- Dani, A.H., 1970-71, "Excavations in the Gomal Valley", *Ancient Pakistan*, V, Peshawar.
- Durrani, F.A., 1988, Excavations in the Gomal Valley, *Ancient Pakistan*, VI, Peshawar.
- 1994-95, Excavations in the Gomal Valley, Rehman Dheri Report 2, *Ancient Pakistan*, X, Peshawar.
- Durrani, F.A., Ali, I. & Erdosy, G., 1991, Further Excavations at Rehman Dheri, *Ancient Pakistan*, VII, Peshawar, pp. 61-151.
- Flevin, K., Ali, I. & Erdosy, G., 1994-95, Terracotta Human Figurines of Rehman Dheri, *Ancient Pakistan*, X, Peshawar, pp. 82-124.
- Halim, M.A., 1972, Excavations at Sarai Khola, Part II, *Pakistan Archaeology* 8, Karachi, pp. 1-112.
- Khan, F., Knox, J.R. & Thomas, K.D., 1991, Explorations and Excavations in Bannu District, North-West Frontier Province, Pakistan, 1985-88, *British Museum Occasional Paper 80*, London.
- 2000, Jhandi Babar, a new site in the Gomal Plain, and the Sheri Khan Tarakai Culture Complex, *Journal of Asian Civilization*, XXIII, no. 2, pp. 27-50.
- Khan, F.A., (1965). Excavations at Kot Diji, *Pakistan Archaeology* 2, Karachi, pp. 11-85.
- Knox, J.R. & Allchin, F.R., (1986). The Lewan Pottery, Lewan and the Bannu Basin, *Excavations and Survey of Sites and Environments in North West Pakistan*, BAR International series 310, Oxford, pp. 103-112; 209-253.
- Rehman, A., (1987). The Discoveries of a New Cultural Horizon at Jhandi Babar Near Dera Ismail Khan, *Punjab Journal of Archaeology and History*, No. 1, Lahore, pp. 37-40.
- Samzun, A., (1991). The Early Chalcolithic: Mehrgarh Period III, *Forgotten Cities on the Indus*, Early Civilizations in Pakistan from the 8th to the 2nd Millenium BC, Mainz, pp. 66-72.
- Stein, A., (1929). An Archaeological Tour in Waziristan and Northern Baluchistan, *Memoirs of the Archaeological Survey of India*, No. 37.
- Swati, M.F. & Ali, T., (1998). In Quest of New Cultural Horizons in the Gomal Plain, Information Release, *National Heritage Foundation*, Peshawar.

Fig. 1





JHANDI BABAR.I
 CONTOUR INTERVAL . 50cm
 EXCAVATED TRENCH. ■
 SCALE. _____ 1cm=10cm.

Fig. 3

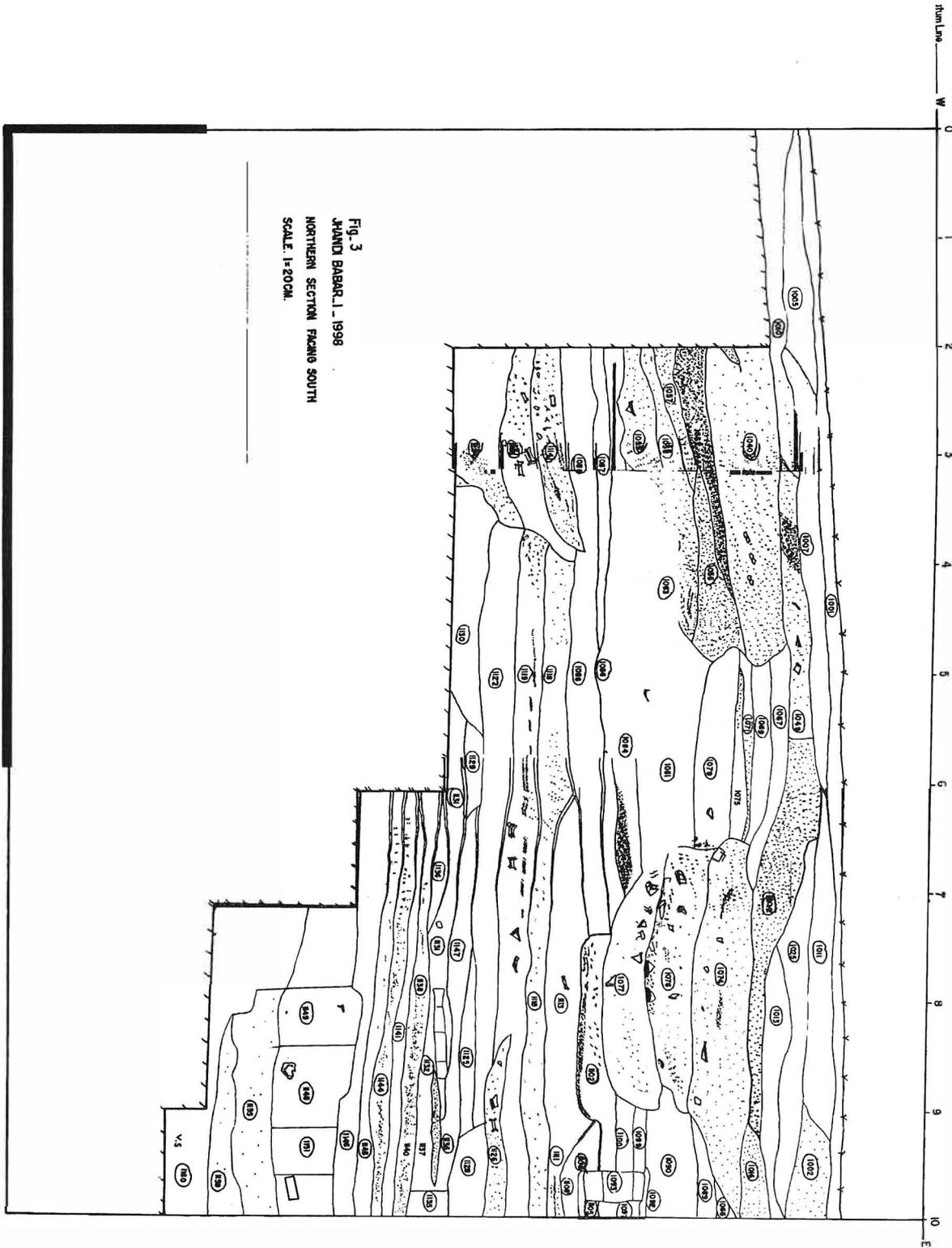
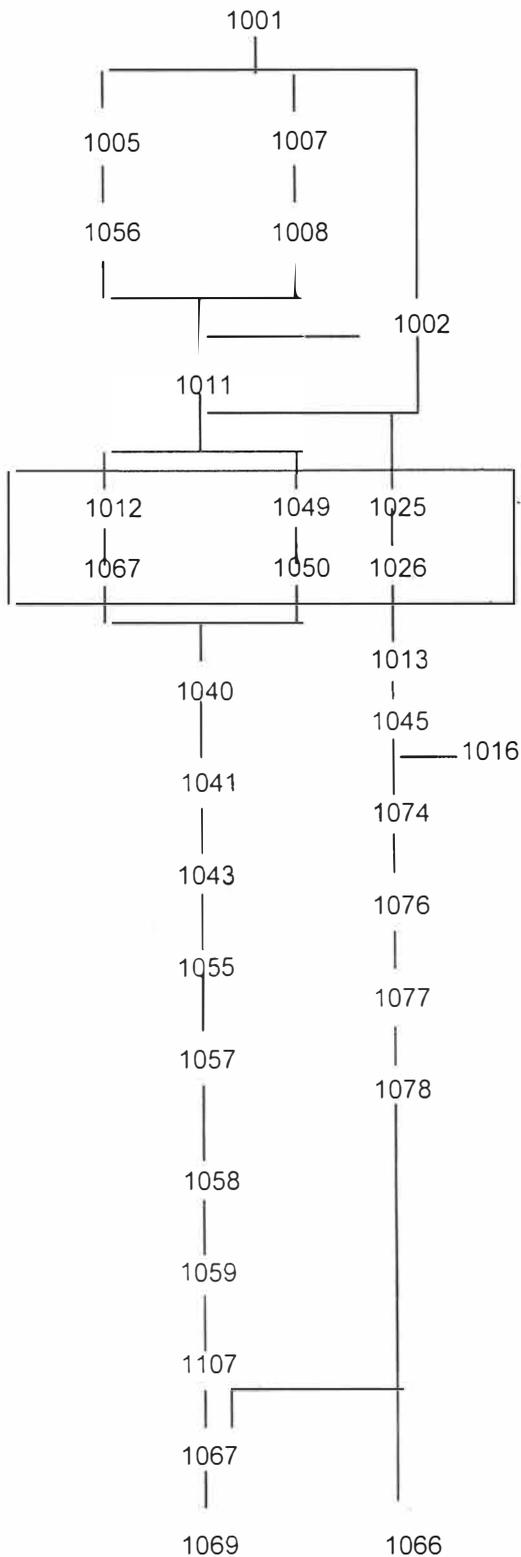
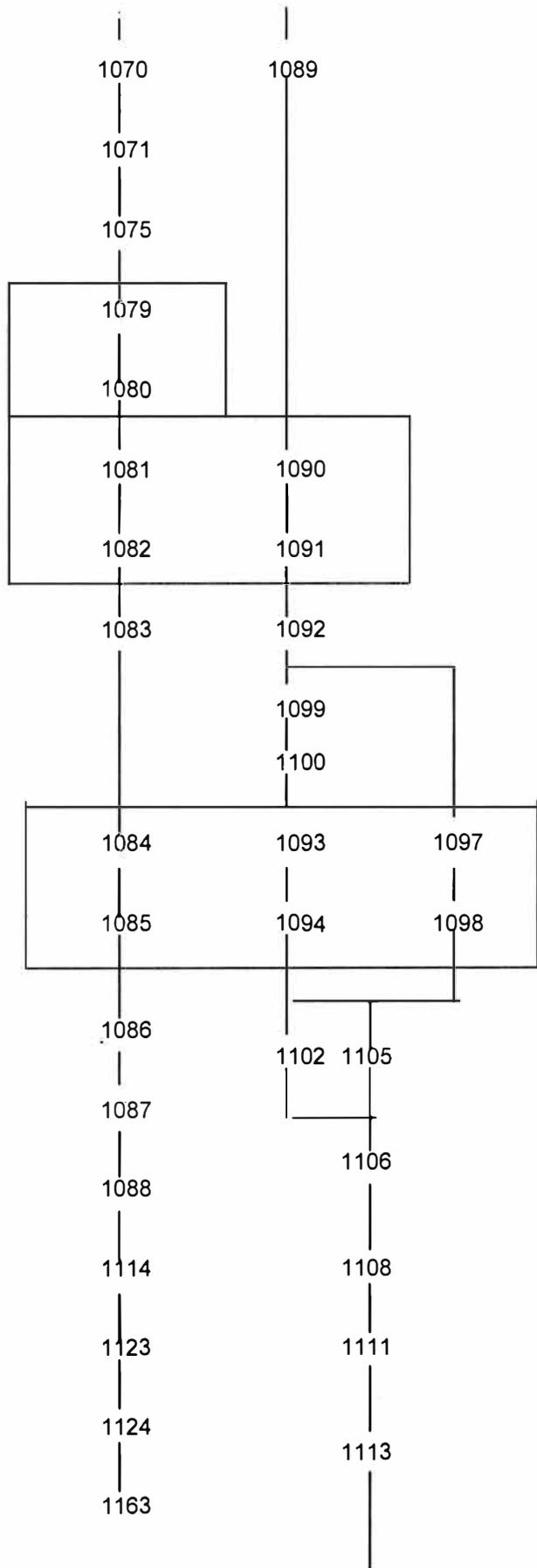
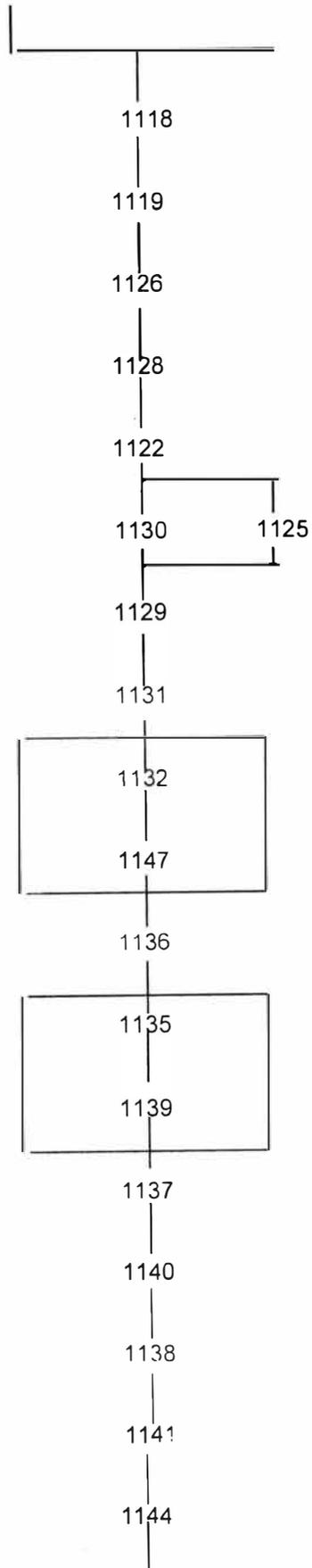


Figure 4

MATRIX
1998 Excavation Jhandi Babar I, D.I. Khan
Northern Section Facing South







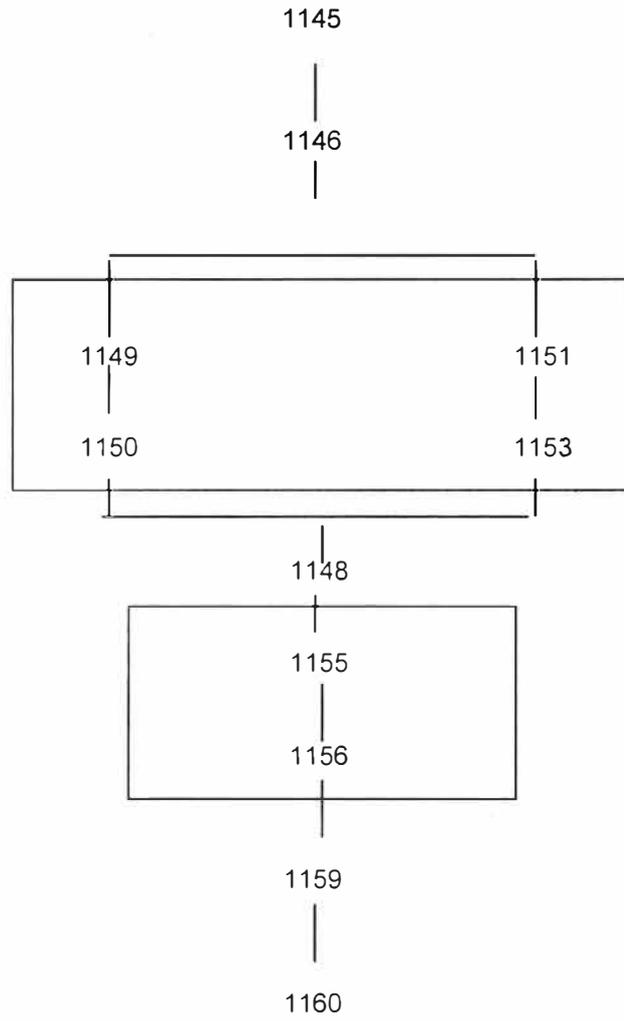




Plate 1-a: General view of a trench from the western side.



Plate 1-b: Bowl containing bird bones in situ.



Plate 2-a: Close view of the virgin soil.



Plate 2-b: Stratification in the trench.



Plate 3-a: Group-A. Painting pottery of the Neolithic Period.



Plate 3-b: Group-B, Painting pottery of the Neolithic Period.



Plate 4-a: Pottery with zoomorphic designs.



Plate 4-b: Nos. 1-4, Group-III, Neolithic Period pottery;
Nos. 5-8, Early Bronze Age pottery.

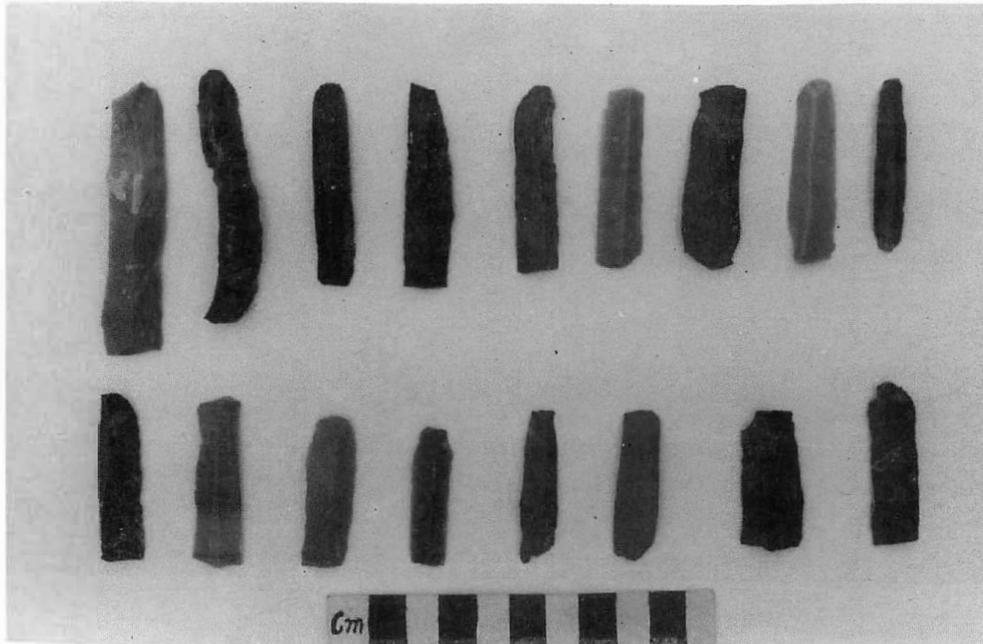


Plate 5-a: Flake stone-tools.

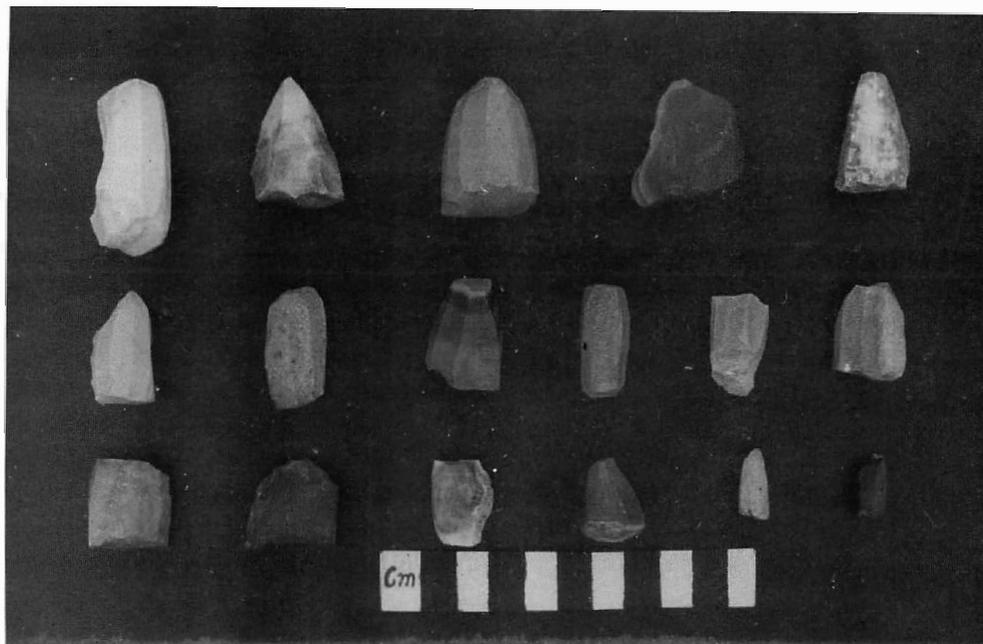


Plate 5-b: Core stone-tools of various shapes.

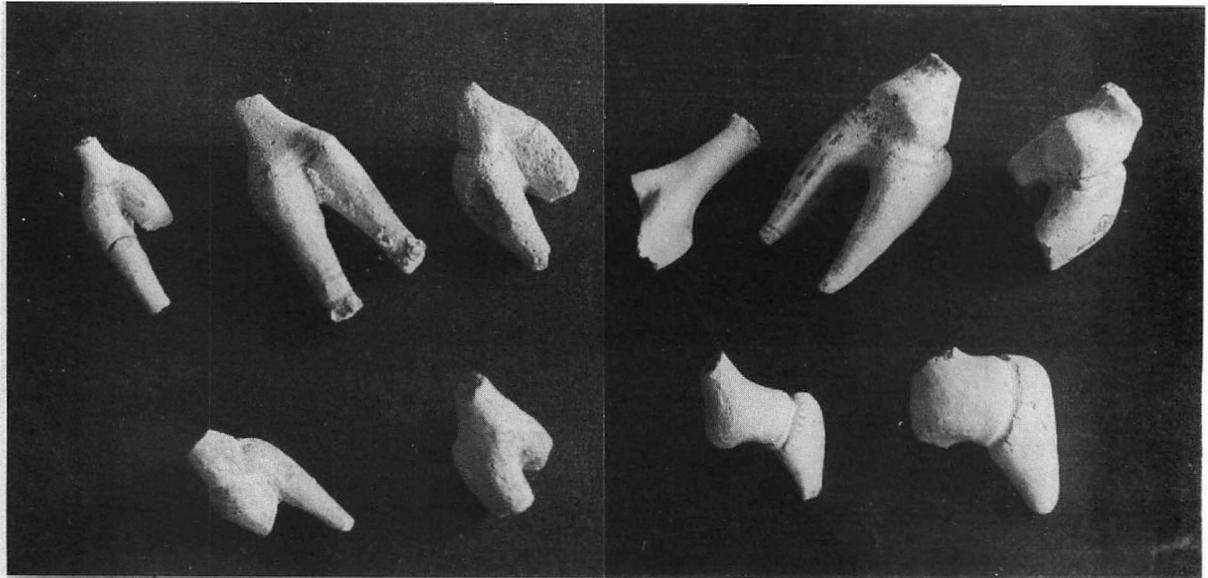


Plate 6-a: Terracotta standing human figurines

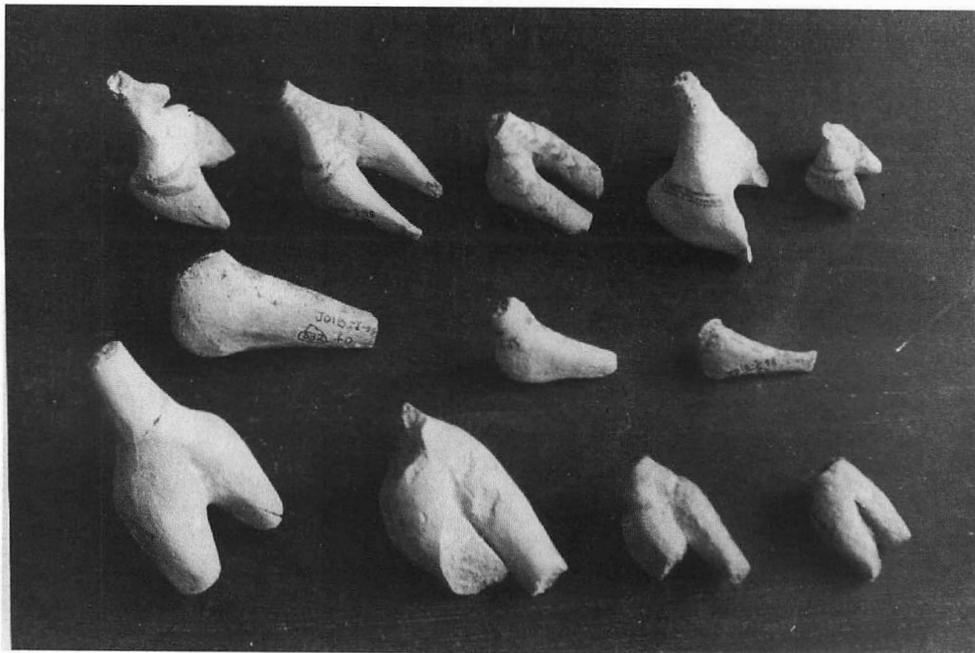


Plate 6-b: Terracotta reclining human figurines.

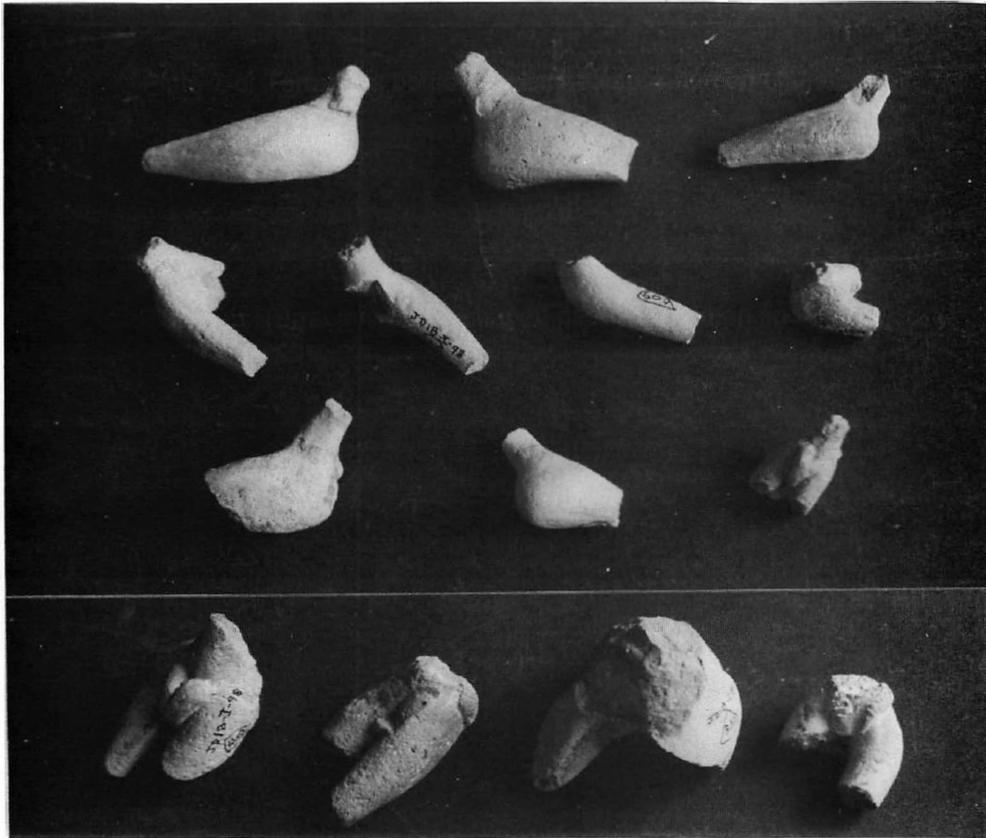


Plate 7-a: Terracotta reclining human figurines with a skirt.

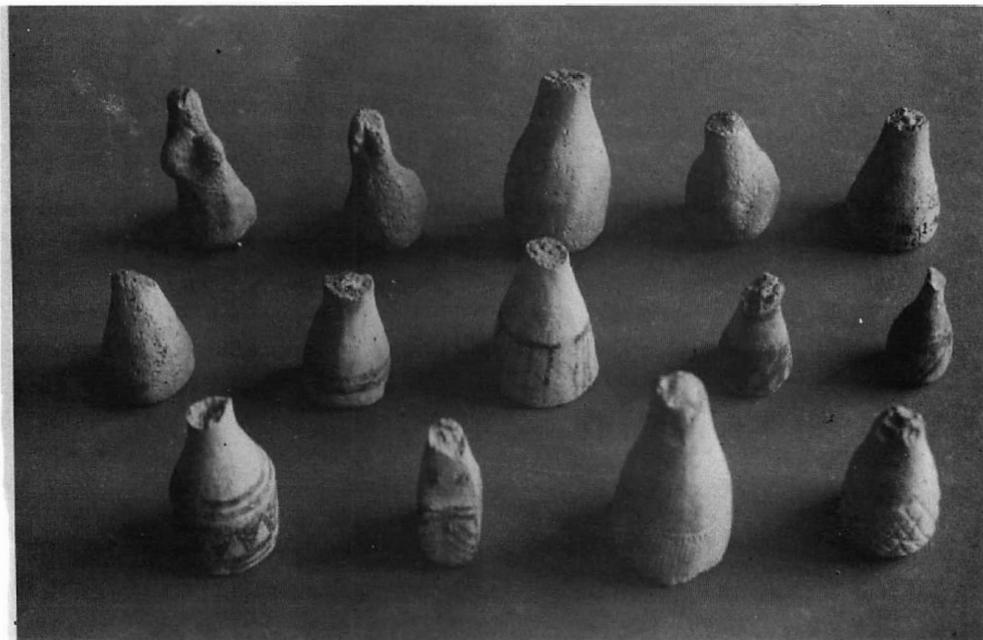


Plate 7-b: Terracotta bottle-shaped headless human figurines.

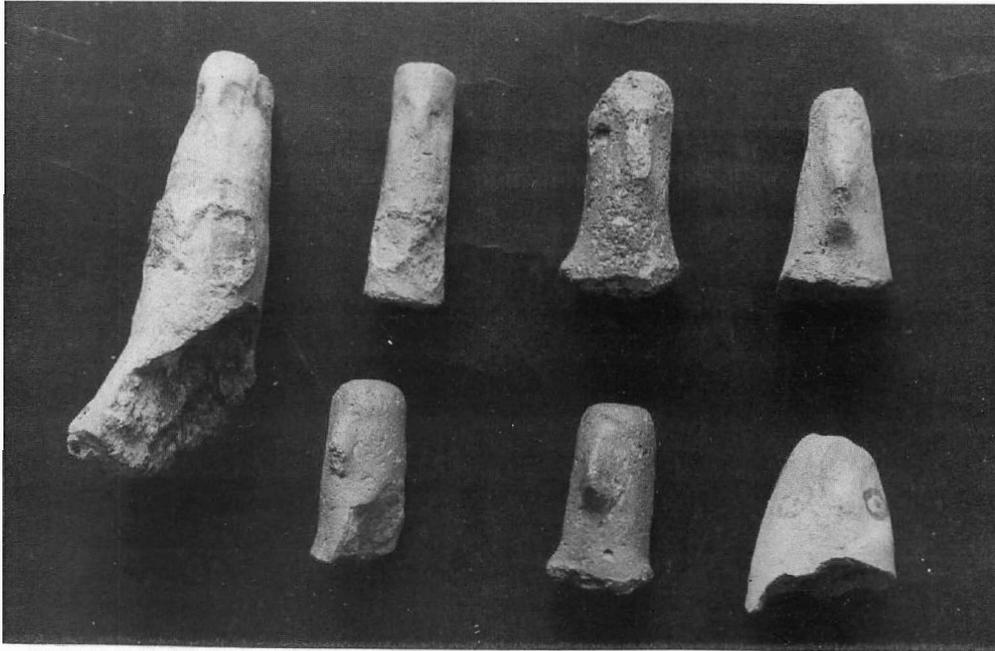


Plate 8-a: Terracotta human-heads of large size.

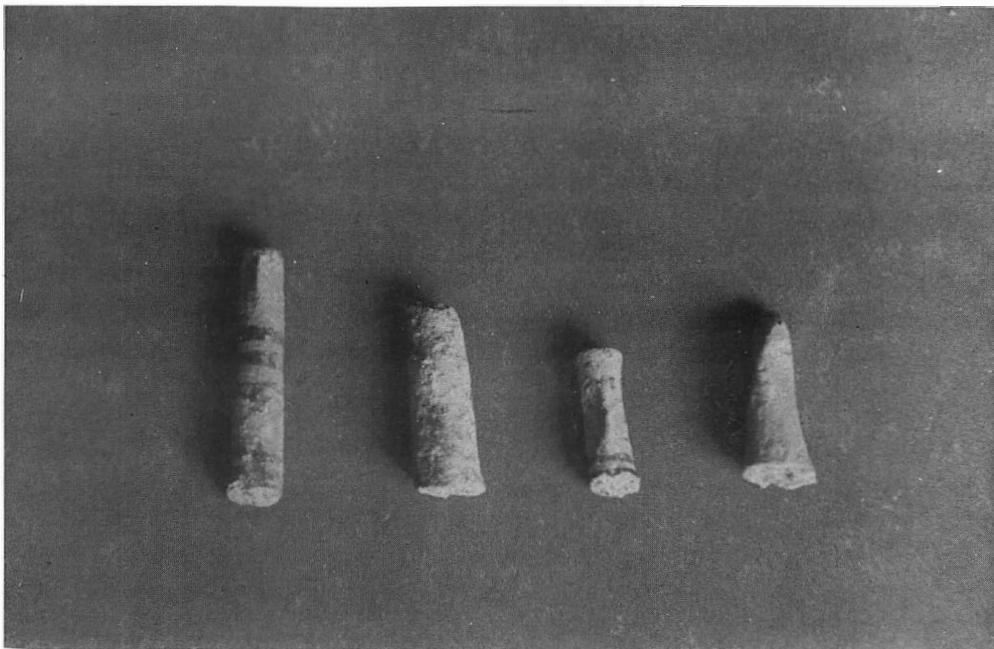


Plate 8-b: Terracotta human-heads of small size.

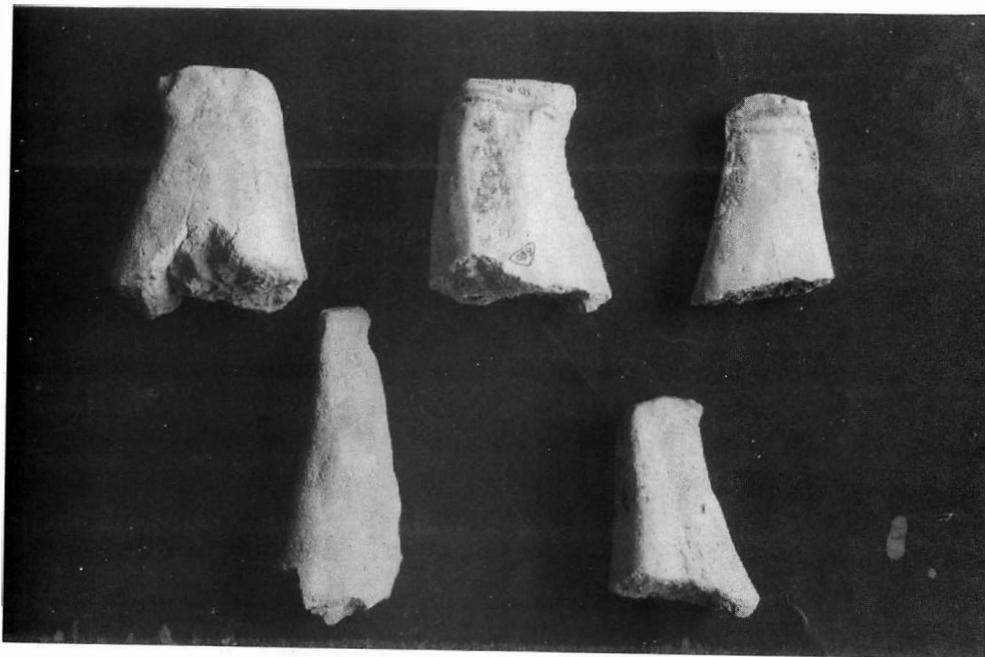


Plate 9-a: Terracotta rectangular human legs.

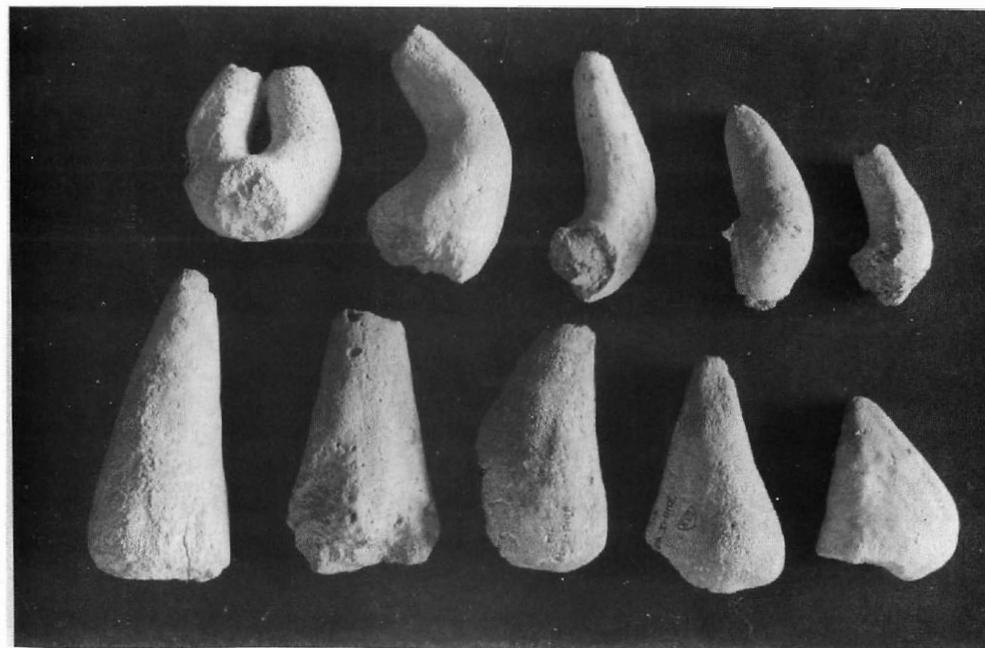


Plate 9-b: Terracotta curved and straight human legs.



Plate 10-a: Terracotta human legs of various shapes.

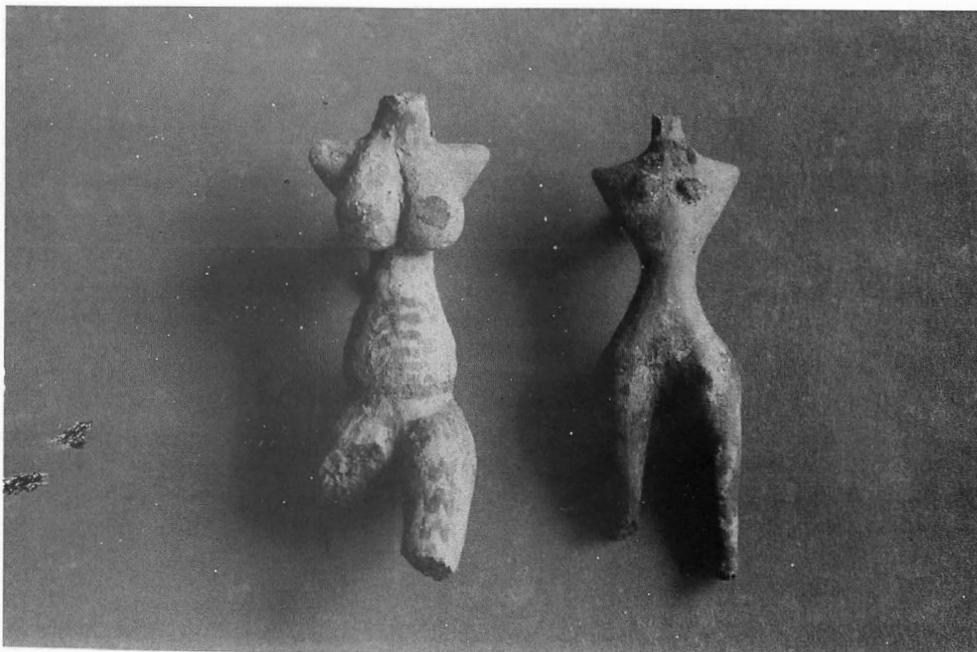


Plate 10-b: Terracotta shouldered female figurines in reclining and standing postures.

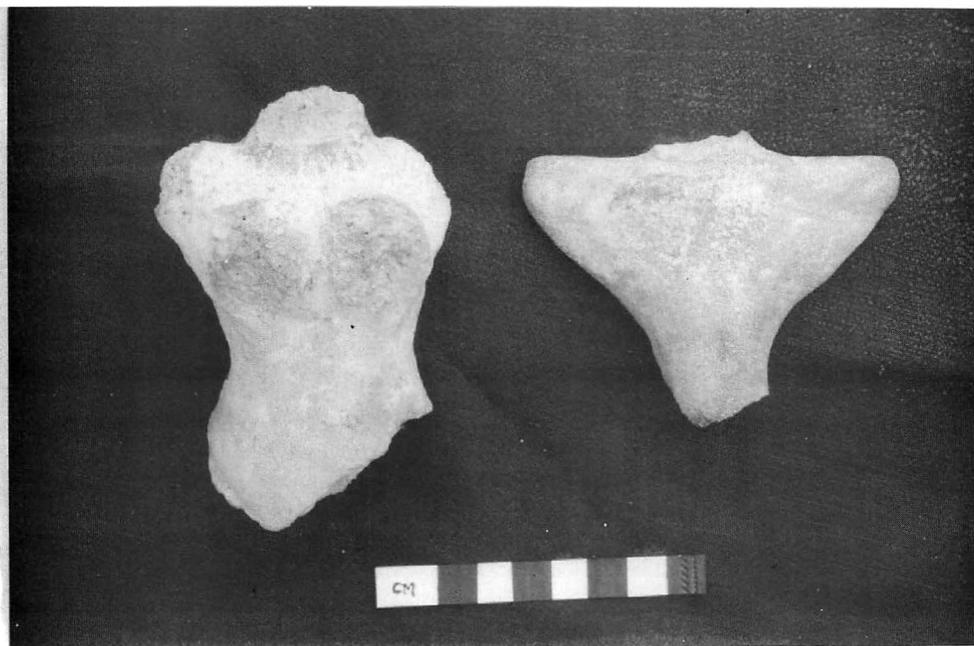


Plate 11-a: Torsos of terracotta female figurines.



Plate 11-b: Large breasts of female figurines.

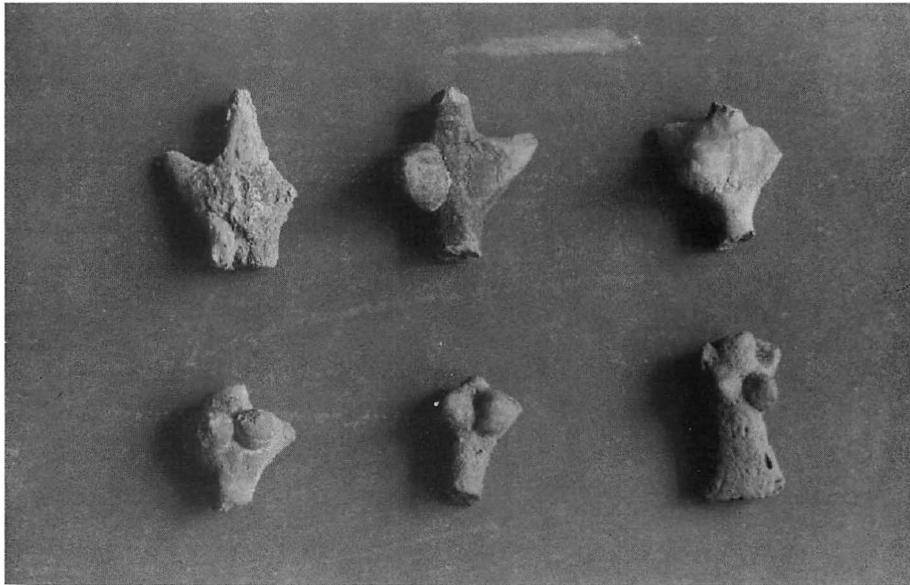


Plate 12-a: Terracotta female figurines with raised shoulders.

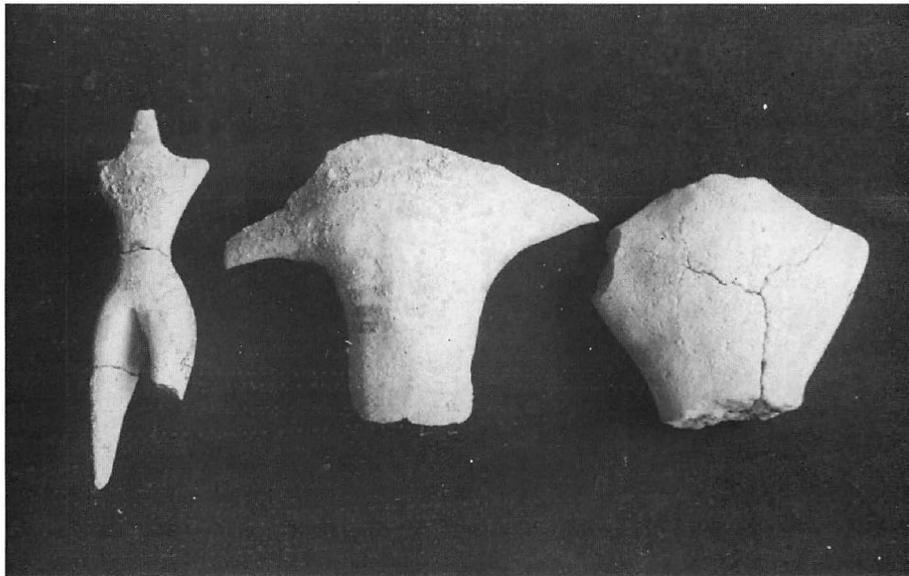


Plate 12-b: Terracotta standing human figurines.



Plate 13-a: Terracotta human figurines with raised shoulders.



Plate 13-b: Terracotta bottle-shaped headless and small seated human figurines.

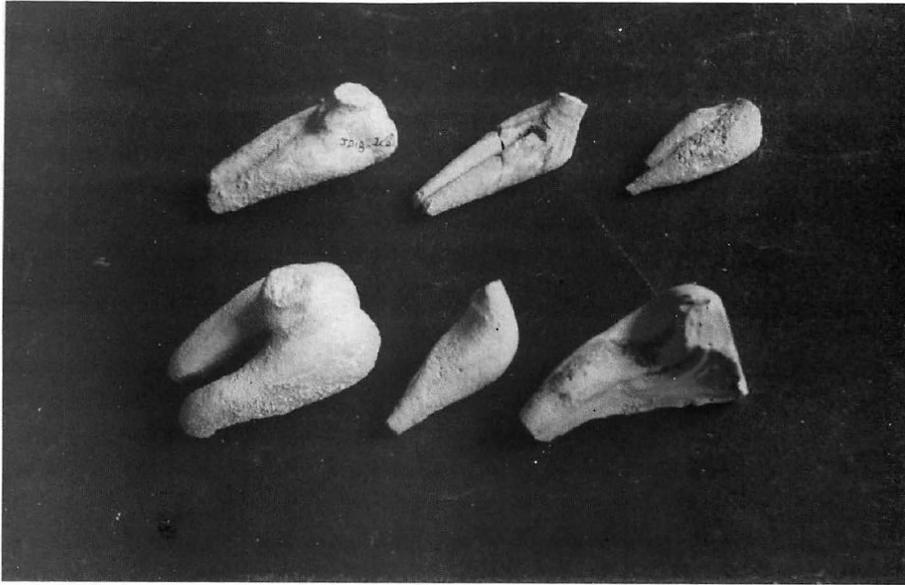


Plate 14-a: Terracotta seated human figurines with parallel legs.



Plate 14-b: Terracotta torsos of human figurines.



Plate 15-a: Terracotta human figurines of various shapes and sizes.



Plate 15-b: Terracotta human figurines with disc shape lower body.

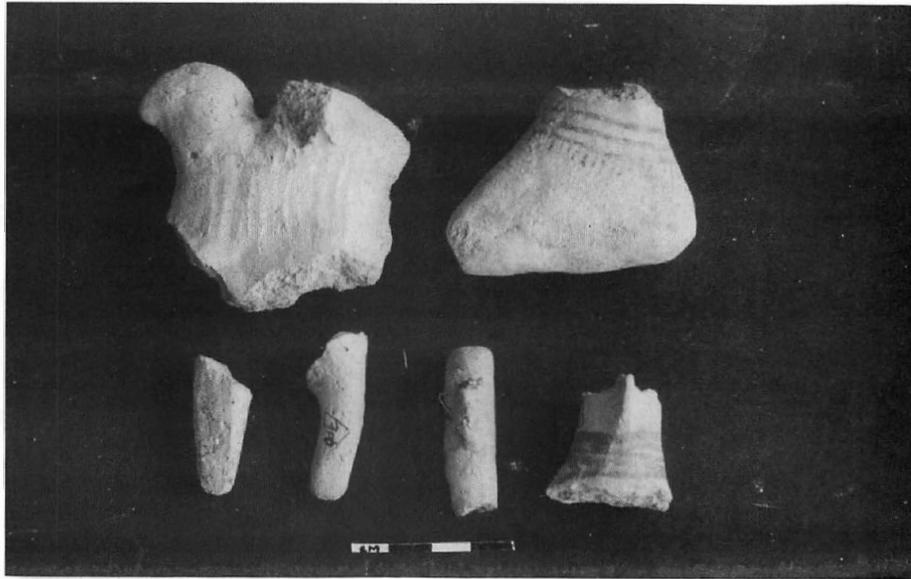


Plate 16-a: Various parts of terracotta human figurines.



Plate 16-b: Terracotta human figurines.



Plate 17-a: Terracotta bull and cow figurines.

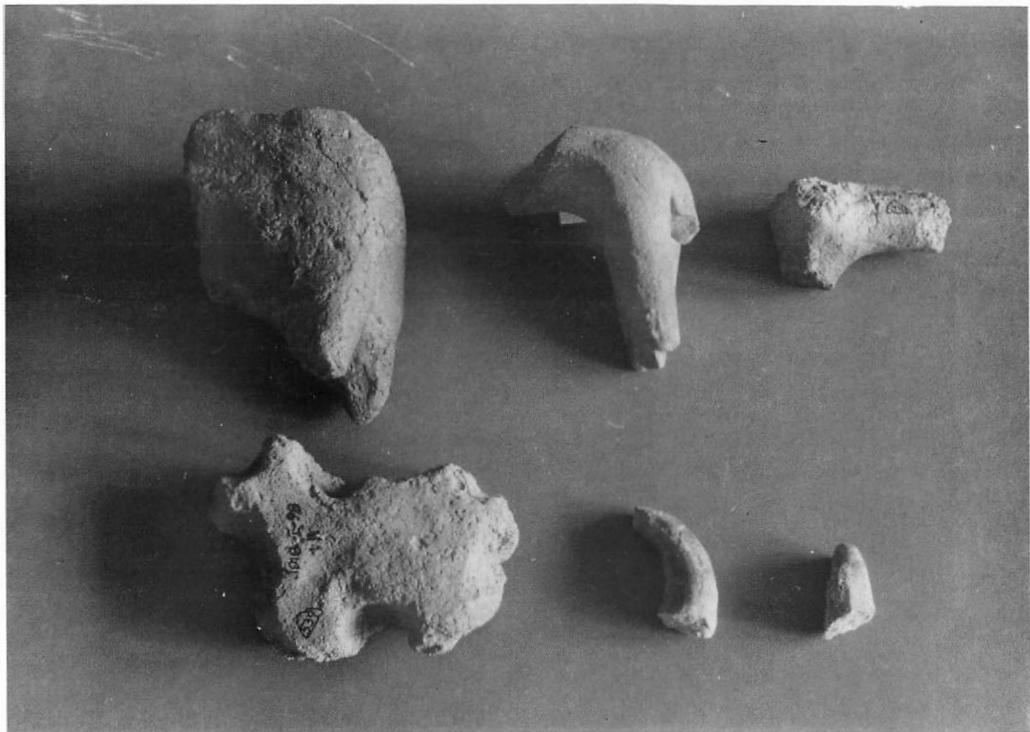


Plate 17-b: Terracotta unidentified animal figurines.

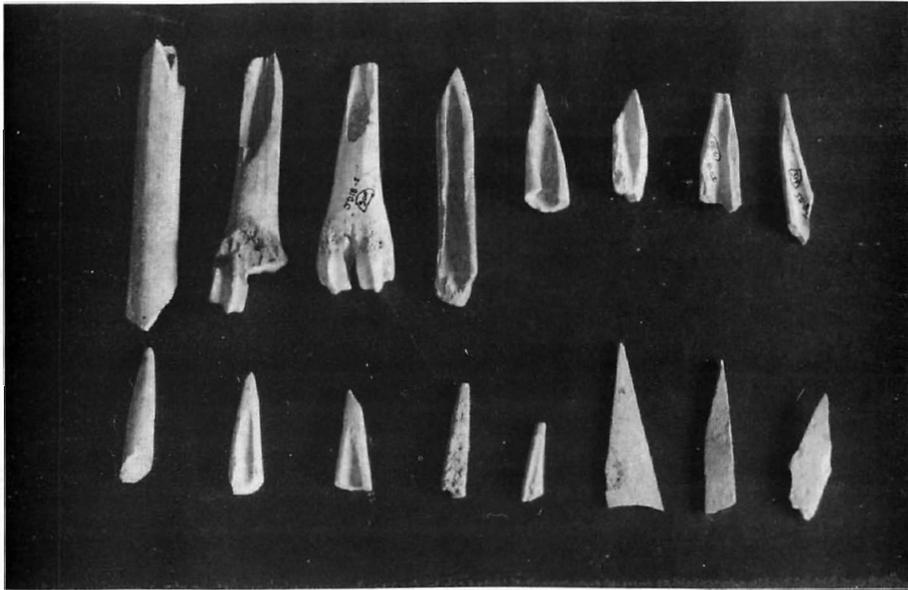


Plate 18-a: Bone pointed tools.

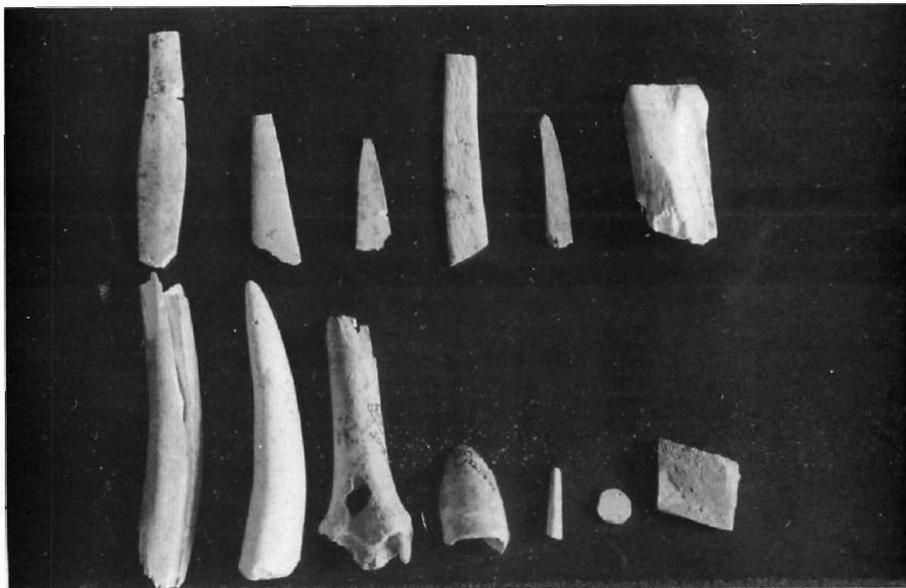


Plate 18-b: Bone implements and personal objects.

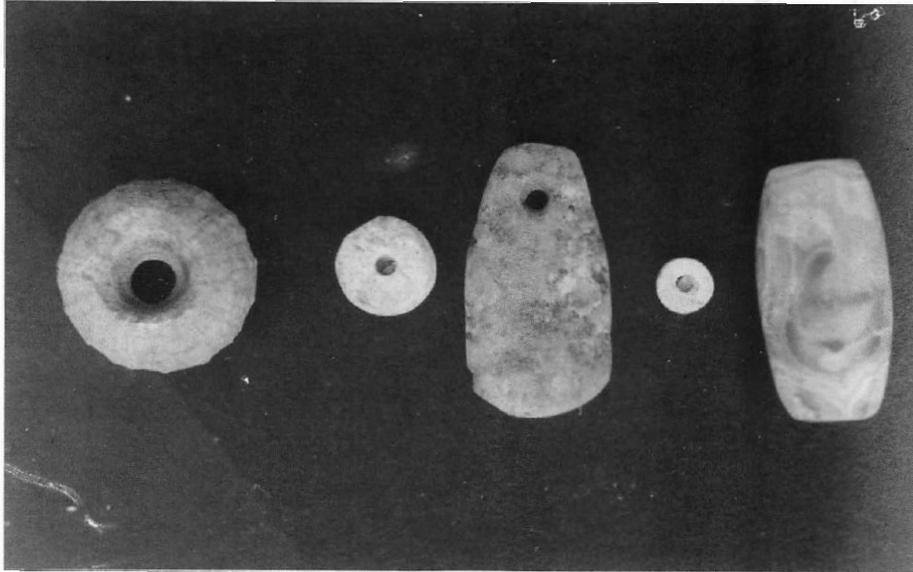


Plate 19-a: Beads of various kinds of stone and paste.



Plate 19-b: Terracotta objects.