

CHAPTER - V

THE POTTERY

The pottery from the region has been treated under two broad categories namely (1) the excavated pottery and (2) the explored pottery. The former includes pottery from Siswal, Mitathal and Daulatpur, the excavated sites in the area. The pottery from each of these sites has been dealt separately for the sake of clarity, while the pottery from the explored sites is dealt together.

1. The Excavated Pottery

(A) The Siswal Pottery (Fig. 3-8; Pl. III a+b, IV a+b).

The ceramic industry of Siswal has been classified into two groups, characterising the two phases at the site. Siswal A has yielded the typical Kalibangan Ware¹, characterised by all the Fabrics, A to F; the use of white pigment in addition to the black in painting, producing a bichrome effect; and the occurrence of troughs decorated internally with incised designs. The pottery of Siswal B is marked by evolved Kalibangan shapes and painted with only black pigment. Although all the fabrics continue to survive, the pottery lacks variety in shapes and designs and is generally sturdier and better potted than that of the earlier phase. It is also associated with the Harappan Ware. To distinguish, this ware has been called the Late Siswal Ware² after the type site where its stratigraphic position vis a vis the Kalibangan Ware was first known.

(1) The Kalibangan Ware: The Kalibangan Ware at Siswal is broadly divided into the red ware, the buff ware, the grey ware, the black and red ware and the hand made dull red ware. The red ware comprises Fabrics A to D of the Kalibangan Ware, while the buff and the grey wares represent Fabrics E and F respectively. The black and red ware is represented by a solitary sherd, though the hand made dull red ware is slightly more frequent.

Fabric A at the site (Fig.3+4) is by far the most numerous of the Kalibangan Ware at the site and is distinguished by a medium to coarse gritty fabric, irregularly potted on a slow wheel, generally thin in section and burnt to grey or red core. It is painted in black with the additional use of white pigment in a number of cases over matt red or pinkish surface. The main types in the Fabric include vase with out turned rim and carinated profile (T.1), vase with loop handle (T.5), lota shaped vase with flaring rim (T.13), vase with flanged rim for lid (T.6), vase with short out curved rim and globular body (T.8), vase with vertical or collared rim (T.15), vase with everted rim and raised neck (T.9), loop handle of vase (T.25), ring base (T.27), medium sized jar with wide mouth (T.19 and 20), jar with narrow mouth, raised neck and bulbous body (T.23,23a and 24), cup with incurved rim (T.28 and 28a), cup on stand (T.47), bowl with nail headed rim and disc base (T.30), bowl with everted rim (T.35,35a and 36), bowl-cum-basin with flaring rim (T.37), bowl with flat topped rim (T.34), pedestal base of bowl (T.48) etc. The vases

at Siswal generally have wide mouths and the bowls are generally shallow as compared to the corresponding types from Kalibangan. Fabric B (Fig. 5) occurs in a limited quantity at the site. It is characterised by red ware of medium to thick section and medium coarse fabric and is wheel thrown. The ware is distinguished by rusticated lower surface of jars and decorated with finger or tortoise shell marks. In a few cases knobbed designs are created with the help of fingers (Pl. IV⁴). The internally incised troughs of Fabric D have also rusticated lower position. Fabric C (Fig. 5) is a better potted red ware, treated with red slip and painted with black designs. The main types include vase with high neck (T.3); jar with ledged neck (T.2), vase with flanged rim for lid (T.4), pedestal footed vase (T.18), vase with ring (T.5) or flat base (T.6). Fabric D (Fig. 6) is distinguished by a thick sturdy red ware thrown on wheel and burnt to red colour. The main types include sturdy storage jars (T.1 and 2) and incised troughs (T.13, 7, 9 and 10). The out turned grooved rim of incised troughs is distinguished from the beaded rim at Kalibangan. The troughs are generally rusticated on the exterior as in Fabric B. Fabric E (Fig. 7) is distinguished by the buff colour of the pottery and is confined to a few sherds at Siswal. Fabric F (Fig. 7) is characterised by its grey colour. It includes vases with out turned (T.2) or with collared and externally grooved rim (T.3) and a disc base (T.11). Fabric E and F can hardly be distinguished from the red ware Fabrics but for their colour.

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The black and red ware is represented by a single fragment of bowl^(Fig. 7, 13) with blunted out turned rim and carinated shoulder and has burnt to black interior and black and red exterior, the upper part being black. Besides, a few sherds of hand made dull red ware were also recovered from the site. The fabric is coarse and burnt to dull red colour. The main types include dough plates and a crucible.

The pottery is invariably decorated with painted designs (Pls. III a + b) except in the case of Fabric F, black and red and hand made dull red wares. The most profusely painted is Fabric A. The painting is generally executed at the rim, neck and shoulder of the vases jars, cups, bowls etc. on their exterior. The bowls are also painted on the interior. The painting is generally executed in black or chocolate pigment over red or pinkish surface. The use of white pigment in addition to black to produce bichrome effect, is also met as at Kalibangan⁴ in several cases. Although the over all pattern of painted designs shows individualistic features, the individual designs are common between Siswal and Kalibangan, though the former has lesser variety as compared to the latter. The main designs at Siswal include block bands, horizontal lines, zigzag horizontal or vertical lines, curvy lines, converging oblique strokes, suspended loops, fish scales, cross hatched diamonds, opposed triangles, ovals and archading designs, sigmas, fish like design, arrow design etc. The naturalistic designs such as the birds, plants, moustaches, flower and the Trisula like motifs at Kalibangan (Fig. —) are conspicuous by their absence at Siswal.

The incised decoration (Pl. IVa)⁴ more commonly occurs in Fabric D though a number of sherds of Fabric A are also found decorated. The decoration in case of the former is confined to the interior of the troughs while the latter is decorated on the exterior (Pl. IVa). The main designs include linear and geometric patterns consisting of horizontal, flowing and oblique grooves, latticed design, chevron design, cord design etc. The linear designs are executed with the help of sharp toothed comb-like instruments having 4, 6, 7 or 8 teeth. The use of bamboo chips is also attested by wide grooves in Fabric D. The decoration on Fabric D troughs is on the whole inferior in execution than at Kalibangan. A variety of motifs such as oblique strokes, ovals etc. superimposed upon horizontal grooves in case of troughs at Kalibangan⁵ (Fig. —) are conspicuous by their absence at Siswal. Although the incised designs are generally executed on unslipped matt surface, in a few cases they are gently drawn over white slip or black band (Pl. IVa, 2 & Fig. 4, 30) to produce a reserved slip effect.

(11) The Late Siswal Ware: The Late Siswal Ware is characterised by evolved types, austerity in shapes and designs, the absence of the use of white pigment in painting and the general sturdy nature and better potting of the otherwise Kalibangan industry. It retains all the Kalibangan Fabrics, though the bulk is constituted by Fabrics A and C. Fabric E and the hand made dull red ware are rare, while the black and red ware is

absent. A few sherds of the Harappan Ware (Fig. 8) have also been recovered. The absence of any regular Harappan settlement at the site only suggests an intercourse with the Harappa civilisation, by now well established in the Sarasvati basin, and provides an approximate datum for determining the chronology of the period.

The main shapes which characterised the Late Siswal Ware include medium sized vases having thickened out turned rim and tapering sides (T.16,17 and 18), jars with flaring but externally blunted or grooved rim (T.20 and 21) jars with high necks projected rim and bulbous body (T.23,23a and 24), cups with incurved (T.29) or convex sides (T.28a), bowls with flat top or bevelled rim (T.31 and 38) flaring rim (T.41) and bowls or basins with nail head rim (T.42) and projected undercut rim (T.43, 44 and 45) in Fabric A; jar with ledged neck (T.2), bowl or basin with flaring rim (T.7 and 9), thick projected rim (T.15,16 and 17), projected undercut rim (T.12,13 and 14) and dish with projected rim (T.8 and 10) in Fabric C; storage jar with ledged concave neck and clubbed rim (T.2), jar with flaring rim (T.3), trough with shallow grooves (T.8 and 11) or without grooves (T.6 and 12), dish or basin with projected rim and carinated shoulder (T.5) in Fabric D; jars with flaring and oblique cut rim (T.5), dish on stand with projected rim (T.7,8,9 and 10) and pedestal footed vessel (T.6) in Fabric F.

The pottery is painted in black or chocolate over red or pinkish surface with linear designs. The use of white pigment is conspicuous by its absence in this ware. The painted

designs are limited and lack variety. The most common motif is a block band at the rim, neck or shoulder on the exterior of vases. The horizontal, flowing or curvy lines, oblique strokes, loops and fronds are the other common designs.

The incised decoration consists of generally shallow and irregularly drawn lines in groups on the interior of the troughs of Fabric D and horizontal or flowing scorings on the exterior of Fabric A vessels. Broad parallel bands separated by mild ridges running horizontally or in wavy manner occur on the rusticated exterior of Fabric B jars. A few of the sherds bear graffiti marks also.

(iii) The Harappan Ware: The Harappan pottery (Fig. 8) is limited in number and confined to storage jars with flanged rim and ledged neck (T.1 and 2), 'S' shaped jar with flanged rim for receiving the lid (T.3), vase with footed base (T.4) and narrow pointed base (T.6), perforated jar (T.5), dish (T.7), dish on stand with short out curved rim (T.8) and broad squattish stem of dish on stand (T.9). The pottery is made of medium fine fabric, thrown on fast wheel and treated with bright red slip in case of storage jars and with light red slip in case of other vessels.

The pottery is generally plain. The storage jars and dish on stands are painted in black horizontal bands over red. A few sherds are painted with hatched leaf designs over bright red slip (Pl. 8, 1, and Pl. III, 12). A few of the sherds

are decorated with concentric grooves or cogged designs on the inner surface of the dish on stand (Pl. ^{IV} 9, 11).

In describing the typology of the pottery both the Kalibangan and the Late Siswal Wares have been dealt together for their innate relationship. The pottery from early and mid levels of the site represents the Kalibangan Ware, while that from the late levels comprises the Late Siswal Ware.

A. Description of Siswal Pottery

Fig. 3, Fabric A

Type 1. Fragment of a vase with short out turned rim, tapering shoulder and carinated sides. It is of medium course fabric, burnt to brick red core and painted with black bands at the rim and belly and a white band at the neck over matt red surface. The shoulder is decorated with panels of multiple horizontal grooves enclosing flowing grooves and caused with comb-like instrument having sharp set of 5 teeth. From a mid level cf. Kalibangan (I.A.1962-3, Fig.3,10).

Type 2. Fragment of a vase with out-curved rim. It is of medium course fabric, burnt to brick red core and painted with a block band in black at the rim and shoulder over matt red surface. From a mid level. cf. Kalibangan (I.A.1962-63, Fig.3,10 and Fig.5,10).

Type 3. Fragment of a vase with out turned rim and tapering shoulder. It is of medium course fabric, burnt to brick red core and painted with black band in black at rim and shoulder on the exterior and oblique strokes on the interior of the rim over matt red surface. From a mid level.

Type 4. Fragment of a small vase with everted rim and globular sides. It is of medium course fabric, burnt to brick red core and painted with black horizontal band at the rim and some suspended oblique strokes below over matt red surface. From a mid level.

Type 5. Fragment of a vase with out curved rim, broken loop handle and tapering shoulder. It is of medium course fabric, burnt to brick red core and painted with a black band at the neck on the exterior and on the interior of the rim. From an unstratified level.

Type 6. Fragment of vase with flanged rim pierced with sets of double holes for tying the lid. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal lines at the rim, neck and shoulder over matt pale red surface enclosing horizontal bands at neck and shoulder, the latter being superimposed by a black flowing line. From a mid level.

Type 7. Fragment of a vase with out turned rim. It is of medium coarse fabric, burnt to brick red core and painted with black band in black at the rim and a band below at shoulder

enclosing a white band at neck. From a mid level. cf. Kalibangan I (I.A.1962-3, Fig.3,10).

Type 8. Fragment of a vase with out-curved rim and globular sides. It is of medium coarse fabric, burnt to brick red core and painted with black band in black at the rim and double horizontal bands enclosing a chain of crosshatched diamonds and sigmas over matt buffish red surface. It is made on wheel. From a mid level. cf. Kalibangan (I.A.1961-62, Fig.13,4), (I.A.1962-3, Fig.3,7), Quetta Ware (Fairweather (Jr.) (1956) No.325, P.299⁵).

Type 9. Fragment of a vase with everted rim and raised ledged neck. It is of medium coarse fabric, burnt to brick red core and painted with a white band at the shoulder over matt smokey red surface. From a mid level. cf. Kot Diji (P.A. No.2 (1965), Fig.25,15).

Type 10. Fragment of a vase with outgoing rim. It is of medium coarse fabric, burnt to brick red core and painted with black bands at the rim and neck. From an early level. cf. Kalibangan I (I.A.1962-63, Fig.3,9).

Type 11. Fragment of a vase with flaring rim and globular sides. It is of medium fabric, burnt to brick red core and painted with black band in black at the rim and a row of cross-hatched fragmentary ovaloid design at the shoulder over matt buffish red surface. From an unstratified level. cf. Kalibangan I (I.A.1961-2, Fig.15,13).

Type 12. Fragment of a vase with short featureless rim and globular body. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal band at the neck on the exterior and the rim on the interior matt red surface. The shoulder is decorated with incised oblique slashes forming chevrons. From a mid level.

Type 13. Fragment of a vase with outcurved rim and evaloid body. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal bands at the rim neck and shoulder enclosing a row of cross hatched diamonds at the shoulder over light red smooth surface. From an early level.
cf. Fairserius(Jr.)¹⁹⁵⁶ (No. 39, P. 275) and Kot Diji (PA. 2 1965, Fig. 14, 12).

Type 14. Fragment of a vase with collared rim. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal bands at the rim and a fragmentary hatched design below over matt red surface. From an unstratified level.

Type 15. Fragment of a vase with collared rim. It is of medium coarse fabric, burnt to brick red core and painted with black-black band at the rim and horizontal lines with suspended loops below at the shoulder over matt red surface. From an unstratified level.

Type 16. Fragment of a vase with a blunt out-turned rim and tapering sides. It is of medium coarse fabric, burnt to grey core and painted with black band in black at the rim and shoulder and horizontal lines below over matt red surface. From an unstratified level.

Type 17. Fragment of a vase with thickened outturned rim and tapering shoulder. It is of medium coarse fabric, burnt to grey core and painted with black block band at the rim and horizontal lines enclosing a chain design at the shoulder over matt red surface. From an unstratified level.

Type 18. Fragment of a vase with outturned rim and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with black block band at the rim and a horizontal zigzag line below over matt red surface. From an unstratified level.

Type 19. Fragment of a vase with wide mouth, outcurved rim and globular body. It is of medium coarse fabric, burnt to grey core and painted with black block band at rim and shoulder. From an unstratified level. cf. Kalibangan (I.A.1961-62, Fig.15,11).

Type 20. Fragment of a vase with wide mouth, outcurved rim, ledged neck and globular body. It is of medium coarse fabric, burnt to grey core and painted with black band at the rim and block band below over matt red surface. From an unstratified level. cf. Kalibangan (I.A.1961-3, Fig.15,10)

Type 21. Fragment of a vase with flaring out rim, ledged neck and expanding shoulder. It is of medium coarse fabric, burnt to brick red core and painted with black block band at the shoulder over pale red surface. From an unstratified level. cf. Kalibangan (I.A.1961-2, Fig.15,10).

Type 22. Fragment of a vase with out turned rim, raised neck and globular body. It is of medium coarse fabric, burnt to brick red core and painted with black block band over matt red surface. From an unstratified level. cf. Kalibangan (I.A. 1961-2, Fig.15,1; I.A.1962-3, Fig.3,4).

Type 23. Fragment of a vase with externally projected rim narrow mouth, raised neck and bulbous body. It is of medium coarse fabric, burnt to brick red core and painted with black block band at the rim and neck and horizontal lines with cross hatched arcading design at the shoulder over matt red surface. From an unstratified level. cf. Kalibangan[(I.A.1962-63, Fig.5,8)

Variant 23a has short projected rim, and is painted with black block band at the rim and neck and horizontal lines with suspended curvy and flowing lines below at the shoulder over matt red surface. From an unstratified level. cf. Kalibangan[(I.A.1962-3, Fig.5,8).

Type 24. Fragment of a vase with externally grooved flanged rim and high neck. It is of medium coarse fabric, burnt to brick red core and matt red surface. From an unstratified level. cf. Kalibangan[(I.A.1962-63, Fig.3,14).

Type 25. Fragment of a loop handle of vase flatish in section. It is of medium coarse fabric, burnt to brick red core and painted with black bands near the top. From an early level. cf. Dabar Kot (Fairweather, Fig.31, a, P.223) and Tape Hissar^{5b} IIIA, IIC (Pl.XLI(H5235)).

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Type 26. Fragment of a vase with flat base. It is of medium coarse fabric, burnt to brick red core and matt red surface. From a mid level.

Type 27. Fragment of a vase with ring base. It is of medium coarse fabric, burnt to brick red core. From a mid level. cf. Kalibangan (I.A.1961-62, Fig.15-8; I.A. 1962-63, Fig.3,1,3,7).

Fig. 4, Fabric A

Type 28. Fragment of a bowl with vertical featureless rim and blunt carinated shoulder. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal bands at the rim and shoulder enclosing groups of converging oblique strokes over matt red surface. From an early level. cf. Kalibangan (I.A.1962-3, Fig.3,17) and *Fairservis* (Fig.54).

Variant 28a is distinguished by convex sides, a thinner rim band and grey core. From an unstratified level. cf. Kalibangan (I.A.1961-2, Fig.15,20) and *Quetta Ware* (*Fairservis*, Fig.48).

Type 29. Fragment of bowl with incurved rim and flat base. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal bands at the rim and shoulder enclosing oblique strokes. From a mid level. cf. *Quetta Ware* (*Fairservis* Vol.45), Fig.48).

Type 30. Fragment of a bowl with externally grooved rim, convex sides and flat disc base. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal bands at the rim and belly over matt red surface, and the enclosed

surface treated with buff or dirty white paint which is decorated with shallow incised lines in groups of seven, intersecting each other to form a matt design. From an unstratified level. cf. Kalibangan (I.A.1961-62, Fig.15,21 and I.A.1962-63, Fig.3,21).

Type 31. Fragment of a bowl with blunted rim and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with black band at the rim and a loop on the interior over matt red surface. From an early level. cf. Quetta Ware (Fairservis, Fig.49).

Type 32. Fragment of a bowl with tapering sides, and flat base. It is of medium coarse fabric, burnt to grey core and brick red surface. From an unstratified level.

Type 33. Fragment of a bowl with out curved externally projected rim and tapering sides. It is of medium coarse fabric, burnt to partly grey core. From an unstratified level. cf. Kalibangan (I.A.1961-62, Fig. 16,24).

Type 34. Fragment of a bowl with flat nail headed rim, carinated shoulder and tapering sides. It is of medium coarse fabric, burnt to brick red core. From an unstratified level. cf. Kot Diji (P.A.2,1965, Fig.24,4).

Type 35. Fragment of a bowl with everted rim and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with black rim band and double suspended loops on interior over matt buffish red surface. From a late level.

Variant 35a is distinguished by externally grooved upper portion and is painted with black band on the interior of the rim only. From a mid level. cf. Kalibangan I (I.A.1962-3, Fig.3,16).

Type 36. Fragment of a bowl with everted rim, externally scooped upper portion and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal band at the rim and suspended double loops on the interior. From a late level.

Variant 36a is distinguished by thicker section. It is painted with a black band at the rim only. From an early level.

Type 37. Fragment of a bowl cum basin with everted rim and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal band on the interior of the rim over matt dark red surface. From an early level. cf. Kot Diji (P.A.2(1965), Fig.19,21).

Type 38. Fragment of a bowl with everted rim tapering sides. It is of medium fabric, burnt to brick red core and painted with black band on the interior of the rim. From an unstratified level.

Type 39. Fragment of a bowl with externally projected rim and tapering sides. It is of medium coarse fabric burnt to brick red core and painted with black horizontal band at the rim on the exterior and suspended double loops on the interior over light red smooth surface. From an unstratified level.

Type 40. Fragment of a bowl-cum-basin with everted rim, grooved below on the exterior and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal band at the rim over matt red surface. From an early level.

Type 41. Fragment of a bowl-cum-basin with flaring rim, tapering and externally grooved sides. It is of medium coarse fabric, burnt to brick red core and painted with black band at the rim over matt light red surface. From an unstratified level.

Type 42. Fragment of a bowl-cum-basin with flat everted rim, blunt carinated shoulder and tapering sides. It is of medium coarse fabric, partly grey core and painted with black band at the rim over matt red surface. From an unstratified level.

Type 43. Fragment of a bowl-cum-basin with outcurved rim and convex sides. It is of medium coarse fabric, burnt to brick red core and painted with black band on the exterior of rim over matt dull red surface. From an early level.

Type 44. Fragment of a bowl-cum-basin with flaring rim, carinated shoulder and tapering sides. It is of medium coarse fabric, burnt to smokey red core. From an mid level.

Type 45. Fragment of a bowl-cum-basin with outcurved rim, sharp carinated shoulder and tapering sides. It is of medium coarse fabric burnt to grey core. From an unstratified level.

Type 46. Fragment of a bowl with concave bottom pedestal. It is of medium coarse fabric and burnt to brick red core. From an unstratified level.

Type 47. Fragment of a bowl or dish on stand with partly solid stem and flat base. It resembles the pedestal of a chalice. It is of medium coarse fabric, burnt to brick red core and painted with black band at the base over matt red surface. From an unstratified level.

Type 48. Pedestal base of a bowl of medium coarse fabric, burnt to pale red core and painted with black band at the base over matt pale red or buffish red surface. From an unstratified level. cf. Kalibangan[[](I.A.1962-3, Fig.3,10) and W.A. Fairervis (Jr.)(1956)Fig.48.

Fabric B.

Type 1. Fragment of a vase with ribbed shoulder and ovaloid body. It is of medium coarse fabric, burnt to brick red core and rusticated below the rib and decorated with horizontal parallel grooves with fingers. From an unstratified level. cf. Kot Diji (P.A.No.1 - 1964, Pl.IX.).

Fabric - C.

Type 2. Fragment of a vase with short projected rim, ledged neck and tapering shoulders. It is of medium coarse fabric, burnt to brick red core and painted with black band at the rim and on the exterior of neck over dark red slip. From a mid level. cf. Kalibangan[[](I.A.1962-3, Fig.5,4).

Type 3. Fragment of a vase with everted rim and high ledged neck. It is of medium coarse fabric, burnt to brick red core and painted with black block band at the rim and neck over darkish slip. From a mid level.

Type 4. Fragment of a vase with flanged rim for receiving the lid. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal bands and hollow lozenges in chain below over red slip. From a mid level.

Type 5. Bottom fragment of a vase with ring base. It is of medium coarse fabric burnt to grey core. From an early level.

Type 6. Fragment of a vase with disc base. It is of medium coarse fabric and burnt to brick red core. From a mid level.

Type 7. Fragment of a bowl with flaring rim, mild carinated shoulder and tapering sides. It is of medium coarse fabric and burnt to brick red core. From an unstratified level.

Type 8. Fragment of a dish with short projected rim, blunt carinated shoulder and sagar base. It is of medium coarse fabric and burnt to brick red core. From an unstratified level. cf. Kalibangan (I.A.1962-3, Fig.5,14).

Type 9. Fragment of a bowl-cum-basin with flaring rim and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with a black band at the rim over dull red slip. From an unstratified level. cf. Kot Diji (P.A.2(1965), Fig.22,6).

Type 10. Fragment of a dish on stand with flaring rim and blunt carinated shoulder. It is of medium coarse fabric and burnt to brick red core. From an unstratified level. cf. Kot Diji (P.A.2 (1965), Fig.24,7).

Type 11. Fragment of a bowl-cum-basin with an externally bevelled rim with a groove below and convex sides. It is of medium fabric and burnt to pale red core. From an unstratified level.

Type 12. Fragment of a basin or dish on stand with projected undercut rim and carinated shoulder. It is of medium coarse fabric burnt to partly greyish core. The surface is worn off. From an unstratified level.

Type 13. Fragment of a basin or dish on stand with projected undercut rim and sharp carinated shoulder. It is of medium coarse fabric and burnt to greyish core. The surface is worn off. From an unstratified level.

Type 14. Fragment of a basin or dish on stand with projected undercut rim and carinated shoulder. It is of medium coarse fabric and burnt to brick red core. From an unstratified level.

Type 15. Fragment of a basin or dish on stand with projected rim, carinated shoulder and tapering sides. From an unstratified level.

Type 16. Fragment of a basin or dish on stand with projected rim and carinated shoulder. It is of medium fabric, burnt to brick red core and painted with black band at the rim over dull

red slip. From an unstratified level.

Type 17. Fragment of a dish with projected rim and blunt carinated shoulder and tapering sides. It is of medium fabric and burnt to brick red core. From an unstratified level.

Type 18. Fragment of a pedestal vase, of medium coarse fabric, burnt to a brick red core and treated with a red slip. From an unstratified level. cf. Kalibangan (I.A.1961-2, Fig.16, 31).

Fig. 6, Fabric D.

Type 1. Fragment of a storage jar with projected rim, ledged neck and narrow mouth. It is of medium coarse fabric, burnt to brick red core and painted with black bands at the rim and neck over red slip. From an unstratified level. cf. Kalibangan (I.A.1962-3, Fig.6,2) and Kot Digi (P.A.2(1965), Fig.25,20).

Type 2. Fragment of a storage jar with short projected rim, ledged neck and globular body. It is of medium coarse fabric, burnt to greyish red core and painted with black block band at the rim and the neck over matt red surface. From an unstratified level. cf. Kalibangan (I.A.1962-63, Fig.6,3).

Type 3. Fragment of a jar with flaring rim, of medium coarse fabric, burnt to grey core and painted with black bands at the rim and neck and hatched loops on the interior of rim over matt red surface. From an unstratified level.

- Type 4.** Fragment of a basin with externally bevelled projected rim, grooved on exterior and tapering sides. It is of medium coarse fabric, burnt to grey core and painted with black horizontal band at the rim and triple loop design on the interior of rim over matt red surface. From an unstratified level.
- Type 5.** Fragment of a basin or dish on basin with short projected and undercut rim, carinated shoulder and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with black band at the rim.
- Type 6.** Fragment of a trough with thickened rim and tapering sides. It is of medium fabric, burnt to grey core and painted with black band at the rim over matt red surface. From an unstratified level.
- Type 7.** Fragment of a trough with thick externally grooved rim tapering sides. It is of medium coarse fabric, burnt to greyish core and decorated with shallow irregular, flowing and horizontal incised lines in groups of four or six executed with toothed instrument like comb. It is rusticated on the exterior. From an unstratified level.
- Type 8.** Fragment of a basin or dish with flat projected rim and tapering sides. It is of medium fabric and burnt to greyish red colour. From an unstratified level.
- Type 9.** Fragment of a trough with thick outturned rim and externally tapering sides. It is of medium coarse fabric, burnt

to greyish core, painted with black horizontal band at the rim and decorated with incised flowing lines in groups and rusticated exterior. From an unstratified level. cf. Kalibangan] (I.A.1962-63, Fig.6,12).

Type 10. Fragment of a trough externally grooved rim and tapering sides. It is of medium coarse fabric, burnt to brick red core and decorated with irregularly horizontal incised deep grooves on the interior and rusticated on the exterior. From an unstratified level. cf. Kot Diji (P.A.2 (1965), Fig.23,1)

Type 11. Fragment of a trough with long projected rim and blunt carinated sides. It is of medium coarse fabric, burnt to brick red core and decorated with horizontal grooves in groups of four on the interior and rusticated exterior. From an unstratified level.

Type 12. Fragment of a trough with clubbed rim and cordoned shoulder. It is of medium fabric and burnt to brick red core. From an unstratified level. cf. Kalibangan] (I.A.1962-3, Fig.7,15).

Fig. 7; Fabric E

Type 1. Fragment of a vase with short outgoing rim and tapering shoulder. It is of medium coarse fabric, burnt to grey core and painted with a black band at the rim over buff wash. The body of the pot shows rusticated surface. From an early level.

F a b r i c - F.

Type 2. Fragment of a vase with outturned rim and tapering shoulder. It is of medium coarse fabric and burnt to grey core. From a mid level.

Type 3. Fragment of a vase with externally grooved featureless rim and tapering shoulder. It is of medium coarse fabric and burnt to reddish grey core and blotchy surface. From a mid level.

Type 4. Fragment of a vase with flaring externally grooved rim. It is of medium coarse fabric and burnt to grey core. From an unstratified level.

Type 5. Fragment of a vase with flaring rim. It is of medium coarse of fabric and burnt to grey core. From an unstratified level.

Type 6. Fragment of a pedestal bowl or a lid with a hollow knob. It is of medium coarse fabric and burnt to grey core and blotchy surface. From an unstratified level.

Type 7. Fragment of a dish with projected externally grooved rim and tapering sides. It is of medium coarse fabric and burnt to grey core. From an unstratified level. cf. Kalibangan I (I.A.1962-63, Fig.9,1).

Type 8. Fragment of a tall stem of dish on stand of medium coarse fabric and burnt to grey core. From an unstratified level.

Type 9. Fragment of a tall stem of dish on stand of medium coarse fabric and burnt to grey core. From an unstratified level.

Type 10. Fragment of a tall stem of dish on stand with re-curved base. It is of medium coarse fabric and burnt to grey core. From an unstratified level. cf. Kalibangan (I.A.1962-3, Fig.9,3).

Type 11. Bottom of a vase with disc base, medium coarse fabric and grey core. From an early level.

Type 12. Fragment of a crucible with tapering sides and disc base. It is of coarse fabric and burnt to grey core. From an early level.

Black and Red Ware

Type 13. Fragment of a bowl of black and red ware with out turned rim and carinated shoulder. It is of medium coarse fabric and burnt to grey core, black interior and dull red exterior except for the rim which is also black. From an early level. This is the only sherd of black and red ware recovered from the site.

Plate III a

Type 1. Sherd of Fabric A with outcurved rim of a vase burnt to greyish core and painted with chocolate black band at the rim and neck and a row of cross hatched fragmentary ovals at the shoulder over matt pale red surface. From an unstratified level.

- Type 2.** Sherd of Fabric A of a vase painted with black horizontal parallel bands with suspended oblique lines below over matt light red surface. From an early level.
- Type 3.** Sherd of a vase of Fabric A with outcurved rim and shoulder enclosing cross-hatched diamonds over pinkish smooth surface. From an early level.
- Type 4.** Sherd of Fabric A, painted with chocolate horizontal lines and suspended loops below. From a late level.
- Type 5.** Sherd of Fabric A, painted with black horizontal bands and wavy lines forming lozenges filled with white stiplings and a white band painted at the top over pinkish red matt surface. From a mid level.
- Type 6.** Sherd of Fabric A painted with vertical double lines enclosed by flowing lines and a loop with fronds on the right in black over light red matt surface. From an unstratified level.
- Type 7.** Sherd of Fabric C painted with chocolate flowing lines forming blank lozenges over light red slip. From an early level.
- Type 8.** Sherd of Fabric A painted with a white band at the neck and black horizontal lines enclosing four flowing lines forming the net design over matt pinkish red surface. From an unstratified level.

Type 9. Sherd of Fabric C painted with thin horizontal lines in chocolate in groups of six enclosing single wavy line over pinkish red slip. From a mid level.

Type 10. Sherd of Fabric C painted in black with an arrow like design over red slip. From a mid level.

Type 11. Sherd of Fabric C painted in black with suspended loops forming fish scales over red slip.

Type 12. Sherd of Fabric C ^{or Harappan Faience,} painted in black with Pipal leaf over plum red slip From an unstratified level.

Plate III *b*

Type 1. Sherd of Fabric A painted in chocolate with a block neck band and horizontal lines at the shoulder and cross hatched arcading design below over matt pinkish red surface. From an unstratified level.

Type 2. Sherd of Fabric A painted with Chocolate block band at the neck, horizontal bands and cross hatched arcading design at the shoulder over matt pinkish red surface. From an unstratified level.

Type 3. Sherd of Fabric A painted with chocolate block band at the neck and shoulder enclosing cross hatched opposed triangles meeting at the apex over matt pinkish red surface. From an unstratified level.

Type 4. Fragment of a vase of Fabric A painted with chocolate bands at the rim and shoulders enclosing cross hatched row of diamonds and sigmas filling the blank space over matt pale red surface. From a mid level. cf. Tepe Hissar III A, (Pl.XXXVI (H 4070)); Amri (P.A.I (1964) Fig.8F, P,61).

Type 5. Sherds of Fabric A painted with chocolate block band and cross hatched arcading below having suspended oblique lines in the blank space over matt pale red matt surface. From an unstratified level.

Type 6. Sherd of a vase with flanged rim of Fabric C painted with black horizontal bands and zigzags forming blank diamonds at the shoulder over red slip. From a mid level.

Type 7. Sherd of Fabric A painted with chocolate vertical latticed design over matt pinkish red surface. From an unstratified level. cf. Tepe Hissar IC, (Pl.XI(H4785)).

Type 8. Fragment of a vase of Fabric C painted with block band at the rim and neck with a white band below and horizontal lines enclosing interconnected zig zags at the shoulder forming blank lozenges over light red slip. From an unstratified level.

Type 9. Sherd of Fabric A painted with black block band and suspended divergent groups of flowing lines below a band over matt red surface. A graffito mark is inscribed over the block design. From an unstratified level.

- Type 10. Sherd of Fabric A painted with a chocolate horizontal band and a zigzag line below over matt pale red surface. From an unstratified level.
- Type 11. Sherd of Fabric A painted with black horizontal bands, the lower one having fine fronds and a fragmentary loop below over matt light red surface. From an unstratified level.
- Type 12. Sherd of Fabric A painted with black horizontal lines and a suspended loop below over matt light red surface. From a mid level.
- Type 13. Sherd of Fabric A painted with black block bands at the shoulder enclosing flowing line and groups of convergent oblique lines below over pinkish red surface. From an unstratified level.
- Type 14. Sherd of Fabric A painted with chocolate horizontal lines of varying thickness enclosing three convergent pointed strokes suggesting a rising sun over matt pale red surface. From an unstratified level.
- Type 15. Fragment of a vase of Fabric A, painted with black horizontal lines over matt red surface at the rim and shoulder with white bands inbetween, in one case superimposed by black flowing line at the shoulder. From a mid level.
- Type 16. Sherd of Fabric A, painted with black horizontal band and three oblique strokes above over matt light red surface. From an unstratified level.

- Type 17. Fragment of a vase of Fabric A, painted in black horizontal bands at the rim and neck and converging oblique lines perhaps forming a diamond like design below over matt brownish red surface. From an early level.
- Type 18. Sherd of Fabric A, painted with a leaf with fronds on one side and a horizontal band below over matt dull red surface. From an unstratified level.
- Type 19. Sherd of Fabric A, painted with black horizontal bands enclosing a white band and a zigzag line and curvy lines in black enclosing white lines over matt dull red matt surface below. From a mid level.
- Type 20. Sherd of Fabric A, painted with black block band and a horizontal line and a zigzag line below with suspended curvy lines matt over red surface. From an unstratified level.
- Type 21. Sherd of Fabric A, painted with black horizontal bands enclosing convergent oblique lines in groups of three over matt red surface. From an unstratified level.
- Type 22. Sherd of Fabric A painted in black with thin leaf designs filled with white paint over matt dull red surface. From a mid level.
- Type 23. Sherd of Fabric A, painted in black with suspended loops formed by triple lines above a horizontal band over matt red surface. From an unstratified level.
- Type 24. Sherd of Fabric A, painted with chocolate with fish like designs some with threads enclosing white flowing

lines over matt pinkish red surface. From a mid level.

Type 25. Sherd of Fabric A, painted with black block band, a horizontal line below and a leaf like design with fronds below over blotchy red surface. It is inscribed with a graffito mark over the block band. From an unstratified level.

Plate IVa

Type 1. Fragment of a vase of Fabric A painted with black block band at the rim and below the shoulder enclosing a white horizontal band at neck over matt dull red surface and incised with horizontal lines enclosing wavy lines in groups of 5 each executed by sharp toothed comb-like instrument at the shoulder. From a mid level.

Type 2. Fragment of a bowl of Fabric A, painted with black horizontal bands at the rim and shoulder enclosing a white block painting over matt dull red surface decorated with intersecting incised oblique lines in groups of seven drawn with a comb like instrument forming a mat pattern. From an unstratified level.

Type 3. Sherd of Fabric A, painted with a black horizontal band at top over dull matt red surface and decorated with incised horizontal lines in groups enclosing flowing lines. From an unstratified level.

Type 4. Sherd of Fabric C, painted with a chocolate line at the shoulder the upper portion being treated with a red slip while the lower part is decorated with incised horizontal grooves. From an unstratified level.

Type 5. Sherd of Fabric A, decorated with parallel broad and shallow grooves executed with a bamboo chip. From a mid level.

Type 6. Sherd of Fabric A, painted with black bands on the interior of rim and at the neck on the exterior over matt dull red surface and decorated with incised oblique lines forming chevron design. From a mid level.

Type 7. Sherd of Fabric A, decorated with incised chevron design. From a mid level.

Type 8. Sherd of Fabric A, decorated with incised shallow flowing groups of lines sometimes overlapping. From an unstratified level.

Plate IV *h*

Type 1. Sherd of a trough of Fabric D, painted with a black band at the rim and decorated with sharp ridged, deep incised irregular parallel grooves on the interior. The exterior is rusticated. From an unstratified level.

Type 2. Sherd of a trough of Fabric D, painted with a black rim band and decorated with shallow incised flowing lines, and overlapping curvy lines in groups of six on the interior. It has rusticated exterior. From an unstratified level.

Type 3. Fragment of a trough of Fabric D, decorated with incised horizontal and flowing shallow lines in groups of six

or seven on the interior. The exterior is rusticated. From an unstratified level.

Type 4. Sherd of a trough of Fabric D decorated with incised flowing lines enclosed between horizontal lines on the interior. From an unstratified level.

Type 5. Sherd of a trough of Fabric D, decorated with incised flowing lines inbetween horizontal lines in groups of eight on the interior. The exterior is rusticated. From an unstratified level.

Type 6. Sherd of Fabric D, decorated with incised flowing lines in groups of eight on the exterior. From an unstratified level.

Type 7. Sherd of a trough of Fabric D, decorated with incised lines bisected by others in group of four on the interior. The exterior is rusticated on the exterior.

Type 8. Sherd of Fabric B, with rusticated exterior showing mild parallel ridges formed with the help of fingers. From an unstratified level.

Type 9. Fragment of a dish on stand on Fabric C, decorated with concentric grooved lines on the interior of the base. From an unstratified level.

Type 10. Sherd of Fabric C decorated with rope designs on the exterior. From an unstratified level.

Type 11. Sherd of a dish on stand of Fabric C, decorated with concentric cogged design on the interior base. From an unstratified level.

Type 12. Sherd of Fabric B having rusticated exterior forming knobs or ridges with the help of fingers. From an unstratified level.

HARAPPAN WARE (Fig. 8)

Type 1. Fragment of a storage jar with projected rim, ledged neck and globular body. It is of medium fabric, burnt to light red or pale red core and painted with black hatched leaf design at the shoulder over light red slip. From an unstratified level.

Type 2. Fragment of a storage jar with short projected rim and ledged neck. It is of medium fabric, burnt to pale red core and painted with black horizontal bands at the rim and shoulder over bright red slip. From an unstratified level.

Type 3. Fragment a "S" shaped vase with flanged rim. It is of medium fabric and burnt to a pale red core. From an unstratified level.

Type 4. Fragment of a vase with disc base, of medium fabric and burnt to red core. From an unstratified level.

Type 5. Fragment of a perforated jar, of medium fabric and burnt to light red core. From an unstratified level.

Type 6.. Fragment of a vase or goblet with narrow footed base, medium fabric and burnt to light red core. From an unstratified level.

Type 7. Fragment of shallow dish with nail headed rim. It is of medium fabric, burnt to pale red core and is unslipped. From an unstratified level.

Type 8. Fragment of a dish on stand with broad squatish stem. It is of medium fabric burnt to pinkish red core and painted with black horizontal lines over light red slip and inscribed with a graffito mark on the interior. From an unstratified level.

Type 9. Fragment of a tall dish on stand. It is of medium fabric, burnt to light red core and painted with black horizontal bands over light red slip. From an unstratified level.

B. The Mitathal Pottery (Figs. 9-15; Pl. V-IX b).

The Mitathal pottery falls into two broad groups, each constituting the diagnostic traits of each of the Periods to which it belongs. The characteristic features of each group alongwith the representative types are described in a chronological order.

The earliest group is characterised by the Late
 Siswal Ware⁶. This ware of Mitathal I shows similarities with the pottery of the comparable period at Siswal^(B) in the Drisadvati Valley. Two Harappan Ware sherds (Fig. 9, 20, 21) in this groups are noteworthy for an interrelationship.

The next group is marked by a great change in the pottery tradition and comprises the (i) Harappan Ware, (ii) the Late Siswal Ware and the (iii) Mitathal IIb Ware. Of these the former two belong to Period IIa, while the last occurs in Period IIb. The Mitathal IIb Ware represents a composite ceramic industry the bulk of which is comprised of the Late Harappan Ware. The Late Siswal Ware or its derivative continues to occur through-out Period II indicating the survival of this ceramic tradition side by side with the Harappan as well as the Mitathal IIb Wares. Besides, a few shapes of Cemetery H Ware are also noticed in the Mitathal IIb Ware complex.

Period I

(1) The Late Siswal Ware (Fig. 9; Pl. V)

Period I at Mitathal is characterised by the Late Siswal Ware (Fig. 9) comprising all the Fabrics, A to F, noticed at the type site, limited in number and variety and distinguished on the basis of clay, potting, treatment of surface and firing etc. Fabric A at Mitathal (Fig. 9, 13) is characterised by medium to thin ware having medium coarse fabric containing lime particles and fired at a high temperature to a brick red colour. The clay is generally not well levigated and the potting is irregular due to the use of slow wheel. The interior of vases is generally irregular and in certain cases the excess clay has been scooped out from the interior with the help of bamboo chips. The surface of the pots is devoid of any treatment and bears matt dull red appearance. The pots are generally painted

at the rim neck or shoulder with black block bands. Block painting in black above shoulder is a special feature met with on the vases (T.1,2,3). The main shapes include vase with out curved (T.2,3) or short outturned rim (T.1). The typical Kalibangan ware of thin fabric and painted with white pigment in addition to black, to produce the bichrome effect, is conspicuous by its absence in Mitathal I as in Siswal B. Fabric B (Pl. V⁸⁴⁹) at the site is distinguished by medium to thick ware, thrown on wheel. Its surface is rusticated by applying a coating of sandy earth below the shoulder. The upper portion of the pots is treated with a thin light red slip. The rusticated surface is further treated with fingers, bamboo chips or fibre to create mild but generally parallel ridges, horizontal or flowing, as in Siswal B. The pots are generally burnt to greyish core. This ware is limited in quantity and confined only to sherds. Fabric C (Fig. 9) represents the bulk of the Late Siswal Ware at the site. It is characterised by medium to thin section, fabric approaching the Harappan, better potting and treatment of the surface with slip ranging from light red or pinkish to dull red. The clay is better levigated and contains less of impurities such as lime kankars and fired to ochreous red core. The surface treatment is generally poor and a slip of thick consistency is rarely applied. The main shapes in the ware include vases with flaring rim (T.11), short everted rim (T.10) or raised concave neck (T.12) bowls (T.7,8,9&14) and lid (T.13). The painting is done in black generally on the rim neck or shoulders of the vases with simple horizontal bands.

Fabric D (Fig. 9 & Pl. V) is confined to a limited number of sherds representing thick storage jar (T.4,4a,5) or jar with short out curved rim and globular body (T.6), which, but for their thickness, can be grouped under Fabrics A or C. The troughs with incised interior, so characteristic of this fabric in Kalibangan Ware, are rare at Mitathal and have shallow grooves (Pl. V, 3+4). Some of the potsherds are also decorated with cord impressions (Pl. V, 3+4).

Fabric E (Fig. 9, 15) is represented by buff slipped ware. In fabric, potting, firing and surface treatment the ware is not distinct from Fabrics A, B, C or D.

Fabric F (Fig. 9, 16) is comprised of grey ware. A limited number of sherds are met with in this fabric and these comprise vases with everted rim and raised neck (T.16). But for its grey colour it is hardly distinguishable from fabric A. Besides these fabrics a few sherds of hand-made dull red ware have also been found. Their clay is mixed with chaff and are crudely potted. The only type met in the fabric in Mitathal I is a dough plate with flat base (T.17 & 18).

The few Harappan sherds occurring in this period (Fig. 9) include sherds of perforated jar, beaker (T.21) and vase with disc base (T.20). The pots are wheel made, well fired and have better levigated medium fabric. They are devoid of any surface treatment.

Very few decorated designs (Pl. V) are met with in the Late Siswal Ware of this period. The painting is exclusively executed in black pigment over red surface. The designs

include a block band at the rim, neck or shoulder of vases over matt surface of Fabric A. In Fabric C, however, a few designs including vertical strokes, suspended loops and flowing lines are met with in black pigment over light red slip. The use of white pigment in addition to black, so popular at Kalibangan and Siswal is conspicuous by its absence at Mitathal.

The incised designs are also few and include grooved flowing lines on both interior and exterior, parallel ridges caused by fingers over rusticated surface and cord marks. The typical incised troughs of Fabric D of Kalibangan are rare and come from unstratified levels.

Fig. 9

1. Fragment of a vase of Fabric A with short outcurved rim and tapering shoulder. It is of medium coarse fabric burnt to brick red core and painted with black block band above shoulder over matt red surface. From a late level of Period I. cf. Siswal Fig. 3 ,22.
2. Fragment of a vase of Fabric A with short outcurved rim and tapering shoulder. It is of medium coarse fabric, burnt to brick red core and painted with black block band above shoulder over matt red surface. From a late level of Period I.
3. Fragment of a jar of Fabric A with externally grooved rim and flaring mouth. It is of medium coarse fabric, burnt to brick red core and painted with black block band above shoulder. From a late level of Period I.

4. Fragment of a storage jar of Fabric^D with a wide mouth, externally collared rim and convex profile. It is of medium coarse fabric, burnt to brick red core and painted with a black horizontal band at the rim over light red slip. From an early level of Period I. Variant 4a is distinguished by a larger size and smaller rim. From a mid level of Period I.
5. Fragment of a storage jar of Fabric D with outcurved beaked rim. It is of medium coarse fabric, burnt to brick red core and painted with a black band at the rim over pinkish red slip. From a late level of Period I.
6. Fragment of a jar of Fabric D, with an outcurved rim and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with a black band at the rim over a self slipped light red surface. From an unstratified level.
7. Fragment of a bowl of Fabric C with externally grooved, blunted rim and tapering sides. It is of medium coarse fabric, burnt to grey core and painted with a black band at the rim and suspended loops on the interior light red slip. From an unstratified level.
8. Fragment of a bowl of Fabric C with ~~flat~~^{inverted} projected rim and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with a black band on the interior of the rim over red slip. From a late level of Period I. cf. Siswal Fig. 4 , 38.

9. Fragment of a bowl or dish of Fabric C with externally bevelled rim and tapering sides. It is of medium coarse fabric and burnt to brick red core. From a mid level of Period I.
10. Fragment of a vase of Fabric C with short everted rim and globular body. It is of medium coarse fabric, burnt to brick red core and painted with black lines at the rim and belly over light red slip. From a mid level of Period I. cf. Siswal Fig. 3 ,3.
11. Fragment of a vase of Fabric C with flaring rim and ovaloid body. It is of medium coarse fabric, burnt to brick red core and painted with block band in black above shoulder over light red slip. The slip and the painting have largely flaked off. From a mid level of Period I.
12. Fragment of a vase of Fabric C with outturned rim raised concave neck and tapering shoulder. It is of medium fabric, burnt to brick red core and painted with black horizontal bands at the rim and shoulder over light red slip. From an early level of Period I. cf. Siswal Fig. 3 ,14.
13. Fragment of a lid of Fabric C with a short button knob on top. It is of medium fabric and burnt to brick red core. From a mid level of Period I.
14. Fragment of a dish or bowl of Fabric C with a nail headed rim and tapering sides. It is of medium coarse fabric, burnt to partly greyish core and painted with a band at the rim over light red slip. From a mid level of Period I. cf. Siswal Fig. 4 ,34.

15. Fragment of a sturdy vessel of Fabric E with a hollow base and tapering sides. It is of medium fabric, burnt to brick red core and treated with a buff slip. From a mid level of Period I.
16. Fragment of a vase of Fabric F with everted rim and raised neck. It is of medium fabric and burnt to grey core. From a mid level of Period I.
17. Fragment of a dough plate of dull red ware. It is hand-made, of coarse fabric mixed with chaff and treated with buff wash. From a late level of Period I.
18. Fragment of a dough plate of dull red ware fabric. It is hand made, of coarse fabric and devoid of any surface treatment. From a mid level of Period I.
19. Fragment of a dish of Fabric C with hammer headed rim and tapering sides. It is of medium coarse fabric burnt to brick red core and devoid of any surface treatment. From a late level of Period I.
20. Bottom of a Harappan vase with a disc base and tapering sides. It is of medium fabric, burnt to a brick red core and painted with a black horizontal band on the lower body over red slip. From a mid level of Period I.
21. Bottom fragment of a Harappan beaker. It is of medium fabric, burnt to brick red core and devoid of any slip on surface. From a mid level of Period I.

Plate V

1. Sherd of a vase of Fabric C painted with black horizontal band at the rim and vertical conical strokes below at the neck and shoulder over light red slip. From a late level of Period I. Roughly cf. Navdatoli⁷(Fig.5,5b+6) and Prakash⁸ (Pl. XII,B)
2. Sherd of Fabric C painted with black waving bands with double suspended loops and a horizontal line below over light red wash. From a mid level of Period I.
3. Sherd of Fabric D trough, decorated with shallow horizontal and flowing grooves, partly over-lapping, in groups of four on the interior. From an late level of Period I.
4. Sherd of Fabric D trough, decorated with shallow incised horizontal and flowing lines on the interior and rusticated exterior. From a late level of Period I.
5. Sherd of Fabric D decorated with cord marks on the exterior. From a late level of Period I.
6. Sherd of Fabric D decorated with a wavy cord design. From an unstratified level.
7. Sherd of Fabric D decorated with cord marks on the exterior. From a late level of Period I.
8. Sherd of Fabric B decorated with parallel ridges formed by fingers over rusticated exterior. From an unstratified level.
9. Sherd of Fabric B, decorated with parallel ridges formed with fingers over rusticated exterior. From an unstratified level.
10. Sherd of a trough of Fabric D, with rusticated exterior. From an early level of Period I.

PERIOD IIb(1) The Harappan Ware (Fig. 10; Pl. VII a + b).

This Ware (Fig. 10) so well known to us from sites in the Indus and the Sarasvati Valleys, is made of ~~red ware of~~ medium fabric, ~~is made of~~ well levigated clay and generally burnt to a red core. Most of the vessels are plain and treated with thin light red slip, while some of the vessels are devoid of any slip. The main types include storage jar, jar with re-recurved rim and globular body; vase with beaded rim, raised neck and globular body; vase with outcurved rim; squatish vase with narrow mouth; dish on stand with projected rim and carinated shoulder; bowl on stand; tall stand of dish with or without a drum; dish with nail headed rim and flat base; vase with pointed base; beaker; perforated jar etc.

The ware is generally plain and devoid of any decoration. The painting is executed in black over light red ~~p or a~~ pinkish red slip. In a few cases the use of chocolate pigment is also noticed. In the painted pottery the most common are the horizontal lines. The other designs include linear and geometric motifs (Pl. VI a a+b), viz. horizontal wavy lines, net design; obliquely hatched row of diamonds; cross hatched concave triangles alternately inverted, the intermediary blank ovals filled with cross hatched leaves converging at both ends. (Pl. VI a 10); branches with leaves design etc. The incised decoration is confined to cord design and paring marks.

The Harappan Ware at this site severely lacks variety of shapes and decorated designs, both painted and incised. The fabric, treatment of surface and the decoration in this case is inferior to that of Harappa, Mohenjodaro and Rugar. The pottery has a thin light red slip and is painted in black. The buff or buff slipped wares met at the Harappan sites in Sind and Gujarat and the associated wares at Lothal viz. the black and red ware, micaceous red ware, coarse grey and red wares, are absent here though the Late Siswal Ware survives side by side in good quantity. The pottery lacks the use of bright red slip of Harappa¹⁰ or the deep red of Mohenjodaro.¹¹ Although it retains the characteristic mature Harappan shapes, the storage jars with flanged rim, narrower^{or} wide mouth; pyriform jars; highly decorated 'S' shaped jar and the saucepan handle common at the classical Harappan sites in the main Valley, are conspicuous by their absence. The scored goblet, common in the upper levels at Harappa¹² is also not found. The most common designs comprise of simple horizontal bands, sometimes forming borders for the registers containing linear or geometric motifs. The painting is mostly confined to the shoulder of the pots, and the vessels decorated all over the surface are rare. There is no overcrowding of the designs as met at the Indus sites. The naturalistic and floral motifs such as fish, peacock, deer, stag, birds, pipal leaf, tree, plantain and pettalled flowers, so common at the classical Harappan sites in the main valley¹³ or at Lothal.¹⁴ are also missing. The only animal motif painted here is a goat

like animal with cross hatched body (Pl.VIIIa, 4). The plant motifs are also absent, though a few leaf designs occur. The classical designs of the Indus pottery¹⁵ such as the crow foot in loops, contiguous circle pattern, heart design, intersecting circles, concentric circles with flowing radiating lines, cross double axe etc. are conspicuous by their absence at Mitathal. The incised decoration on the interior of the dish on stand including concentric circles, cogged design etc. is also not met in Mitathal pottery.

Figure.10

1. Fragment of a storage jar with thick externally collared rim and globular body. It is of medium fabric, burnt to pale red core and has worn of surface. From an unstratified level. Roughly cf. M.D.^(Mdeiyadno) (Pl. LXXXV, 4)¹⁶.
2. Fragment of a jar with beaked rim. It is of medium fabric and burnt to pale red core. From an unstratified level.
3. Fragment of a jar with recurved rim and tapering sides. It is of medium fabric, burnt to pale red core and painted with black carefully ruled horizontal fines at the rim and below over light red slip. From a late level of Period IIa.
4. Fragment of a vase with an out curved rim and tapering shoulder. It is of medium fabric, burnt to light red core and treated with light red slip. From a mid level of Period IIa. Variant 4a is distinguished by an everted rim and a black band at the rim. From a late level of Period IIa.

5. Fragment of a vase with recurved rim and tapering shoulder. It is of medium fabric, burnt to light red core and treated with a light red slip. From a mid level of Period IIa.
6. Fragment of a vase with an out curved rim and tapering sides. It is of medium fabric, burnt to light red core and painted with black band at the rim over matt red surface. From a mid level of Period IIa.
7. Fragment of a vase with a beaded rim, raised neck and globular body. It is of medium fabric, burnt to pale red core and worn of surface. From a late level of Period IIa. cf. M.D. (Pl. LXXXIII, 12).
8. Fragment of a vase with flaring externally levelled rim. It is of medium fabric, burnt to brick red core and painted with a black band at the rim over light red slip. From a late level of Period IIa.
9. Vase with a narrow mouth, beaded rim, carinated body and disc base. It is of medium fabric, burnt to light red core and painted with groups of carefully scored horizontal lines in between thicker bands on the upper part of the body over brownish red slip. From a late level of Period IIa.
10. Fragment of a vase with flaring mouth and beaked rim. It is of medium fabric, burnt to light red core and self slipped. From an unstratified level.

11. Flat base of a vase of medium fabric, burnt to greyish core and treated with a light red slip. From an early level of Period IIa. Variant IIa is distinguished by a bigger size and disc base. From a late level of Period IIa.
12. Fragment of a perforated jar. It is of medium fabric, burnt to light red core and devoid of any slip. From an unstratified level.
13. Hollow base of a perforated jar. It is of medium fabric, burnt to light red core and devoid of any surface treatment. From a mid level of Period IIa.
14. Pointed base of a vase or goblet of medium fabric, burnt, to light red core and treated with a light red slip. From a late level of Period IIa.
15. Fragment of a dish on stand with short drooping or recurved rim. It is of medium fabric and burnt to light red core. From a mid level of Period IIa. cf. M.D.(Pl.LXXX,10) and
(Chambudaro) 17
CHD(Pl.XXV.29)
16. Fragment of a dish on stand with a projected rim and carinated shoulder. It is of medium fabric, unoxidized core and treated with a light red slip. From a mid level of Period IIa. cf. M.D.(Pl.LXXIX,13) and CHD(Pl.XXV,7).
17. Fragment of a dish on stand with a long projected rim and carinated shoulder. It is of medium fabric, burnt to partly greyish core and blotchy surface and treated with a light red slip. From an early level of Period IIa. cf. MD.(Pl.LXXIX,11)
(Harappa) 18
and HP (Pl.LXX.12).

18. Fragment of a bowl on stand with a rib at the joint of the bowl and the stem. It is of medium fabric, burnt to light red core and painted with black bands at the rib and below and concentric circles on the interior of the bowl over light red slip. From a late level of Period IIa. cf. HP.(Pl.LXX,13).

19. Fragment of a tall dish on stand. It is of medium fabric, burnt to greyish core, treated with a smoky slip and decorated with paring marks. From a mid level of Period IIa. cf. MD.(Pl.LVXIX,23) and CHD(Pl.XXV,19). Variant 19a is distinguished by the base. cf. MD.(Pl.LXXXIII,43) and CHD(Pl.XXV,27).

20. Mid portion of a dish on stand with a drum. It is of medium fabric, burnt to red core and treated with pinkish red slip. From a mid level of Period IIa. cf. MD.(Pl.LXXIX,23).

21. Fragment of a dish with nail headed rim and heavy disc base. It is of medium fabric burnt to light red core and devoid of any surface treatment. From an early level of Period IIa. Variant 21a is distinguished by an incurved rim. From an early level of Period IIa. Roughly cf. MD.(Pl.LXXXII,35).

22. Fragment of a sturdy dish with an expanded rim and blunt carinated shoulder. It is of medium fabric, burnt to brick red core and treated with a pinkish slip on the interior. From a mid level of Period IIa.

23. Fragment of a basin or deep dish with an externally projected rim and tapering sides. It is of medium fabric burnt to dull red core and treated with a light red slip. From a late level of Period IIa.

24. Ring base of a dish. It is of medium fabric, burnt to light red core and treated with a light red slip. From a late level of Period IIa. Roughly cf. MD.(Pl.LXXXIII,41).

(11) The Late Sisval Ware (Fig. 11)

This Ware (Fig. 11) and (Pl.VIIIa+b) continues to exist in this Period throughout side by side with the Harappan Ware¹⁹ in fairly good quantity. The ware comprises all Fabrics - A to F and a few sherds of hand made dull red ware. The irregularity of potting due to the use of slow wheel and the medium coarse fabric mark the fabric. But in most of the cases the pots are well fired to a red core and treated with a light or dull red wash or slip. The main shapes include vases with raised neck, flaring rim or outcurved rim, and flanged rim; jars with thick outcurved or beaded rim, carinated hands; bowls with everted rim and carinated shoulder, blunted or grooved rim and tapering sides and featureless rim and convex sides; loop handle of vase with flatish or circular section; hollow lid with a central knob and dish on stand. The painting is executed in thick black pigment over generally matt red surface. The painted designs include linear or geometric motifs though a few naturalistic designs are also met. The most common motif is constituted by horizontal bands generally thick. The other designs include horizontal flowing lines or loops, oblique strokes in groups, cross hatched oblique panels, net design, ladder design, cross hatched diamonds in

row, cross hatched triangles with side loops, suspended loops, inverted cross hatched triangles, roundle, loop with fronds, cross hatched ovals etc. Among the naturalistic motifs may be included flowers with stalk and scorpion designs. The designs are mostly arranged in horizontal registers at the shoulder. An interesting feature is a reserved slip ware where the black block bands are scratched with a comb like instrument to reveal the lower matt red surface forming a motif of flowing lines or concentric arcs. The incised decorations include shallow flowing lines in groups, oblique notches and cord designs.

The dull red ware of medium coarse fabric, hand made and sometimes treated with a red slip, occurs in a limited quantity as in Period I. The ware is ill burnt and the main shapes include fragments of loop handle of large jars and dough plates.

Figure 11, Fabric A

1. Fragment of a vase with a beaded rim and raised neck. It is of medium coarse fabric, burnt to a brick red core and painted with a black block band at the rim and neck over matt surface. From an early level of Period IIa.
2. Fragment of a vase ~~of fabric~~ with a flaring rim, and ovaloid body. It is of medium coarse fabric, burnt to a brick red core and painted with a black block band at the rim, neck and shoulder over matt surface. From a mid level of

Period IIa. cf. Fairservis(Fig.53, P.261)²⁰ Siswal(Fig.5,13) and Mitathal I(Fig.9,11).

3. Fragment of a vase with outcurved blunted rim and globular body. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal bands at the rim and shoulder over matt pinkish red surface. From a late level of Period IIa. cf. Mitathal I (Fig.9,10).
4. Fragment of a vase of short outgoing rim, and expanding shoulder. It is of medium coarse fabric, burnt to brick red core and treated with white slip above shoulder. From a mid level of Period IIa. cf. Mitathal I (Fig.9,2).
5. Fragment of a vase with short out curved rim and tapering sides. It is of medium coarse fabric, burnt to a brick red core and painted with a black band at the rim and a black block band at the neck and shoulder over matt red surface. From a mid level of Period IIa. cf. Siswal (Fig.3,16).
6. Fragment of a jar with outturned oblique cut rim and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with a black block band at the rim and shoulder over matt red surface. From a late level of Period IIa.
7. Fragment of ^ajar with a beaded ^{rim} It is of medium coarse fabric, burnt to brick red core and painted with black horizontal bands at the rim and shoulder. From an early level of Period IIa.
8. Fragment of a lid with a central knob. It is of medium coarse fabric and burnt to brick red core. From a mid level of Period IIa.

9. Loop handle of a vase with flatish section. It is of medium fabric, burnt to a brick red core and painted with lateral parallel black bands enclosed by longitudinal bands on the sides of the handle over matt pinkish red surface. From a mid level of Period IIa. cf. Siswal (Fig. 3, 25).
10. Fragment of a bowl with everted rim and sharply carinated shoulder. It is of medium coarse fabric, burnt to brick red core and painted with black horizontal band at the rim and a black block band decorated with concentric roughly semi circular reserved slip design at the shoulder over matt red surface. From a mid level of Period IIa.
11. Fragment of a bowl with an everted rim and carinated shoulder. It is of medium fabric, burnt to brick red core and painted in black with a net design enclosed between horizontal bands at the shoulder and rim band above over smooth red surface. From a mid level of Period IIa. Variant IIa is distinguished by an sharper featureless rim blunt carination at shoulder, a block band at the rim and partly over-lapping suspended loops on the interior of the rim. From a mid level of Period IIa.
12. Fragment of a bowl with an oblique cut rim and tapering sides. It is of medium fabric, burnt to brick red core and painted with a black band at the rim over matt light red surface. From a mid level of Period IIa.
13. Fragment of a bowl with a flat topped rim and convex sides. It is of medium fabric, burnt to brick red core and painted with black band at the top of the rim and suspended

loops on the interior over matt pinkish red surface. From a late level of Period IIa.

14. Fragment of a bowl with a featureless oblique cut rim and tapering sides. It is of medium fabric, burnt to brick red core and painted with a thick black band at the rim and suspended loops on the interior over matt red surface. From a mid level of Period IIa.

15. Fragment of bowl with a flat topped featureless rim and tapering sides. It is of medium fabric, burnt to brick red core and painted with a black band at the rim over pinkish red surface. From a mid level of Period IIa.

16. Fragment of a bowl with a flat topped rim and convex sides. It is medium coarse fabric, burnt to brick red core and painted with a black band at the top of the rim over matt red surface. From a mid level of Period IIa.

17. Fragment of a bowl with a rim grooved at the top and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with a black horizontal band at the top of the rim over matt red surface. From a late level of Period IIa.

18. Fragment of a bowl with internally bevelled rim and convex sides. It is of medium fabric, burnt to brick red core and painted with a black band at the rim over matt light red surface. From a late level of Period IIa.

19. Fragment of a bowl with an externally bevelled rim and tapering sides. It is of medium fabric and burnt to brick red core. From a late level of Period IIa.

Fabric C

20. Fragment of a bowl of red ware with a sharpened featureless rim and convex sides. It is of medium fabric burnt to brick red core and painted with black band at the rim on both sides over light red slip. From a late level of Period IIa.

21. Fragment of a bowl with outcurved featureless rim, concave neck and carinated shoulder. It is of medium fabric, burnt to brick red core and painted with black horizontal bands at the rim and shoulder enclosing groups of vertical strokes over red slip. From an early level of Period IIa.

22. Fragment of a vase with short out curved rim and tapering shoulder. It is of medium fabric, burnt to brick red core and painted with black horizontal bands at the rim and neck over light red slip. From a late level of Period IIa. cf. Mitathal I (Fig. 9, 12).

23. Fragment of a vase with an out turned rim ledged neck and globular body. It is of medium fabric and burnt to brick red core. From a mid level of Period IIa. cf. Mitathal I (Fig. 9, 1).

24. Fragment of a vase with flared out rim and raised neck. It is of medium fabric and burnt to brick red core. From a late level of Period IIa. cf. Siswal (Fig. 3, 24).

25. Fragment of a vase with an everted rim, narrow neck and tapering sides. It is of medium coarse fabric, burnt to brick red core and painted with a black band at the rim over pinkish red slip. From a late level of Period IIa.

26. Fragment of a carinated handi. It is of medium fabric, burnt to brick red core and painted with black horizontal bands at the rim and shoulder over pinkish red slip. From a mid level of Period IIa.

Fabric E

27. Fragment of a vase with short outtured rim and tapering sides. It is of medium fabric, burnt to dull red core and painted with a chocolate band at the rim over buff slip. From an early level of Period IIa.

Fabric F

28. Fragment of a vase with a flaring obliquecut rim and ovaloid body. It is of medium coarse fabric and burnt to a grey core and blotchy surface. From a late level of Period IIa.

29. Fragment of a broad base of a dish on stand. It is of medium coarse fabric and burnt to grey core and surface. From a mid level of Period IIa.

Hand made Dull Red Ware

30. Fragment of a thick hand made loop handle of a vase with a rounded section. It is of medium coarse fabric, burnt to greyish core and treated with a red slip. From a late level of Period IIa. cf. Dabarkot (Fairervis Fig.31,g, P.323).²¹

The Painted and Decorated PotteryPlate VI C₂

1. Sherd of a medium thick Harappan red ware, painted with black horizontal bands in the upper portion enclosing thinner lines and a zigzag line over pale red surface. It is decorated with cord marks also. From a late level of Period IIa.
2. Sherd of a medium thick Late Siswal Ware, Fabric A, painted in black with horizontal bands and a block band below which is scratched by a comb-like instrument to form flowing lines showing the lower red surface in the manner of the reserved slip design over matt red surface. From a late level of Period IIa.
3. Sherd of a medium thin Late Siswal Ware, Fabric A, painted in black with horizontal band, the lower one of which is scratched with a comb-like instrument producing flowing lines showing the lower red surface in the manner of reserved slip ware over matt red surface. From a mid level of Period IIa.
4. Sherd of a medium thick Harappan red ware, painted with black horizontal lines enclosing oblique lines over light red slip. From a mid level of Period IIa.
5. Sherd of a medium thick Late Siswal Ware, Fabric A painted with black horizontal bands in varying thickness enclosing a flowing line. A block band below is decorated with concentric semi-circles in the manner of the reserved slip ware. From a mid level of Period IIa.

6. Sherd of a thin Harappan red ware, painted in chocolate horizontal bands enclosing loops and a cross hatched design above over pale red smooth slip. From a late level of Period IIa.
7. Sherd of a bowl of Late Siswal Ware, Fabric C, painted in black with horizontal lines enclosing oblique strokes, in a group of four, over red slip. From an early level of Period IIa.
8. Sherd of a medium thin Late Siswal Ware, Fabric A, painted in black horizontal bands hatched vertically by thin lines over matt red surface. From a mid level of Period IIa.
9. Sherd of a medium thick Harappan ware, painted with black horizontal lines enclosing oblique hatched chain of irregular diamonds over buffish red slip. From a late level of Period IIa.
10. Sherd of a medium thick Harappan red ware, painted with black horizontal bands enclosing cross hatched concave sided alternately opposed triangles forming blank ovals containing cross hatched leaves conveying at ends over pinkish red slip. From a late level of Period IIa.
11. Sherd of a thin Late Siswal Ware, Fabric ^C, painted with black horizontal lines enclosing cross hatched panel over pale red slip. From a late level of Period IIa.

12. Sherd of medium thin Late Siswal Ware, Fabric A, painted with black horizontal bands enclosing cross hatched diamonds over red surface. From a late level of Period IIa.
13. Sherd of a medium thick Late Siswal Ware, Fabric C, painted with black horizontal lines intersected by vertical lines over red slip. From a mid level of Period IIa.
14. Sherd of a medium thick Late Siswal Ware, Fabric A, painted with thick black horizontal bands enclosing cross hatched inverted triangles with double verticals suspended inbetween and roundles perhaps on either side, over matt red surface. From a mid level of Period IIa.
15. Sherd of a medium thin Late Siswal Ware, Fabric A, painted with black horizontal bands enclosing cross hatched inverted triangle over matt dull red surface. From an early level of Period IIa.
16. Sherd of a thin Late Siswal Ware, Fabric C, painted in black horizontal lines with a cross hatched triangle having side loops over light red slip. From a late level of Period IIa.
17. Sherd of a thick Late Siswal Ware, Fabric C, painted with black horizontal bands and cross hatched oblique panels over dull red slip. From an early level of Period IIa.

18. Sherd of a thin Late Siswal Ware, Fabric A, painted with black horizontal bands and dots above over matt pinkish red surface. From an early level of Period IIa.
19. Sherd of a medium thick Late Siswal Ware, Fabric C, painted with black horizontal bands enclosing a fragmentary thick loop with fronds over light red slip. From a late level of Period IIa.
20. Sherd of a medium thick Late Siswal Ware, Fabric C, painted with black horizontal band and a fragmentary cross hatched design above over light red wash. From a mid level of Period IIa.

Plate VI (A)

1. Sherd of a medium thin Harappan red ware, painted with black horizontal band and finely drawn lines with branches below over smooth red surface. From a late level of Period IIa.
2. Sherd of a medium thick Late Siswal Ware, Fabric A, painted with a black horizontal band and fragmentary flower-like designs below over dull red surface. From a mid level of Period IIa.
3. Sherd of a medium thick Harappan red ware, painted with black horizontal bands with a fragmentary leaf-like design above. From a late level of Period IIa.
4. Sherd of a medium thick Harappan red ware, painted with an animal with cross hatched body and horns below

horizontal lines over dull red surface. From a late level of Period IIa.

5. Sherd of a medium thick Late Siswal Ware, Fabric B treated with smooth red slip on the shoulder, the lower portion being rusticated and separated by a black line at the juncture. The lower rusticated surface is decorated with shallow grooves. From a late level of Period IIa.
6. Sherd of a thick Late Siswal Ware, Fabric E, painted with chocolate horizontal bands in groups of four enclosing a wavy band over greenish buff slip. From an unstratified level.
7. Sherd of a medium thick Late Siswal Ware, Fabric A, red ware painted in black with a fragmentary design over matt dull red surface. From an unstratified level.
8. Sherd of a thin Late Siswal Ware, Fabric G, painted in black with a cross hatched fragmentary scorpion-like motif over light red slip. From a late level of Period IIa.
9. Sherd of medium thick Late Siswal Ware, Fabric B, decorated with flowing incised lines in a group of seven below the rib. From a mid level of Period IIa.
10. Sherd of medium thin Late Siswal Ware, Fabric C, decorated with incised notches on the exterior. From a late level of Period IIa.

Period IIb

The Late Harappan Ware (Figs. 12-15; Pl. VII^a - IX^b).

The ceramic industry of Mitathal IIb is marked by a growing degeneration and an²² devolutionary trend in the otherwise continuing mixed tradition²² of Mitathal IIa. The pottery primarily comprises the Harappan Ware or its derivative and the derivative of the Late Siswal Wares surviving side by side throughout the Period. A clear cut distinction between the two wares has, however, been blurred in this phase as the latter ware has now an almost similar fabric and treatment of surface²³ as the Harappan Ware²³ of most of the sherds. It is for this reason that the former scheme of classification of the pottery of Mitathal IIa could not be adopted in this sub Period.

The pottery of this phase is distinguished by an inferior fabric, manufacture, treatment of surface and decoration as compared to that of Period IIa. The clay is now not so well levigated and the fabric is slightly inferior in case of the Harappan types.

Of the classical Harappan shapes occurring in Period IIa, the beaker or vase with pointed base, dish and perforated jar are rare and fell out of use as elsewhere in the Late Harappan phase.²⁴ Some of²⁴ the shapes such as the storage jars, vases and dish on stands²⁵ were considerably modified. The representative shapes include storage jars with collared rim (Fig. 12, 4) beaded rim (Fig. 12, 5) and recurved rim and tapering shoulder (Fig. 12, 8 and 9); jars with beaded rim and expanding shoulder (Fig. 12, 2 and hooked rim and globular body (Fig. 12, 11); vases with raised neck, beaded rim and disc base (Fig. 12, 15), beaded

rim and high neck (Fig.12,22&23) and long beaked rim and high concave neck (Fig.12,24); cooking handi with flaring rim rusticated below the shoulder (Fig.13,30); dish on stand with projected rim and blunt carinated shoulder (Fig.14,89&90), externally thickened projected or hooked rim (Fig.14,86,86a and 87); Dish on stand with drooping rims (Fig.15,93,95 and 97) and Dish on stand with tall stem (Fig.15,98), ribbed stem with drum lost (Fig.15,101) and broad squat stem (Fig.15,102,103 and 104). The main shapes in the non-Harappan ceramic tradition include vases with flaring rim, globular body and disc base (Fig.12,18,19&20); lota shaped vase with ovaloid body (Fig.12,26,27&28); vase with short outturned rim and tapering shoulder (Fig.13,34,35&35a); vase with flanged rim high neck (Fig.13,40&41) and ovaloid body (Fig.13,42); flask or vase (Fig.13,45); bowl-like lid with central knob (Fig.13,49,50); bowl with featureless rim and saggar base (Fig.13,52) flat topped and convex or tapering sides (Fig.13,57 and 56), everted rim and convex sides and rounded bottom (Fig.13,58), flaring rim and vertical shoulder (Fig.13,62), everted rim and carinated shoulder (Fig.13,65 and 67), carinated shoulder and deep concave upper profile (Fig.13,63), hooked rim and carinated shoulder (Fig.13,66&69) beaded projected rim and disc base (Fig.13,73) and everted rim and tapering sides (Fig.13,70); basin with hooked rim and carinated shoulder (Fig.14,74,75), flaring rim and blunt carinated shoulder (Fig.14,79), blunted rim and tapering sides (Fig.14,77), flaring rim and convex sides (Fig.14,78); dish on stand, deep and squat (Fig.14,82-83),

bowl on stand (Fig. 14, 88), dish on stand with raised projected rim and carinated shoulder and ribbed stem (Fig. 14, 91-92) and platter with flaring rim and flat base (Fig. 14, 76).

The decoration on pottery consists of painted as well as incised designs. The painting is generally executed in black pigment over red background. Though the use of chocolate over pinkish red or buffish surface is also known. The Harappa shapes or their derivatives are generally plain and treated with thin light red slip.

The pots of Late Siswal Ware tradition are, however, profusely painted. The use of the characteristics block band occurs in a limited cases. The variety and richness of the painted designs in this ware suggest an almost resurgence of the pre-Harappan style of pottery painting.²⁶

The painting is executed in black pigment over red surface. The use of red as the second pigment in addition to black, noticed in the corresponding phase at Lothal,²⁷ is conspicuous by its absence in Mitathal IIb. The painted motifs are repetitive and generally not carefully executed. Most of the motifs include the linear and geometric designs and the naturalistic designs are mostly stylised as in Lothal B.²⁸ The usual pattern of painting consists of horizontal registers framed by horizontal bands and sometimes divided into panels by vertical lines or chevrons (Pl. VIIa, 1 and 5), generally executed at the shoulder of the vases, jars and bowls, and at the rims and stems of dish on stands. The most common designs

include horizontal bands, oblique strokes in groups and flowing a zigzag lines. The other important designs consist of branch (Pl. VIIIb, 1, 2, 4, 5, 6), hatched leaf, (Pl. VIIIb 12, 14 and 16-18), plant (Pl. VIIIb, 3), plant with flower (Pl. VIIIb, 10), lotus with stalk (Pl. VIIIb, 9, 11), honey comb (Pl. VIIIa, 13), beans (Pl. VIIIb, 7, 8), eye lid design (Pl. VIIIa, 10), circle with dots, (Pl. VIIIa, 11) ovals with dot and fronds (Pl. VIIIa, 1), chevron (Pl. VIIIa, 7), chevron enclosed by vertical lines and dotted loops (Pl. VIIIa, 3), row of cross hatched diamonds (Pl. Xa, 1, 2), cross hatched triangles (Pl. Xa, 3), dotted diamonds (Pl. VIIIa, 4), inverted cross hatched triangles (Pl. VIIIa, 5), hatched opposed triangles (Pl. VIIIa, 8, 9), hatched triangles within ladder designs (Pl. VIIIa, 6), ladder design (Pl. VIIIb, 4), cross hatched vertical columns (Pl. Xb, 5, 6), horizontal bands with dots necklace design (Pl. VIIIb, 2), dotted row within horizontal bands (Pl. VIIIb, 3) net design (Pl. VIIIb, 7) cross hatched horizontal register containing ovaloid hollows with roundles within (Pl. VIIIb, 8), hatched semicircles (Pl. VIIIb, 11), thick loops (Pl. VIIIa, 2), concentric loops (Pl. VIIIb, 10), and maltese cross (Fig. ¹³13, 42). A few sherds of reserved slip were having flowing lines (Pl. VIIIb, 15), or concentric loops (Pl. VIIIb, 13, 14) over black block bands when wet, drawn with the help of a comb-like instrument to remove the upper paint partially revealing the lower red surface.

The incised decoration on the Mitathal IIb pottery is on the whole limited as compared to that from the Ghaggar²⁹ or Sutlej Valley sites.³⁰ It is executed with sharp toothed instruments, bamboo chips, fingers and by impressing cord marks (Pl. XIb, 12) generally on the exterior of the pots (Pl. IXb)

though a few sherds of troughs are decorated with shallow grooves on the interior recalling Fabric D of Period I. The shallow but broad horizontal or flowing grooves with mild ridges on sides, are executed with finger on the rusticated exterior of water jars (Pl. IX b, 13, 14) as in Fabric B of Period I. The other common designs include horizontal grooves, sometimes intersected by oblique slashes (Pl. IX b, 2), groups of convergent slashes (Pl. IX b, 5) and horizontal lines cut by groups of vertical lines forming a basketry pattern (Pl. IX b, 4) over an applied broad band, vertical (Pl. IX b, 7) or horizontal (Pl. IX b, 9), flowing lines in groups generally on the coarse or rusticated portion below the ribbed shoulder of squat handis, a cooking vessel as at Bara ³¹ and chevron design (Pl. IX b, 8) and oblique ^{Stokes} start (Pl. IX b, 10). These designs are invariably met in the painted pottery excepting the basketry design and seem to have been incised on the cooking pots as these are unsuitable for painting. It may be recalled that the incised decoration on the exterior of vases also occur in the Kali-³² bangan Ware at Siswal (Pl. XV a) and also on the Harappan pottery at Mitathal (Pl. VI c) and elsewhere. ³³ An interesting design represents horizontal rows of chevrons ^{like rope marks} over raised bands of a crimson red sherd (Pl. IX b, 8) roughly recalling the Ahar motif. ³⁴

The ceramic industry of this Period though devoid of the characteristic surface treatment and painted designs includes a few shapes typical of the Cemetery H Ware. ³⁵ The most conspicuous among these is a thin flask (Fig. 13, 45) also met at Ambkheri. ³⁶ The other types include storage jars with collared rim (Fig. 12, 6), dish on stand with flaring rim and sharp carinated shoulder (Fig. 14, 91, 92) basin with beaded rim and flat base (Fig. 14, 86a).

Mitathal IIB. PotteryFigure - 19

1. Fragment of jar with beaded rim, medium fabric, burnt to red core and dull red slip. From an unstratified level. R.C.Gaur(o.c.p.Fig.1),³⁷ Rangpur IIB (A.I.18&19, Fig.27,2).^{37a}
2. Fragment of a jar with beaded rim, medium fabric, greyish slip. From an early level. Prototype of K.Deva (o.c.p. type 3),³⁸ Rangpur IIB(A.I.18&19, Fig.27,11).
3. Fragment of a jar with vertical beaded rim, medium fabric, dull red core and pinkish slip. From an early level.
4. Fragment of a storage jar with collared flat topped rim, wide mouth, dull red core and dull red slip. From an unstratified level. cf. Rangpur IIB(A.I.18&19, Fig.28,18).
5. Fragment of a stage jar with beaded rim, no neck, medium fabric, dull red core and dull red slip. From an unstratified level.
7. Fragment of a jar with collared rim, medium fabric, dull red core and dull red slip. From a mid level. cf. Rangpur IIB(A.I.18&19, Fig.28,20a) and Bara.³⁹
8. Fragment of a jar with recurved rim, painted with black horizontal bands enclosing zigzag line at shoulders, dull red core and dull red slip. From a mid level. cf. Rangpur IIB(A.I.18&19, Fig.27,12) and Bara.

8. Fragment of a jar with outcurved bevelled rim and tapering sides medium fabric, painted design as on type 7, dull red core and dull red slip. From a mid level. Prototype of K. Deva, T.3a.
9. Fragment of a jar with recurved rim and tapering sides, medium fabric, dull red core, light red slip. From a mid level.
10. Fragment of a vase with hooked rim, convex sides, painted design as on type 7 over dull red slip. From a mid level.
11. Fragment of a jar with hooked rim, globular sides, pinkish red core, painted design as on type 7 over dull red slip. From a late level.
12. Fragment of a vase with beaded rim, globular profile, painted with black strokes in between horizontal bands at the shoulder pinkish red core and dull red slip. From a late level.
13. Fragment of a vase with beaded rim and carinated shoulder, painted with black net design, smoky red core and smoky slip. From a late level. cf. Rangpur III(A.I.18&19, Fig.51,9).
14. Fragment of a vase with out curved rim and raised neck, medium fabric, light red core, red slip. From a late level. cf. Alamgirpur (I.A. 1958-59, Fig.24,7) prototype of Ambkheri (I.A.1963-64, Fig.....,2). Dher Majra(Olaf Psufer 1952, Fig.5,28)⁴⁰.

15. Vase with outturned beaded rim, raised neck, blunt carinated shoulder and flat base, medium fabric, light red core, painted with black horizontal lines varying in thickness on the exterior over light red slip. From a mid level. K.Deva(2 d), Alamgirpur (I.A.1958-59, Fig.24,13), Rangpur IIA(A.I.18&19, Fig.18,19) and Bara.
16. Fragment of a vase with flanged rim and high neck, medium fabric, light red core, light red slip. From a mid level. cf. R.C.Gaur(o.c.p. Fig.1), Rangpur IIA(A.I.18&19, Fig, 18,14).
17. Vase with raised neck, disc base and broken rim, painted with horizontal lines and loops below, light red slip medium fabric, light red core. From a mid level.
18. Vase with flaring rim, concave neck, globular body and disc base, medium fabric and painted with black horizontal ^{line} enclosing branches over light red slip. From a late level. cf. Bara (I.A.1954-5, Pl.X), cf. design ^{at} Dher Majra (Olaf Prufer 1952, Fig.5,34).
19. Vase with globular body and flat base, medium fabric, painted with cross hatched triangle and zig zag lines between horizontal bands over light red slip. From an unstratified level. cf. Dher Majra (Olaf Prufer, 1952, Fig.5,24).

20. Vase with globular body and flat base, medium fabric, painted with black cross hatched triangle and verticle lines with bordering fronds enclosed between horizontal bands over light red slip. From a mid level. cf. Dher Majra (Olaf Prufer 1952, Fig. 5, 23).
21. Vase with blunt carinated shoulder and narrow rounded bottom, painted in black with horizontal lines intersected by a group of vertical lines over dull red surface. From a late level.
22. Fragment of a vase with beaded rim and raised neck, medium fabric, dull red core and light red slip. From an early level. cf. Dher Majra (Olaf Prufer 1952, Fig. 5, 41) and Bara.
23. Fragment of a vase with beaded rim, high concave neck, medium fabric, dull red core, pinkish slip. From a late level. cf. Rangpur IIC (A.I. 18&19, Fig. 33, 2) and Bara.
24. Fragment of a vase with long beaked rim, high concave neck, medium fabric, dull red core and dull red slip. From a late level Prototype of K. Deva (T. 2C).
25. Fragment of a vase with collared rim and flaring mouth, medium fabric, pinkish red core and pinkish red slip. From a mid level. cf. R.C. Gaur (o.c.p. Fig. 1).
26. Lota shaped vase with outturned rim, globular body, painted with black block band over light red slip, medium fabric and pinkish red core. From an early level.

27. Vase, painted with black bands enclosing a zigzag line at shoulder over dull red slip, medium fabric and pinkish red core. From an early level. cf. Alamgirpur (I.A. 1958-59, Fig.24,9).
28. Lota shaped vase, painted in black horizontal lines enclosing oblique lines over self slipped light red surface, medium fabric and light red core. From a mid level.
29. Fragment of a vase with outturned rim and ovaloid body, painted with black horizontal lines enclosing zigzag lines over light brownish surface, medium fabric and dull red core. From a mid level.
30. Fragment of a vase with outturned rim, medium fabric, pinkish red core, light red slip. From a mid level.
31. Fragment of a vase with outturned rim and globular body pinkish red core painted with horizontal bands at shoulder over light red slip. From a mid level.
32. Fragment of a vase with projected rim and ovaloid body, painted with thick black horizontal bands enclosing net design and a zigzag band in horizontal registers, medium, fabric, pinkish red core, light red slip. From an early level.

Figure - 13

33. Fragment of a vase with outturned rim and carinated shoulder, painted with horizontal bands below convergent oblique strokes in groups over pale red slip, medium

- f fabric and pale red core. From a late level.
34. Fragment of a vase with short flaring rim and with mouth, painted with black horizontal bands enclosing groups of verticles, over brownish red slip, medium fabric, dull red core. From an early level.
35. Fragment of a vase with everted rim and wide mouth, painted with black horizontal bands enclosing a zigzag line over pale red slip, medium fabric and pale red core. From a late level. Variant 35a is distinguished by an internally carinated neck and tapering shoulders. Variant 35b has thickened rim and painted in black with group of oblique strokes inbetween horizontal bands at the shoulder.
36. Fragment of a vase with everted rim, painted with black horizontal band over matt dull red surface, medium fabric greyish core. From an early level. cf. Rangpur IIB(A.I. 18&19, Fig.29,36).
37. Fragment of a vase with outgoing rim, ovaloid body, medium fabric pinkish red core, painted with a black band at shoulder over matt dull red surface. From a late level.
38. Fragment of a vase with thickened flaring rim and ovaloid body, medium fabric, pinkish red core, bright red slip. From an early level. Variant 38a is distinguished by long flaring rim and tapering shoulder.

39. Flaring rim of squatish handi with a rib at the shoulder and rusticated lower portion. Above the shoulder the handi is slipped. It is this type which is normally decorated with incised designs at the shoulder(Pl.IX^{1/2} b). The pot is used mostly for cooking.
40. Fragment of a rim with flanged rim, medium fabric, pinkish red core and chocolate slip. From an early level cf. K.Deva (T. IC), Alamgirpur (I.A.1958-59, Fig.24,18).
41. Fragment of a vase with flaring rim and high neck, medium fabric, pinkish red core and bright red slip. From a late level.
42. Vase with flanged rim, high tapering neck and ovaloid body painted in black with a black band at neck and double horizontal bands enclosing a hatched maltess square over pinkish red slip, of medium fabric and light red core. From a late level. Roughly cf. K.Deva (T.Ia);
Perianoghundai (Fairervis, Fig.39,C).⁴¹
43. Disc base of a vase, of medium fabric, light red core and treated with light red slip. From a late level.
44. Fragment of a vase with flaring rim concave neck, medium fabric, greyish core, blotchy red slip. From an unstratified level.
45. Fragment of a thin vase or flask with long flaring rim, pinkish red core and brownish slip. From a late level.
cf. Vats (Cem.H.Pl.IXI.2)⁴², Ambkheri (I.A.1963-64, Fig. 4,11).

46. Fragment of a vase with concave pedestal base a flask medium fabric, light red core and treated with light red slip. From a mid level.
47. Fragment of a vase or flask with footed base, of medium fabric, light red core and treated with light red slip. From a late level.
48. Fragment of a pointed vase or goblet, medium fabric, pale red core and light red slip. From an early level.
49. Fragment of a bowl like lid with a conical central knob, medium fabric, pinkish red core and matt red surface. From a mid level. cf. Alamgirpur (I.A.1958-59, Fig.24, 14).
50. Fragment of a bowl like lid with a flat topped central knob, medium fabric, pale red core and light red surface. From an early level.
51. Fragment of a lid with button knob, medium fabric, pale red core and light red surface. From an early level.
52. Bowl with featureless rim and saggar base, medium fabric pinkish red core and painted with black band at the rim over matt red surface. From an early level. cf. Dher Majra (Olaf Prufer 1952, Fig.5,19).
53. Bowl with incurved rim and tapering sides painted with cross hatched vertical column and fragmentary over matt red, fabric, greyish red core, From a late level.
54. Bowl with convex sides, flat topped rim, medium fabric, greyish red core and matt red surface. From a late level.

55. Cup with nail headed rim and saggar base, medium fabric, pinkish red core and matt red surface. From a mid level.
56. Bowl with blunted rim and tapering sides, medium fabric, pinkish red core and red slip, From an early level.
57. Bowl with flat topped rim and convex sides, medium fabric, pinkish red core and red slip. From an early level.
58. Bowl with everted rim, convex sides and rounded bottom, painted with a black horizontal lines at rim and two at shoulder with short strokes over them over matt red slip, medium fabric and pinkish red core, From a mid level.
59. Bowl with flaring rim and saggar base, painted on interior with black strokes over matt red slip, medium fabric, pinkish red core. From a mid level. cf. Bara.
60. Bowl with everted rim, convex sides, medium fabric, pinkish red core and matt ^{red} slip. From a late level.
61. Bowl with externally ledged rim, painted with black horizontal bands and short strokes above them, medium fabric, pinkish red core and matt red slip. From a mid level, Variant 61a has outturned rim and carinated shoulder,
62. Bowl with flaring rim and convex sides, painted with horizontal bands enclosing oblique strokes at shoulder, pinkish red core and matt red slip. From a late level.
Prototype of Ambkheri (I.A.1963-64, Fig. 1/4, 12).

63. Bowl with concave exterior, flaring rim and carinated shoulder, painted with black horizontal bands but by oblique strokes, medium fabric, pinkish red core and matt red slip. From a late level. Variant 63a is distinguished by long flaring rim and unpainted surface. cf. Bara (I.A.1954-5, Pl.X).
64. Bowl with short flaring rim and sharp carinated shoulder, of medium fabric, light red core and dull red slip. From a late level.
65. Bowl with everted rim, carinated shoulder and painted with black block band at shoulder over dull red matt surface having concentric are design as a reserved slip motif medium fabric, light red core. From a late level. cf. Rangpur III(A.I. 18&19, Fig.38,33b).
66. Bowl with out-curved rim and sharp carinated shoulder, painted with a black block band at rim and a band at shoulder enclosing zigzag band over matt red slip, of medium fabric and pinkish red core. From a mid level.
67. Bowl with everted rim, sharply carinated shoulder and tapering lower portion, painted with black horizontal bands enclosing vertical strokes above shoulder over light red slip, of medium fabric, light red core. From an early level. Roughly cf. Rangpur III(A.I.18&19, Fig.38,30).

- 68. Bowl with everted rim and carinated shoulder, medium fabric, light red core and matt red surface. From a late level.
- 69. Bowl with hooked rim, carinated shoulder, medium fabric light red core and dull red slip. From a Late level.
- 70. Bowl with everted rim and tapering sides, medium fabric, light red core, brownish red slip. From mid levels.
- 71. Bowl with outturned beaked rim, medium fabric, light red core, painted with black horizontal bands at the shoulder over light red slip. From a late level.
- 72. Bowl with outturned beaded rim, carinated near base, medium fabric, light red core, light red surface. From a late level.
- 73. Bowl with beaded rim and disc base, medium fabric, light red core and self slipped. From a late level.cf. Bara.

Figure - 14

- 74. Basin with hooked rim and carinated shoulder, medium fabric, pinkish red core, light red slip. From an early level. cf. K. Deva(2.25) and Bara.
- 75. Basin with hooked rim, carinated shoulder and tapering lower surface painted with black horizontal bands enclosing a zigzag line over pinkish red slip above shoulder. From an early level. cf. Rangpur III(A.I.18&19, Fig.43,100).

76. Platter with flaring rim and flat base, medium fabric, greyish core and dull red slip. From a mid level. cf. Nindowari (P.A.No,3-1966,Pl.XII)⁴³.
77. Basin cum bowl with blunted rim and tapering sides, medium fabric, pinkish red core and painted with black parallel bands on the interior over pale or pinkish matt red slip. From a mid level.
78. Basin cum bowl with flaring undercut rim, tapering sides, painted with black strokes over horizontal bands at the shoulder, medium fabric, greyish core, pale or pinkish matt red slip. From a mid level. Prototype of Ambkheri (I.A.1963-64, Fig.14,13), Dher Majra(Olaf Prufer 1952, Fig.5, 4).
79. Basin with outturned rim carinated shoulder and tapering sides, painted with black strokes over horizontal bands above shoulder over blotchy red slip. From a late level. cf. K. Deva(T.20).
80. Dish with thick short projected rim and carinated shoulder, pinkish red core, matt red surface. From a mid level.
81. Dish with blunted projected rim and carinated shoulder, medium fabric, light red core and dull red surface. From a late level.cf. K.Deva(T.20a).
82. Dish with hooked rim and carinated shoulder, medium fabric, greyish core and matt red slip. From a mid level. cf. Rangpur III(A.I. 18&19, Fig.38,40).

83. Dish with hooked rim, medium fabric, dull red core, matt red slip. From a mid level.
84. Dish with expanded rim and carinated shoulder. Medium fabric, light red core and matt red slip. From a mid level. cf. Bara.
85. Dish with hooked rim and carinated shoulder, light red core, matt red slip. From a mid level.
86. Dish as stand with blunted projected rim, pinkish red core and pinkish red slip. From a late level. K.Deva (T.22), Ambkheri, a deeper variety(I.A.1963-64, Fig. 14, 19) and Bara. Variant 86a is deeper and has less prominent rim. cf. Bara.
87. Dish with clubbed rim, medium fabric, pinkish red core and pinkish red slip. From an early level.
88. Bowl on stand, painted with fragmentary design on interior of rim and horizontal bands on exterior over red slip medium fabric and pinkish red core. From an early level. cf. Alamgirpur (I.A.1958-59, Fig. 24, 24).
89. Dish on stand with projected rim, medium fabric, pinkish red core and red slip. From an early level.
90. Dish on stand with projected rim and carinated shoulder, pinkish red core, slip worn out. From an unstratified level. K.Deva(T.7b), Alamgirpur (I.A.1958-59, Fig. 24, 6) Dher Majra (Olaf Prufer 1952, Fig. 5, 48).

91. Deep dish on stand with projected rim, carinated shoulder and ribbed stem, medium fabric, pinkish red core and worn out slip. From an unstratified level. cf. Vats (Cem. H., Pl. LX.22).
92. Dish on stand with prominent rib at base, medium coarse fabric, pinkish red core, brownish red slip, From an unstratified level. cf. Bara.

Figure - 15

93. Dish on stand with short downturned rim, medium fabric light red core and red slip. cf. M.D. (Pl. LXXIX.10)⁴⁴, Machay (Ch. D. XXV.5)⁴⁵, K. Deva (T. 9C), Alamgirpur (I.A. 1958-59, Fig. 24-3) Ambkheri (I.A. 1963-64, Fig. ,15).
94. Dish on stand with short projected rim decorated with incised flowing lines at the rim medium fabric, dull, red core and dull red surface. From a late level. cf. K. Deva T. 7a and Bara.
95. Dish on stand with short drooping rim, painted with black horizontal bands enclosing zigzag band over pinkish red slip, medium fabric, pinkish red core. From unstratified levels. cf. Bara.
96. Dish on stand with thick clubbed rim and painted in black with hatched fish or leaf designs inbetween horizontal lines over plain red slip medium fabric, pinkish red core, plum red slip. From an unstratified level. Variant 96a is distinguished by projected rim.

97. Dish on stand with drooping rim and painted with horizontal black bands on rim enclosing loops filled with flowing lines over red slip of medium fabric, pinkish red core. From unstratified levels. K.Deva(T.8 & T.8a), Alamgirpur (I.A.1958-59, Fig.24,2) and Bara.
98. Tall stand of dish, medium fabric, pale red core, pale red slip. From an early level.
99. Stem of dish on stand with expanded base, medium fabric light red core, light red slip. From an early level. cf. Machay(Ch. D. Pl.XXV.27).
100. Stem of dish on stand with recurved base, medium fabric, dull red core, dull red surface. From a mid level. cf. M.D.(Pl. IXXIX, 18.
101. Ribbed stem of dish on stand of medium fabric, pale red core, light red slip. From a late level. cf. Dher Majra (Olaf Prufer 1952, Fig.5,22) and Bara.
102. Broad squat dish on stand with recurved base, of medium fabric, dull red core and dull red slip. From a mid level. cf. K.Deva(T.C) and Bara.
103. Broad dish on stand, medium fabric, red core and painted with black concentric circles superimposed by radiating lines at the top and a horizontal band on sides over pinkish red slip. From an unstratified level.

104. Broad squat stem of dish on stand, of medium fabric, pinkish red core, dull red slip and painted with black horizontal bands enclosing zigzag bands on the exterior. From an unstratified level. cf. K. Deva (T.E) and Bara.
105. Fragment of a vase with projected rim, medium fabric, greyish core, buff slip. From mid levels.
106. Dish with thick projected rim and carinated shoulder, medium fabric, pale red core, buff slip or wash. From an unstratified level.
107. Vase with short everted rim, of medium fabric, grey core, matt grey surface. From an early level.
108. loops handle of a vase, of medium coarse fabric, greyish core, treated with pinkish wash, hand made. From an early level.

Plate VIIa

1. Fragment of a vase of medium thick red ware, painted in black horizontal bands enclosing a cross hatched hide design, a chevron enclosed by oblique lines on either side in turn flanked by loops with dots within and a group of four ovals with dots in the middle and fronds on all the four sides in a register over buffish red slip. From a mid level. cf. Bher Majra (Olaf Prufer 1952, Fig. 5, 63).

2. Sherd of a medium thick red ware, painted with thick black loops over dull red exterior. From a late level.
3. Sherd of a medium thin red ware, painted with black horizontal lines and convex sided cross hatched triangles and plants above over red slip. From an unstratified level. cf. Rangpur IIC (A.I.18&19, Fig.33,10), Dher Majra (Olaf Prufer 1952, Fig.5,76).
4. Sherd of a medium thick red ware, painted with black horizontal band oblique ladder like designs converging at base over pale red surface. From a mid level. cf. Lothal (I.A. 1956-7, Pl.XIIIA, 11).
5. Sherd of a medium thin red ware, painted with black horizontal bands and a group of vertical lines enclosed by fronded loops above, over light red slip. From a mid level. cf. Rangpur IIC (A.I.18&19, Fig.33,14a), Rangghunda III(c) (Fairervis (Jr.) 1959, Vol.47 Pt.2, Fig.,15,41), and Sur Jangal (Fairervis Jr. (1959), P.393, No.83).⁴⁶
6. Sherd of a medium thin red ware, painted in black with cross hatched vertical designs over red slip. From a mid level.
7. Sherd of a thin red ware, painted in black with horizontal band and thin lines and hatched triangles divided by drawing diagonal in the rough parallelogrames over red slip. From a mid level.

8. Sherd of a thick red ware, painted with vertical lines having short strokes on either side above a horizontal band over dull red slip. From a late level.
9. Sherd of a medium thin red ware, painted in black with horizontal bands enclosing wavy line and cross hatched inverted triangles, the blank space being stippled over matt red surface from an early level.
10. Sherd of a thin buff slipped ware, painted in chocolate with horizontal bands enclosing an oval motif with fronds resembling the eye lash design.
11. Sherd of a medium thick red ware painted with thick black bands enclosing a circle with stippled inside over dull smoky red surface. From a late level.
12. Sherd of a medium thin red ware, painted with an insect like design in black resembling the maize bhutta over matt red surface. From an unstratified level.
13. Sherd of a thin red ware, painted in black with a honey comb design, formed by overlapping stippled loops, inbetween horizontal lines over light red slip. From a mid level.
14. Sherd of a medium thick red ware painted in black with horizontal bands and a fragmentary design consisting of oblique strokes and dotted circlets in a rows over red surface. From an unstratified level.

Plate VIIb

1. Sherd of a thin red ware, painted in black horizontal bands enclosing branches over light red matt surface. From a late level.
2. Sherd of a medium thin red ware, painted in black with horizontal lines enclosing a branch with leaves over light red matt surface. From a late level. cf. Dher Majra (Olaf Prufer 1952, Fig.5,71).
3. Sherd of a medium thin red ware, painted with a plant of thick tapering stem and branches above a horizontal band over red slip. From an early level.
4. Sherd of a medium thin red ware, painted in black horizontal line with a branch above, over buffish slip. From a late level. cf. Rangpur IIb (A.I.18&19, Fig.29, 27a).
5. Sherd of a medium thin red ware painted in black with horizontal bands enclosing branches over light red wash. From a late level.
6. Sherd of a medium thick red ware, painted in black horizontal lines and branches below, over dull red matt surface. From a mid level.
7. Sherd of a medium thick red ware, painted in black with a chain like motif having stippled interior, enclosed by horizontal bands over light red matt surface. From an early level. cf. Dher Majra (Olaf Prufer 1952, Fig.5, 88).

8. Sherd of a thin red ware, painted with black ovals slipped inside below a horizontal band over red slip. From an unstratified level.
9. Sherd of a medium thick buff slipped ware painted in chocolate with horizontal lines and a flower with stalk below over buffish slip. From an unstratified level.
10. Sherd of a medium thick red ware, painted in black with a plant with flower and hatched leaves, over light red slip. From an early level.
11. Sherd of a medium thin red ware, painted with black horizontal line and a flower below over light red slip. From a late level.
12. Sherd of a medium thick red ware painted in black horizontal bands and hatched leaves below over smoky red slip. From a late level.
13. Sherd of a medium thin red ware, painted with black horizontal bands and hatched leaves above, over dull red wash. From a mid level.
14. Sherd of a medium thick buff slipped ware, painted with chocolate hatched leaf motif over greenish buff slip. From an unstratified level.
15. Sherd of a medium thin red ware, painted in black with hatched chains over buffish red surface. From an early level.

16. Sherd of a thin red ware, painted in black with hatched bipinnate leaves above horizontal bands. From an early level. cf. Bara (I.A.1954-5, Pl.XI A).
17. Sherd of a medium thick red ware painted in black with hatched leaves below a horizontal band over dull red surface. From an unstratified level.
18. Sherd of a medium thick red ware painted in black with horizontal bands and hatched leaves below over light red self slipped surface. From an unstratified level. cf. Rangpur IIA(A.I.18&19, Fig.26) A 23), Bara (I.A. 1954-5, Pl. XIA).

Plate VIIIa

1. Sherd of a medium thin red ware, painted in black horizontal bands enclosing hatched row of diamonds over dull red slip. From a late level cf. Bara (I.A.1954-5, Pl.XI A).
2. Sherd of a thick red ware, painted in black horizontal bands enclosing cross hatched large diamonds in a row over dull red slip. From a late level. cf. Amri⁴⁷ (P.A.No.1 (1964), Fig.8F, P.61).
3. Sherd of a medium thick red ware, painted with pinkish obliquely hatched horizontal lines above and simple bands below enclosing cross hatched triangles or mountain motif and branches of trees, over pale red slip. From an unstratified level. cf. Lothal (I.A.

1955-6, Pl.VIII), Bara (I.A.1954-55, Pl.XIA), Rupar (I.A. 1953-4, Pl. IVA).

4. Sherd of a thin red ware, painted in black with horizontal lines enclosing diamonds with dots inbetween over red slip. From an unstratified level.
5. Sherd of a medium thin buff slipped ware, painted with chocolate horizontal bands and cross hatched inverted triangles below. From a late level. cf. Rupar (I.A. 1953-4, Pl.IVA), Dher Majra (Olaf Prufer 1952, Fig. 5, 85).
6. Sherd of a medium thick red ware, painted with black horizontal bands enclosing ladders converging at top and enclosing below cross hatched triangles over light red slip. From a late level. cf. Rangpur III(A.I.18&19, Fig.46, D 11).
7. Sherd of a medium thin red ware, painted with black horizontal bands enclosing interesting lines over light red slip. From a mid level.
8. Sherd of a medium thin buffish red ware, painted in black horizontal bands perhaps enclosing hatched opposed triangles meeting at apex over buffish red slip. From a late level.
9. Sherd of a thick red ware, painted in black horizontal lines enclosing cross hatched opposed triangles formed by intersecting diagonals of rectangles over buffish

red slip. From a mid level. cf. Rangpur III(A.I.18&19, Fig.37,16a), Lothal (I.A.1956-7, Pl. XIII B).

Plate VIII

1. Sherd of a medium thick red ware, painted in black horizontal bands and roundles over light red slip. From a late level.
2. Sherd of a medium thick red ware, painted with a black horizontal band with elongated dots below over light red slip. From an unstratified level.
3. Sherd of a medium thin red ware, painted with black horizontal bands enclosing elongated dots over red slip. From a mid level. cf. Rangpur IIC(A.I.18&19, Fig.33, 10a), Dher Majra (Olaf Prufer 1952, Fig.5,81).
4. Sherd of a medium thick dull red ware, painted in black with horizontal band at the top and a ladder design on profile over dull red slip. From a late level.
5. Sherd of a thin red ware painted in chocolate with vertical lines hatched laterally over buffish red matt. surface. From an early level.
6. Sherd of a medium thin red ware painted in black with cross hatched vertical bands below a horizontal band over matt dull red surface. From an unstratified level.
7. Sherd of a medium thin bowl of red ware, painted in black with a net design over dull red matt surface. From a mid level. cf. Rangpur IIC (A.I.18&19, Fig.34,

28a), Lothal (I.A.1955-6, Pl.VIII).

8. Sherd of a medium thin red ware, painted in black with horizontal bands at the rim and shoulder enclosing net design with ovaloid blanks filled with roundles over dull red matt surface. From an early level.
9. Sherd of a medium thin red ware, painted with black horizontal bands enclosing loops with intermediary upper spaces hatched over dull red slip. From a late level.
10. Sherd of medium thin red ware painted in black with horizontal bands enclosing concentric loops divided into panels by vertical strokes over red slip. From a mid level. cf. Dher Majra (Olaf Prufer 1952, Fig. 5, 83).
11. Sherd of medium thin buff slipped ware, painted with black horizontal bands enclosing hatched semi-circles over buff slip. From a mid level.
12. Sherd of medium thick red ware, painted with black horizontal bands enclosing cross hatched rough triangles over matt red surface. From an early level.
13. Sherd of medium thin red ware, painted with black block band with concentric loops forming reserved slip design. From an early level. cf. Rangpur IIA (A.I.18&19, Fig 26, A 27).

14. Sherd of medium thin red ware painted with black horizontal band at the rim, scratched by concentric loops producing reserved slip design. From an early level.
15. Sherd of medium thick red ware painted with black horizontal bands and a black band in the middle, scratched with flowing wavy lines in the reserved slip manner. From an early level.

Plate Xa

1. Sherd of a medium thick buff slipped ware, painted with black horizontal lines enclosing oblique strokes. From a mid level.
2. Sherd of a medium thick red ware, painted with irregular black horizontal bands enclosing vertical strokes over red slip. From a mid level.
3. Sherd of a thin buff slipped ware, painted with chocolate horizontal lines intersected in groups by vertical lines over buff slip. From a late level.
4. Sherd of a medium thin red ware, painted with horizontal bands enclosing groups of converging oblique strokes over red slip. From a late level.
5. Sherd of a medium thick red ware, painted with black horizontal bands enclosing converging groups of oblique strokes over light red self slipped surface. From a mid level. cf. Rangpur IIIa(A.I.18&19, Fig. 46, D11).

6. Sherd of a vase of medium thickness, painted with black horizontal bands of varying thickness, the thicker ones enclosing converging oblique strokes and circles, each with four dots, over red slip. From a late level.
7. Sherd of a medium thick buff slipped ware, painted with chocolate horizontal bands enclosing oblique strokes of varying thickness over buff slip. From a mid level.
8. Sherd of a thick red ware, painted with black horizontal bands enclosing verticals and zigzag lines in separate registers over pinkish red slip. From a late level.
cf. Rangpur III(A.I.18&19, Fig.46, D18).
9. Sherd of a medium thin red ware, painted with black horizontal bands enclosing a zigzag line and oblique strokes in separate registers over red slip. From an early level.
10. Sherd of a medium thin pinkish red ware, painted with black horizontal bands and a thin zigzag line below over buffish red slip. From a mid level.
11. Sherd of a medium thick red ware, painted with black horizontal bands enclosing concentric arcs and a wavy line over matt red surface. From a mid level.
12. Sherd of a medium thin red ware painted in black with horizontal bands enclosing loops. From a mid level.

13. Sherd of a medium thin red ware, painted in black with horizontal bands enclosing zigzag lines over red. From a late level. cf. Rangpur III (A.I.18&19, Fig.46, -D13).
14. Sherd of a thick buff slipped red ware, painted in chocolate with horizontal bands enclosing loops over buff slip. From a mid level.
15. Sherds of medium thin red ware painted in black horizontal band and group of flowing vertical lines above over red slip. From an early level. cf. Rangpur IIC (A.I.18&19, Fig.36 CI), Bara (I.A.1954-5, Pl.XIA).

Plate IXb

1. Medium thick red ware sherd, decorated with incised horizontal lines intersected by oblique lines below the rib and lashes on the rim, From a late level. cf. Bara (I.A.1954-5, Pl.XIB).
2. Medium thin red ware sherd, decorated with sharp ridged horizontal grooves intersected by vertical lines. From a late level. cf. Bara (I.A.1954-5, Pl.XIB).
3. Medium thick red ware sherd, decorated with shallow and wide horizontal grooves. From a late level.
4. Medium thick red ware sherd, decorated with incised horizontal lines intersected by oblique lines in groups of six suggesting a basketery design over a raised applied band. From a late level. cf. Bara (I.A.1954-5, Pl. XIB).

5. Medium thick red ware, decorated with oblique converging groups of strokes incised below a rim. From an unstratified level.
6. Medium thick red ware, decorated with flowing incised lines over rusticated surface. From a mid level.
7. Medium thick red ware sherd, decorated with shallow horizontal grooves enclosing flowing vertical lines in between.
8. Thick red ware sherd, decorated with incised chevron design over parallel raised bands. From a mid level.
9. Red ware sherd of medium thickness, decorated with shallow flowing rooves over horizontal grooves intersected by vertical or oblique ones. From an early level.
10. Sherd of thick red ware, decorated with oblique slashes over a raised ridge at the shoulder. From a late level.
11. Sherd of a medium thickness, decorated with incised horizontal grooves superimposed by intersecting oblique lines. From a late level.
12. Sherd of a medium thickness of red ware decorated with grooved horizontal lines enclosing flowing lines in groups of three. From an unstratified level. cf. Rangpur IIB(A.I.12&19, Fig.32,B.15), Bara (I.A.1954-5, Pl.XIB).
13. Thick sherd of red ware, decorated with flowing grooves caused by fingers producing ridges over rusticated surface. From a late level.

14. Medium thick sherd of a red ware, decorated with parallel finger marks creating mild ridges over rusticated surface. From a mid level.
15. Sherd of thick red ware decorated with cord design. From a late level.

Plate *not illustrated*

1. Coarse red ware sherd, hand made, showing the impression of a coarse cloth on the interior. From an early level.
2. Coarse grey ware sherd, hand made having deeply incised intersecting grooves on the interior recalling Fabric D troughs of Late Siswal Ware. From an early level.

C. The Daulatpur Pottery (Fig. 16-18; Pl. Xa - XI)

The pottery of Daulatpur Period I (Figs. 16-18 and Pls. Xa and XI) is characterised by Mitathal IIb Ware ^{or} Bera Ware comprising the red ware and a few sherds of grey ware. The two wares are identical in fabric, potting and typology. The pottery is on the whole ^{very} sturdy, made of medium fabric and well levigated clay and burnt mostly to uniform core. The red ware is treated with a light red slip varying in shades from dull red to almond colour. A few of the sherds are treated with a bright red, chocolate, or crimson colour. Some of the pots are also self slipped. The grey ware bears only incised decoration.

The pottery chiefly comprises the Harappan or its derivative ware and the derivative of the Late Siswal Ware, both occurring together as at Mitathal in the corresponding phase. Of the classical Harappan shapes, so well known to us from the Indus and the lower Sarasvati Valleys, only a few survive mostly in the lowest levels of Daulatpur I, others being either modified or having fallen out of use. They include (Figs. 16-18) large storage jars with projected rim, wide mouth and straight sides (Type 1) and with beaded rim (Type 6); storage jar with narrow mouth, recurved rim and globular body (Type 5); handi type vase with ribbed shoulder (Type 19); vase with raised neck, globular body and disc base (22); dish on stand with projected rim and carinated shoulder (Type 58) and with short tapering or drooping rim (Types 61-63) and pointed base of vase (Type 43). The Harappan derivatives include storage jars with straight sides and thick triangular rim (Types 3 and 4); with narrow mouth globular body (Type 7) and with collared rim and narrow mouth (Types 8 and 9); vases with beaded rim and high concave neck (Type 23-26), oblique cut rim (Type 40) and long beaked rim (Type 41); dishes on stand with drooping rims (types 66, 67 and 91), nail head rim (Type 72 and 73), deep dish with hooked rim and squatish stand (Type 85); broad sturdy stem of dish on stand (Type 87) and tall stem with a flange ^{of} dish on stand (type 86). The evolved Siswal Types consist of vases with flaring rim (Types 20 and 21) and with flanged rim (Type 32); jar with out-turned rim and globular body (Type 33); loop handle of vase (Type 44); bowl with short projected rim (Types 47, 48) and with everted

rim and carinated shoulder (Type 54); basin (type 56) ; basin or dish (type 60); deep dish with projected rim (type 72); deep dish with hooked rim (type 85) and squat stem (type 90). A few of the pottery types recall Cemetery II shapes such as dish on stand (types 59, 80 and 82) storage jar with collared rim (types 8 and 9) and thin flask (types 28 and 29).⁴⁸

The painting on the pottery (Pl. ~~XIIa~~ and ~~b~~) is executed in black over red background with linear, geometric and naturalistic motifs. The most common painting includes horizontal bands sometimes enclosing zigzag lines, generally painted at the shoulder of the jars. The other designs include fish; peacock; kite; branch and leaves; cross hatched horizontal lines, triangles and convergent lines; thick double loops; oblique strokes in groups; the block bands and cross hatched arcading design. The last two of the designs indicate inspiration from Late Siswal Ware, while others are of Harappan derivation.

The incised decoration (Pl. ~~XIIb~~) is found on both exterior and interior of the sherds. The most commonly decorated vessel on the exterior is the carinated handi with a rib at the shoulder and rusticated lower portion (Fig. 16, 19).⁴⁹ The main incised designs on the exterior include cross hatched horizontal lines, horizontal lines superimposed by zigzag or flowing lines, ridged design created over rusticated bottom of handis and the cord design. The pots decorated on the interior include troughs recalling Kalibangan Fabric D.⁵⁰ The decoration comprises flowing lines and intersecting groups of lines.

Figure 16

1. Fragment of a large storage jar with thick projected rim and vertical sides. It is of medium fabric, burnt to red core and treated with light red slip⁵¹. From an early level of Period I.
2. Fragment of a jar with flanged rim and convex sides. It is of medium fabric, burnt to red core and treated with light red slip. From a late level of Period I.
3. Fragment of a large storage jar with thickened rim and vertical sides. It is of medium fabric burnt to red core and painted with thick black horizontal bands at the rim and below over purple red slip. From a late level of Period I.
4. Fragment of a storage jar with triangular shaped rim and convex sides. It is of medium fabric, burnt to red core and painted with black horizontal bands at the neck and sides over dull red surface. It is also decorated with cord impression below the rim. From an early level of Period I.
5. Fragment of a large storage jar with narrow mouth externally recurved rim sitting at the shoulder and a globular body. It is of medium fabric, burnt to red core and painted with broad black bands over light red slip. From an early level of Period I.
6. Fragment of a large storage jar with externally thickened rim. It is of medium fabric, fired to a red core and painted with black band at the rim over purple red slip. From an early level of Period I. cf. Bara (I.A., 1954-5, Pl. X).

7. Fragment of a large storage jar with sub-rectangular externally thickened rim, narrow mouth and tapering sides. It is of medium fabric, fully oxidized core and painted with black horizontal lines enclosing zigzag lines at the shoulder over light red slip. From a late level of Period I.
8. Fragment of a storage jar with externally collared rim, sitting at the shoulder. It is of medium fabric, fully oxidized core and treated with light red slip. From a late level of Period I.
9. Fragment of a storage jar with externally collared rim sitting at the shoulder. It is of medium fabric, fully oxidized core and painted with a broad black band at the rim over dark red slip. From a late level of Period I. cf. Bara (I.A.1954-55, Pl.X). Variant 9a is distinguished by an externally chamfered rim and absence of painting. From a late level of Period I.
10. Fragment of a jar with narrow mouth externally thickened rim and slightly raised neck. It is of medium fabric oxidized core and painted with black black band at the rim and shoulder. From a late level of Period I.
11. Fragment of a jar with externally grooved collared rim sitting at the shoulder and tapering sides. It is of medium fabric, oxidized core and treated with light brown slip. From a late level of Period I.

12. Fragment of a jar with externally collared rim sitting at the shoulder and expanding sides. It is of medium fabric, oxidized core and treated with light red slip. From a mid level of Period I.
13. Fragment of a jar with short projected rim and tapering sides. It is of medium fabric oxidized core and treated with light brown slip. From ^amid level of Period I.
14. Fragment of vase with outcurved rim and tapering sides. It is of medium fabric oxidized core and treated with a light red slip. From a late level of Period I.
15. Fragment of a vase with outcurved rim and a raised concave neck. It is of medium fabric oxidized core and treated with a light red slip. From a late level of Period I.
16. Fragment of a vase with flaring outturned rim and flaring mouth. It is of medium fabric, oxidized core and treated with light red slip. From a late level of Period I.
17. Fragment of a vase with everted rim and high neck. It is of medium fabric, oxidized core and treated ^{light red slip, From a} with late level of Period I.
18. Fragment of a handi with out-curved rim narrow neck and expanding shoulder. It is of medium fabric, oxidized core and treated with a dark red slip. From a lower $\frac{1}{2}$ level of Period I.
19. Fragment of a handi with outcurved rim, narrow neck ribbed shoulder. It is of medium fabric, oxidized core and

treated with a light red slip. The lower rusticated portion is broken. The shoulder below the rib is decorated with incised horizontal grooves. From a mid level of Period I.

20. Fragment of a vase with out-curved rim and globular body. It is of medium fabric, oxidized core and painted with black black band over matt surface above shoulder. From an unstratified level.

21. Fragment of a vase with short flaring rim, ledged neck and globular body. It is of medium fabric oxidized core and worn out surface. From a late level of Period I.

Figure 17

22. Vase with raised neck globular body and disc base *and* rim broken. It is of medium fabric, oxidized core and painted with broad black bands over smooth light red slip at the neck and body. From an early level of Period I. cf. Mitathal IIB (Fig.14,15), Bara (I.A.1954-5, Pl.X) and Alamgirpur(I.A.1958-9, Fig.24,13).

23. Fragment of a vase with outturned flaring rim. It is of medium fabric oxidized core and painted with black black band at the rim and neck over light red slip from a mid level of Period I.

24. Fragment of a vase with flaring rim thickened at end and high concave neck. It is of medium fabric oxidized core and treated with a light red slip. From a late level of Period I.

25. Fragment of a vase with flaring externally thickened rim and high concave neck. It is of medium fabric, oxidized core, and painted with black band at the rim and neck and thin horizontal lines below over light red slip. From a late level of Period I.

26. Fragment of a vase with beaded rim and raised neck. It is of medium fabric oxidized core and painted with black horizontal bands at the rim, neck and shoulder over light red slip. From an early level of Period I.

27. Fragment of a vase with an outturned rim and raised neck. It is of medium fabric oxidized core and painted with black horizontal bands enclosing lattice design at the neck over red slip. From an early level of Period I.

28. Fragment of a thin vase with flaring rim. It is of medium fabric and treated with red slip. From a late level of Period I.

29. Base fragment of a vase with disc-base. It is of medium fabric, thin section and treated with dark red slip. From a late level of Period I. cf. Ambkheri(I.A.1963-4, Fig. 4, 11).

30. Fragment of a vase with beaded rim and short raised neck. It is of medium fabric, oxidized core and painted with black band at the rim over self-slipped surface. From a mid level of Period I.

31. Fragment of a vase with beaded rim and raised neck. It is of medium fabric oxidized core and painted with black band at the rim over brownish red slip. From a mid level of Period I.
32. Fragment of a vase with out-turned projected rim and raised neck. It is of medium fabric oxidized core and painted with black bands at the rim and shoulder over light red slip. From an early level of Period I. cf. Mit:thal IIb (Fig. 14, 16).
33. Fragment of a coarsely made jar with externally levelled or grooved rim, raised neck, and expanding shoulder. It is medium fabric, oxidized core and painted with black horizontal bands at the shoulder over light red wash. From an early level of Period I.
34. Fragment of a medium sized vase with outturned rim and tapering shoulder. It is of medium fabric, oxidized core and painted with black horizontal bands at the neck and shoulder over brownish red slip. From a mid level of Period I.
35. Fragment of a vase with beaded rim and raised neck. It is of medium fabric oxidized core and treated with red slip. From a late level of Period I.
36. Fragment of a vase with a beaked rim and expanding shoulder. It is of medium fabric, oxidized core and painted with black horizontal lines enclosing a zigzag line at the shoulder and a band at the rim. From an early level of Period I.

37. Fragment of a vase with beaded rim. It is of a medium fabric, oxidized core and treated with a light red slip. From a late level of Period I. cf. Mitathal IIb (Fig.14,22).
38. Fragment of a vase with beaded rim and high neck. It is of medium fabric oxidized core and painted with a black band at the rim and neck over red slip. From a mid level of Period I. cf. o.c.p. (Krisna Deva, Type 2). cf. Mitathal IIb (Fig.14,23).
39. Fragment of a vase with beaded rim^{and} raised concave neck. It is of medium fabric, oxidized core and painted with black bands at the rim and neck over red slip. From a mid level of Period I. cf. o.c.p. (Krisna Deva, Type 2 c).
40. Fragment of a vase with flaring externally collared rim and high concave neck. It is of medium fabric, oxidized core and painted with black horizontal lines at the rim and neck. From^{mid} mid level of Period I. cf. o.c.p. (Krisna Deva, Type 2c).
41. Fragment of a vase with flaring beaded rim and high concave neck. It is of medium fabric, oxidized core and painted with a black band at the neck over light red slip. From a late level of Period I. cf. o.c.p. (Krisna Deva, Type 2f); cf. Mitathal IIb (Fig.14,24).
42. A miniature vase with out-turned rim and disc base. It is of medium fabric, oxidized core and unslipped red surface. From a mid level of Period I.
43. Fragment of a vase with pointed base medium fabric, oxidized core and treated with red slip. From a mid level of Period I.

44. Loop handle of a vase with rounded section. It is of medium fabric, oxidized core and treated with a light red wash. From ^{an} early level of Period I.
45. Handle of a small cup or vase, rounded in section. It is of medium fabric, oxidized core and treated with a dark red slip. From an early level of Period I.
46. A small cup with incurved rim and disc base. It is of medium fabric, oxidized core and devoid of any surface treatment. From an early level of Period I.
47. Fragment of a small dish or lid with an everted rim and tapering sides. It is of medium fabric, oxidized core and devoid of any surface treatment. From a ^{mid} level of Period I.
48. Fragment of a dish or lid with a projected rim and tapering sides. It is of medium size, oxidized core and devoid of any surface treatment. From a mid level of Period I.
49. Fragment of a dish with externally projected and thickened rim. It is of medium fabric, oxidized core and treated with light red slip. From a mid level of Period I.
50. Fragment of a bowl with an externally projected thickened rim and blunt carinated shoulder. It is of a medium size, oxidized core and treated with a deep red slip. From an early level of Period I.
51. Fragment of a bowl with flaring rim and blunt carinated shoulder. It is of medium fabric, oxidized core and painted in black with oblique strokes on the interior of the rim over

light red slip. From a late level of Period I. cf. Mitathal IIb (Fig.13,59).

52. Fragment of a bowl with externally projected thickened rim, It is of medium fabric, oxidized core and devoid of any surface treatment. From a mid level of Period I.

53. Fragment of a bowl with short projected rim and carinated shoulder. It is of medium size, oxidized core and treated with red slip. From an early level of Period I.

54. Fragment of bowl with everted rim and blunt carinated shoulder. It is of medium fabric oxidized core and treated with light red slip. From a mid level of Period I.

55. Fragment of bowl with beaked rim and blunt carinated shoulder. It is of medium fabric, oxidized core and treated with light red slip. From a mid level of Period I.

56. Fragment of bowl with projected rim and carinated shoulder. It is of medium fabric, oxidized core and painted in black with horizontal lines intersected by oblique lines at the shoulder and a rim band over dull red surface. From an early level of Period I. cf. Mitathal IIb(Fig-15,71).

57. Fragment of a shallow dish with thickened projected rim. It is of medium fabric oxidized core and treated with a dull red slip. From a mid level of Period I.

58. Fragment of dish on stand with projected rim and carinated shoulder. It is of medium fabric oxidized core and treated with red slip. From a late level of Period I. cf. o.c.p.(Krisna Deva Type 7).

59. Fragment of a dish with flaring rim and sharp carinated shoulder. It is of medium fabric oxidized core and treated with dull-red slip. From a mid level of Period I. cf. Mitathal IIb (Fig. 14, 92).

60. Fragment of a deep dish or basin with short projected rim and carinated shoulder. It is of medium fabric, oxidized core and treated with red surface. From an unstratified ^{level of} ~~level~~ Period I. cf. ~~Mitathal IIb (Fig. 14, 60).~~

61. Fragment of a dish on stand with oblique projecting rim. It is of medium fabric, oxidized core and painted in black with horizontal lines enclosing branches over red slip on the rim. From an early level of Period I.

62. Fragment of a dish on stand with short projected rim. It is of medium fabric oxidized core and painted in black with converging oblique strokes over red slip. From a mid level of Period I.

63. Fragment of a dish on stand with oblique projected rim. It is of medium fabric, oxidized core and painted in black with parallel lines intersected by oblique lines at the rim over red slip. From an early level of Period I. cf. Mitathal IIb (Fig. 15, 94).

64. Fragment of a dish on stand with the oblique projected rim. It is of medium fabric oxidized core and treated with a light red slip. From an early level of Period I. cf. o.c.p. (Krisna Deva Type 7a). cf. Mitathal IIb (Fig. 15, 93) and Ambkheri (I.A.1963-4, Fig. 15).

65. Fragment of a dish on stand with thickened rim. It is of medium size oxidized core and treated with a light red slip. From a late level of Period I.
66. Fragment of a dish on stand with short drooping rim. It is of medium fabric oxidized core and treated with red slip. ~~Fragment~~ From a mid level of Period I. cf. Alamgirpur (I.A.1954-5, Fig.24,3).
67. Fragment of a dish on stand with long oblique projected rim. It is of medium fabric, oxidized core and treated with a dull-red slip. From an early level of Period I.
68. Fragment of a trough or basin with short drooping rim and tapering sides. It is of medium fabric, oxidized core and decorated with shallow incised flowing lines. The design is created by a comb-like instrument at the rim and interior. From a mid level of Period I.
- Figure 18
69. Fragment of a dish on stand with undercut projected rim and blunt carinated shoulder. It is of medium fabric, oxidized core and treated with a light red slip. From an early level of Period I. cf. o.c.p.(Krisna Deva, Type 7b).
70. Fragment of a deep dish (on stand) with clubbed rim. It is of medium fabric oxidized core and treated with a red slip. From a mid level of Period I.

71. Fragment of a dish on stand with a thick projected rim and carinated shoulder. It is of medium fabric, oxidized core and treated with light red slip. From a late level of Period I. cf. Mitathal IIb (Fig. 34, 87).
72. Fragment of a dish with expanded nail-head rim and carinated shoulder. It is of medium fabric, oxidized core and treated with a red slip. From a late level of Period I.
73. Fragment of a basin with a mid beaded rim, ~~and~~ blunt carinated shoulder and tapering sides. It is of medium fabric oxidized core and treated with a red slip. From a mid level of Period I.
74. Fragment of a basin with a beaded rim and blunt carinated shoulder. It is of medium size oxidized core and treated with a red slip. From a mid level of Period I. cf. o.c.p. (Krisna Deva, Type 12).
75. Fragment of a basin with an externally collared rim and convex sides. It is of medium fabric, oxidized core and treated with smoky red slip. From a mid level of Period I.
76. Fragment of a dish on basin with nail headed rim and blunt carinated shoulder. It is of medium fabric, oxidized core and treated with light red slip. From a mid level of Period I. cf. o.c.p. (Krisna Deva Type 24).
77. Fragment of a dish with a rim base. It is of medium fabric, oxidized core and treated with red slip. From an early level of Period I.

78. Fragment of a deep dish (on stand) with a short projected rim and blunt carinated shoulder. It is of medium fabric, oxidized core and treated with light red slip. From an early level of Period I. cf. o.c.p. (Krisna Deva, Type 20d) and Mitathal IIb (Fig. 14, 78).
79. Fragment of a dish (on stand) with a projected oblique cut rim and tapering sides. It is of medium size, oxidized core and treated with red slip. From an early level of Period I.
80. Fragment of a dish (on stand) with a projected externally thickened rim and blunt carinated shoulder. It is of medium size oxidized core and treated with light red slip. From an early level of Period I. cf. o.c.p. (Krisna Deva, Type 20c). Variant 80a is distinguished by an internally carinated rim.
81. Fragment of a dish (on stand) with a hammer headed rim and blunt carinated shoulder. It is of medium size, oxidized core and treated with light red slip. From a mid level of Period I. cf. Mitathal IIb (Fig. 14, 81).
82. Fragment of a dish (on stand) with an undercut thick projected rim and tapering lower sides. It is of medium fabric, oxidized core and treated with light red slip. From an early level of Period I. cf. Mitathal IIb (Fig. 14, 86).
83. Fragment of a dish (on stand) with ^{a projected} externally thickened rim and carinated shoulder. It is of medium fabric, oxidized core and treated with red slip. From a mid-level of Period I. Variant 83a is distinguished by a sharper carination at the shoulder and under cut rim. From a late level of Period I. cf. o.c.p. (Krisna Deva Type 23 and 22a).

84. Fragment of a dish (on stand) with undercut rim and sharp carinated shoulder. It is of medium fabric, oxidized core and treated with red slip. From a late level of Period I.

85. Fragment of Dish (on stand) with an undercut rim and blunt carinated shoulder. It is of medium size, oxidized core and treated with light red slip. From a mid level of Period I.

86. Fragment of a dish on stand with tall stem ~~carinated~~ *flanged* at top below the dish base. It is of medium fabric, oxidized core and treated with light red slip. From a late level of Period I.

cf. o.c.p.(Krisna Deva Type G). cf. Mitathal IIb(Fig.14,91).

87. Fragment of a sturdy broad stem of dish on stand. It is of medium fabric, oxidized core and painted in black with horizontal lines at the stem and concentric lines at the base of the dish over chocolate slip. From an early level of Period I. cf. Mitathal IIb(Fig.15,103).

88. Fragment of a stem of dish on stand with recurved base. It is of medium size oxidized core and treated with light red slip. From a mid level of Period I. cf. o.c.p.(Krisna Deva, Type E).

89. Fragment of a dish on stand with broad recurved base. It is of medium size oxidized core and treated with light red slip. From a late level of Period I. cf. o.c.p.(Krisna Deva Type B).

90. Fragment of a deep dish-on-stand with pedestal base. It is of medium fabric, oxidized core and treated with light red slip. From a mid level of Period I. cf. o.c.p.(Krisna Deva, Type 20f).

91. Fragment of a dish on stand in grey ware with drooping rim. It is of medium fabric, The surface is worn out. From a late level of Period I. cf. o.c.p.(Krisna Deva Type 8). cf. Mitathal IIb (Fig.14,97 in red ware). cf. Alangirpur(I.A.1958-9, Fig. 24,2 in red ware).

Plate Xd^a

1. Medium thin red ware, painted in black with horizontal lines enclosing flying kites over red slip. From a mid level of Period I. cf. Bara (I.A.1954-5, Pl. X).
2. Medium thin red ware, painted in black with the plumes of peacock over red slip. From a mid level of Period I.
3. Medium thin red ware painted in black with horizontal lines enclosing branches with leaves over red slip. From a mid level of Period I. cf. Mitathal IIb(Pl.VII B,5).
4. Medium thin dull red ware, painted in black with horizontal band and a plant-stem above over dull red surface. From a mid level of Period I.
5. Medium thin red ware, painted in black with a pair of peacocks represented by plumes in case of the former and the body without the *hind* portion in case of the second, possibly a peahen over red slip. From a mid level of Period I.

6. Medium thick red ware, painted in black with peacock head over red slip. From a mid level of Period I.
7. Thick red ware, painted in black with a branch and hatched *leaf* over dull red surface. From an early level of Period I.
8. Thin red ware, painted in black with horizontal lines and vertical rows of dotted irregular diamonds below over bright red slip. From a late level of Period I. cf. Mitathal IIb (Pl. VIIIa,4).
9. Medium thick red ware, painted in black with leaf and branch motif over red. From a mid level of Period I.
10. Medium thick red ware painted with pinkish cross hatched parallel registers enclosing cross hatched panel over pale red. From a mid level of Period I.
11. Medium thick red ware, painted in black with horizontal bands and an arcading designs with cross hatched concave triangles below having suspended verticals in blank space in between over pinkish red surface. From a mid level of Period I. cf. Mitathal IIb (Pl. VIIa,4).
12. Medium thick red ware, painted in black with horizontal bands and an arcading design having concave sided triangles concaving rows of short strokes in between over pinkish red slip. From an early level of Period I.

Plate X ~~12~~ ¹³

13. Thick red ware, painted in black with converging cross hatched ^{above horizontal lines} bands ^{and} cross hatched, ^{bars} fish ^{below} and triangles registers ~~divided by horizontal lines~~ over red slip. From an unstratified level. cf. Mitathal IIb (Pl. VIIIa,3) and Dera (I.A.1954-5, Pl. XIA).

14. Medium thick red ware, painted in black with thick loops inbetween horizontal bands over light red slip. From a mid level of Period I. cf. Bara (I.A.1954-5, Pl.X).
15. Medium thin red ware, painted in black with horizontal lines ^{enclosing} flowing ^{lines forming} net design and a wavy line in a lower register. From a late level of Period I, cf. Mitathal IIb(Pl. ~~X~~a, 13) and Bara (I.A.1954-5, Pl.X).
16. Thick red ware, painted in black horizontal lines enclosing a wavy band and a plant in different registers over light red slip. From a mid level of Period I.
17. Medium thin red ware painted in black with horizontal lines enclosing strokes in two registers over red slip. From an unstratified level.
18. Medium thick red ware, painted in black horizontal bands enclosing oblique strokes in groups and wavy zigzag lines in registers over light red slip above ^{of} rusticated and grooved portion. From an unstratified level.

Plate XI-I

19. Thin red ware, incised with horizontal lines hatched obliquely below a rib, the lower portion being rusticated. From a mid level of Period I. cf. Bara (I.A.1954-5, Pl.XIB).
20. Medium thick red ware, incised with horizontal lines hatched obliquely below a rib. From a mid level of Period I.
21. Medium thick red ware, incised with horizontal lines intersected obliquely by sharp lines below a rib. From a late level of Period I.

22. Medium thick grey ware, incised with horizontal grooves superimposed by zigzag line over a wide applied band. From a late lend of Period I.
23. Medium thick red ware, decorated with incised shallow horizontal lines superimposed by groups of zigzag lines, below a rib, the lower portion being rusticated. From a mid level of Period I. cf. Bara (I.A.1954-5, Pl.XIB).
24. Medium thick red ware, decorated with ridges over rusticated surface created with fingers. From a mid level of Period I. cf. Bara (I.A.1954-5, Pl.XIB).
25. Medium thick grey ware, decorated with incised flowing lines in a group of five and cord marks below a rib. From a mid level of Period I. cf. Bara (I.A.1954-5, Pl.XIB).
26. Medium thin almond red ware decorated with incised horizontal lines enclosing a prominent zigzag line above. From a mid level of Period I.
27. Thick red ware, decorated with incised lines in groups over lapping each other on the interior. From a mid level of Period I.
28. Base of ^a/thick trough, decorated with groups of shallow flowing lines. From an early level of Period I.

2. The Explored Pottery (Figs. 19-24)

The pottery from the explored prehistoric sites in the Sarasvati and Drisadvati Valleys in Haryana is by and large consistent with that recovered from the excavations at Siswal, Mitathal and Daulatpur but for the state of preservation, ~~of the~~ surface treatment and decoration. Since a large number of the sites are under cultivation and largely destroyed or buried within the ground due to sifting, specially in the Karnal and Ambala districts, or are under occupation, not much variety in typology was obtained. The painted designs are preserved on a limited number of sherds. Efforts have been made, however, to study the ceramic evidence from single culture sites to be sure about the typology.

The pottery from the explored sites can be broadly classified into two ceramic traditions on stylistic grounds - viz. (i) The Kalibangan (Siswal) industry and (ii) The Harappan industry. Both the groups are primarily distinguished by their characteristic fabrics and typology. The excavations at Mitathal and Siswal have already provided an evidence for the survival of the Kalibangan ware in Late Siswal and Harappan and Late Harappan contexts. In the ^{first group of the} present classification, therefore, are included not only the ceramic industry of Kalibangan I Period but also the later evolved wares, typologically derived from the former. Similarly under the Harappan group ^{is} are also included the Late Harappan pottery. Such a division would not only bring out the typological evolution of the ceramic industries more clearly but also avoid the arbitrary classification in the absence of stratigraphic evidence.

(1) The Kalibangan Ware (Figs. 19+20):

The group is characterised by all the six fabrics of the Kalibangan I ceramic industry (A to F) as well as the hand made wares.

Fabric A is distinguished by a medium to coarse gritty fabric irregularly potted on a slow wheel. It generally has a thin section and burnt to greyish or reddish core as in Siswal A. The surface is painted with thick black designs over matt red or pinkish red surface. The use of white pigment has been rarely preserved on account of the sherds being exposed to the atmosphere on the surface of the mounds. Most of the sites yielding the Kalibangan I Ware have been affected by salt peter or water logging. The common painted designs include block bands, horizontal or wavy lines painted in thick black above the shoulder. The bowls are also painted with oblique strokes. The main shapes include vases with short outturned, flaring or out curved rims and medium to wide mouth; flat ring or pedestal bases; cups with incurved or convex sides; bowls with everted or out turned rim and tapering or convex profile, handled vase and perforated vases. The narrow mouthed lota shaped vase, so popular at Kalibangan ^{is} almost conspicuous by ^{its} ~~their~~ absence.

The evolved shapes in the ware include vases with elongated flaring or out curved or flanged rims, medium sized vases with thicker section and oblique cut out turned or flaring rims, handled vase with wider strap handle, pedestal bases with recurved ends, cups with ⁱcannated shoulder, bowls with flat or grooved top

of rim and tapering sides, and basins. The vessels are generally sturdier and better potted and are less painted.

Some of the sherds bear incised horizontal or flowing lines, notches, slashes and rope marks on the exterior of the ware. A few of the sherds bear graffittee marks.

Fabric B occurs in a limited quantity and is characterised by rusticated lower surface of jars and troughs of red colour, medium to thick section and medium to coarse fabric. It is wheel thrown and better potted than the vessels of Fabric A. The rusticated surface is generally marked with tortoise shell like impressions or broad horizontal or wavy grooves produced with fingers, the latter being common in the evolved ware. In evolved types knobbed designs over the rusticated surface also occur as at Mitathal.

Fabric C is a better potted red ware. It is treated with a red slip ^{and} has better fabric. The pots include vases with raised neck, jars with sharp projected rim, dish or bowl on stands and flat and pedestal bases in the Kalibangan I Ware.

The evolved shapes are more frequently than not treated with red slip. The vessels include vases with outcurved flaring or flanged rim, bowls with flat or outgoing rim, and dish on stand.

Fabric D is distinguished by its thick and sturdy make and incised decoration on the interior. The main types include storage jar, basin and troughs. The troughs are decorated on the interior with incised designs as at Kalibangan or Siswal.

On the exterior the troughs are sometimes rusticated. The painting is generally confined to the rim of the vessels. Some of the jars and troughs bear rope marks on the exterior.

The evolved shapes include storage jars with raised necks and short projected or collared rim and troughs with short drooping or beaded rim and shallow grooves as at Mitathal and Daulatpur. It is, however, significant that Fabric D is more popular in the Sarasvati valley than farther east.

Fabrics E and F are rare perhaps on account of their surface slip being worn off. The hand made dull red vessels included handled vase dough plates and large jars. The fabric is coarse and burnt to dull red or greyish core.

11) The Harappan Ware (Figs. 21-24):

The pottery of this group is strikingly distinct from that of the Kalibangan group in fabric and typology. The mature Harappan pottery is comparatively limited in number and was mainly obtained from Rakhigarhi and Vanawali. It is made of well levigated grit free clay of medium fabric. The pots are wheel thrown and burnt to red core. They are generally plain and utilitarian. The painted designs are rare and include mostly horizontal bands and a few geometric and linear designs painted on light red slip. A few sherds from Rakhigarhi, Farmana and Vanawali bear bright red slip and are painted with Pipal leaf designs, characteristic of the mature Harappan Culture. The other decorated designs include concentric grooves or cogged designs, intersecting ring and rope designs. The main shapes

include large storage jars with flanged rim, narrow or wide mouth, perforated jar, globular vases with beaded rim raised neck and disc base, goblet, beaker, vase with a pointed base, dish with flat base, dish on stands with or without drum ~~or~~ ^{and with projected} ~~without~~ ^{or}-curved rim, and flat bases of jars. The 'S' shaped or pyriform storage jars, scored goblet and handled saucepan are rare.

The evolved pottery shows a regular evolution in typology and ^{ne}degeneration in the manufacture, treatment of surface and fabric. The clay is not so well levigated as in the classical Harappan ware. The finish of the vessels is coarse. The pottery is generally coarse and sturdier. The surface is treated with a thin light red slip. The ~~painting-in~~ Late Harappan pottery in upper Haryana specially in the Karnal and Ambala districts has been treated with a light red, rather creamy slip giving an appearance of a self slipped type as at Bara and Rupa, while the pottery in lower parts has a slip of deeper but dull red variety as at Mitathal. The painting in black is not finely executed. The main designs include linear and geometric motifs such as wavy or zigzag lines, loops, chevron, hatched leaf or trefoil, hatched triangles or diamonds etc. The incised designs include rope marks, flowing lines, oblique or hatched strokes and horizontal lines as at Bara and in Mitathal IIB. It is interesting that the incised designs are more common in the Ghaggar Valley than farther east. The main types include storage jars with thick projected, triangular shaped, collared or projected undercut rim bowl like lid with a central knob, vases with high

concave neck flanged, beaked or beaded rim, bowls with outturned or everted rim and carinated shoulder or tapering sides, dish on stand with projected rim and carinated shoulder, tall stem with or without an incipient drum and deep dish on stand with projected undercut rim, blunt carinated shoulder and low pedestal base, and sturdy dish on stand with drooping rim as in Mitathal IIB and Daulatpur I.

DESCRIPTION OF THE EXPLORED POTTERY

A. The Kalibangan Pottery (Fig. 19)

Type 1. Fragment of a vase with short out-turned rim and painted in black block band and a line below drawn horizontally on the matt red exterior. From Farmana-/, cf. Rakhi, Mitathal IIB-36.

2. Fragment of a vase with out curved rim and painted on the exterior with a black block band. From Singhwa. cf. Rakhi, Satrod Khurd, and Ratta Theh. Variant 2a is distinguished by a thickened rim and a wavy horizontal line at the shoulder on exterior. From Farmana-/,

3. Fragment of a vase with flaring rim and globular body. Painted on the exterior with a black block band and a wavy line below above the shoulder over pinkish red matt surface. From Tigrana. cf. Matersyam, Satrod Khurd³, Siswal-11.

4. Fragment of a vase with flaring rim and painted on the exterior above shoulder with black block band over matt red surface. From Baghru. cf. Manak Majra, Ratta Theh, Gheora and Ratta Khera.

5. Fragment of a vase with out turned rim and painted on the exterior with black block band at the rim and shoulder From Gheora. cf. Jhunjhari, Manoharpur, Gagsina Siswal-~~2~~, Mitathal IIB-29. Variant 5a is distinguished by the more prominently out turned rim. From Manak Majra.
6. Fragment of a vase with out curved rim and painted on the exterior with a black block band. From Tigrana. cf. Mohanpur, Dharmaheri and Burj. Variant 6a is distinguished by concave neck and narrow mouth. Variant 6 b has thickened oblique cut rim and variant 6c has short rim and is not painted.
7. Fragment of a vase with short projected rim and tapering shoulder. Painted with black block band and horizontal lines below on the exterior pinkish red matt surface.
8. Fragment of a vase with out curved rim narrow neck and globular body. Painted with a black horizontal band at the body over pinkish red surface. From ^{Karsola}~~KAR~~ cf. Rukhi, Rattathah, Banehra, Ritoli, Singhwa. Variant 8a is distinguished by a black band painted above the shoulder and the curved rim. Variant 8b has thickened beaked rim.
9. Fragment of a small vase or bowl with everted rim, raised neck. From Dharmheri. cf. ^{Shaffar}~~Shd~~ and ~~KAR~~ ^{Karsola}.
10. Vase with a short everted rim, concave neck and globular body. From Tigrana. cf. Chang, Singhwa, Rukhi, Satrod Khurd, Banehra, Ghaswa, Ritoli and ~~KAR~~ ^{Malar}.
11. Fragment of a vase with projected rim sitting at the shoulder and globular body. Painted with a black block band at the shoulder and a rim band on the exterior dull

red. From Urlana. cf. Singhwa, Rukhi, Manak Majra.

Variant IIa has a thickened rim and variant 11b has out curved projected rim and a shoulder band in black.

Variant 11 C has a shorter rim.

12. Fragment of a vase with wide mouth short out turned rim. Painted with a rim band in black. From Manakmajra.
13. Fragment of a vase with projected rim, raised neck and tapering shoulder. Painted in black with two horizontal lines at the neck on the exterior matt red surface. From Urlana. cf. Mitathal IIB - 32.
14. Fragment of a vase with outgoing rim and painted with a black block band on the exterior red surface. From Urlana.
15. Fragment of a vase with short projected rim and raised neck. From Bichpari. cf. Siswal-22, Mitathal IIA-1.
16. Fragment of a perforated vase with thick everted rim From Gangana. cf. Ratta Theh, Baghru, Sisai, Wanawali, Chimarheri and Urlana. Variant 16a is distinguished by an out turned rim painted with a black band on exterior. From Chang. cf. Manoharpur, Urlana and Gagsina.
17. Medium sized vase with oblique cut short rim and narrow neck. From Chiman. cf. Burj, Gagsina, Mitathal I-2.
18. Fragment of a vase or handi with out turned rim, narrow neck and globular body. From Singhwa. cf. Manak Majra, Urlana and Siswal-19. Variant 18 a is marked by out turned thickened rim, and tapering shoulder. Painted with a black block band on the exterior of rim over pinkish red matt surface. From Tigrana.

19. Fragment of a vase with short outcurved grooved rim and expanding shoulder. From Gagsina. cf. Mater Syam, Alike, Manak Majra, Urlana, Mitathal IIA-4.
20. Fragment of a storage jar with everted rim, raised neck and tapering shoulder. From Jind. Variant 20a is distinguished by a projected rim and a black block band painted on the exterior above shoulder over light red slip. From Rakhigarhi.
21. Fragment of a storage jar with a clubbed rim, raised neck. From Karsola. cf. Manakmajra.
22. Fragment of a storage jar with a beaded or externally collared rim and expanding shoulder. From Singhwa. cf. Satrod Khurd, Data, Urlana and ~~XHI~~ *Khobhari*.
23. Fragment of a storage jar with externally grooved collared rim. From Baghru. cf. Wanewali and Urlana.
24. Fragment of a handled vase. From Chang. cf. Dharmheri, Gagsina, Singhwa, Matersyam, Satrod Khurd, Sisai, Manak Majra, Siswal-25, Mitathal IIA-9.
25. Fragment of a vase with a pedestal base. From Rakhigarhi. cf. Tigrana, Shahpur, Dharmaheri, Gagsina, Singhwa, Siswal-26.
26. Fragment of a vase with a ring base. From Chang.
27. Fragment of a vase with a pedestal base, painted with black horizontal lines on the exterior. From Chang. cf. Matersyam and Ritoli.
28. Fragment of a vase with pedestal base. From Chang.
29. Fragment of a vase with a pedestal base. From Satrod Khurd ~~3~~ cf. Mohanpur, Manak Majra, Ratta Theh and Dharmaheri.

- 30. Fragment of a vase with a ring base. From Wanawali.
- 31. Fragment of a miniature vase with a ring base.
From Wanawali.
- 32. Fragment of a vase with a ring base. From Wanawali.
- 33. Fragment of a thick storage jar with a disc base.
From Chang.
- 34. Fragment of small vase with a flat base. From Ratta
Theh. cf. Gagsina.

Fig. 20

- 35. Fragment of a vase with a flat base. From Rakhigarhi.
- 36. Fragment of a bowl with incurved thickened rim and
carinated shoulder. Painted in black with a black
horizontal band at the rim over matt red surface. From
Rakhi Shahpur. cf. Siswal-29.
- 37. Fragment of a cup with featureless rim and convex sides.
Painted with black bands at the rim and shoulder enclo-
sing oblique lines. From Rakhigarhi. cf. Siswal-28a.
- 38. Fragment of a bowl with featureless incurved rim and
tapering lower sides. Painted with black band at the
rim and vertical strokes below on the exterior matt
red surface. From
- 39. Fragment of a bowl with thick featureless rim and tapering
sides. Painted with black band at the rim and short
strokes on the interior. From Rakhi Shahpur. cf. Siswal-31.

40. Fragment of a bowl (on stand) with everted undercut rim. Painted with black band at the rim. From *Rakhigarhi*.
41. Fragment of a bowl with an out turned undercut rim and tapering sides. Painted with a black band at the rim. From Rukhi. cf. Siswal-35. Variant 41a is distinguished by a short projected rim. cf. Mitathal IIB-59.
42. Fragment of a bowl with a nail headed rim and tapering sides. From *Rakhigarhi*.
43. Fragment of a bowl with flat topped rim and tapering sides. From Chang. cf. Mitathal IIA-15, Mitathal IIB-56. Variant 43a is distinguished by its shallowness. From Tigrana. cf. Mitathal IIA-17.
44. Fragment of a bowl with blunted rim and tapering sides, slightly grooved on the exterior. From Chang. cf. Mitathal I-7.
45. Fragment of a bowl with a beaded undercut rim and tapering sides.
46. Fragment of a bowl with outgoing blunted rim, externally grooved, and tapering sides. Painted with black horizontal band at the rim and thick strokes on the interior. From *Farmana*. cf. Siswal-40.
47. Fragment of a bowl with an outturned rim and convex sides. From Rakhigarhi. cf. Mitathal IIB-62.
48. Fragment of a bowl with a thickened outgoing rim and tapering sides. From *Paoli*.
49. Fragment of a bowl with flaring and undercut rim and tapering sides. From *Rukhi*.
50. Fragment of a deep bowl with an oblique cut out turned rim and convex sides. Painted with a black band at the

- rim on the exterior. From Rakhigarhi. cf. Siswal-44.
51. Fragment of a basin with a flaring blunted and undercut rim and tapering shoulder. From Karsola. cf. Wanawali and Chiman.
 52. Fragment of a basin with a projected undercut rim and carinated shoulder. From Wanawali. cf. Siswal-16, Mitathal IIB-86.
 53. Fragment of a basin with a thick projected undercut rim and blunt carinated shoulder. From Wanawali. cf. Manak Majra, Siswal-5.
 54. Fragment of a basin with an undercut projected rim and tapering shoulder. From Gagsina?
 55. Fragment of a trough with outgoing thickened and externally grooved rim and tapering sides. Rusticated on the exterior and painted with a black band at the rim. From Sisal.
 56. Fragment of a trough with a beaked rim and convex tapering sides, grooved on the interior and decorated with rope marks on the exterior. From Farmana.
 57. Fragment of a trough with an outgoing projected blunted rim and tapering sides. From Paoli. cf. Farmana.
 58. Fragment of a trough with a pointed projected rim and tapering sides, decorated on the interior with grooved lines. From Kurukshetra.
 59. Fragment of a trough with a thickened projected rim and grooved interior. From Badhauri. cf. Manakmajra, Wanawali.

60. Fragment of a dish on stand with a long projected rim and carinated shoulder.
61. Fragment of a dish on stand with a long projected rim and blunt carinated shoulder. From Satrod Khurd², cf. Dharmheri and Gagsina, Wanawali and Chimir².
62. Fragment of a dish on stand with semi drooping projected rim. From Chang. cf. Karsola, Satrod Khurd², Alike, Baghru, Mundh, Mitathal IIB-94.
63. Fragment of a dish on stand with a semi drooping projected rim and blunt carinated shoulder. From Rakhi Shahpur. cf. Data, Sisai², Mundh, Dharmheri, Tigrana, Gheora, Burj, Urlana, Gangsina and Jhanjhari.
64. Fragment of a stem of a dish on stand. From Tigrana. cf. Satrod Khurd², Manoharpur, Mohna and Dharmheri.
65. Fragment of a stem of dish on stand with up turned base. Painted with black horizontal lines on the exterior. From Manak Majra. Variant 65a is distinguished by a more squatish base.
66. Fragment of a stem of dish on stand with an expanded base. From Gheora. cf. Satrod Khurd², Data, Mohna, Urlana, Burj, Ritoli, Gagsina, Mitathal IIB-99.

B. The Harappan Pottery (Fig. 21)

1. Fragment of a storage jar with short projected rim and ledged neck. Painted with black horizontal bands at the neck. From Rakhigarhi. cf. Farmana-2, Singhwa.

2. Fragment of a storage jar with a wide mouth and projected rim. Painted with a black horizontal band at the rim. From Singhwa. cf. Rakhigarhi, Satrod-1, Ratta Theh. Variant 2a is distinguished by a flanged rim. From Farmana-2. cf. Murkhi^{and} Data. Variant 2b is marked by a recurved projected rim. From Manak Majra.
3. Fragment of a storage jar with a flanged rim. From Tigrana, cf. Satrod-3.
4. Fragment of a storage jar with a flanged under cut rim and convex sides. From Baghru. cf. Manak Majra, Ritoli, Ratta Theh.
5. Fragment of a storage jar with a clubbed rim and convex sides. From Jhanjhari. cf. Mohanpur, Gheora, Gagsina, Daulatpur I-1.
6. Fragment of a storage jar with a beaked rim and convex sides. From Tigrana. cf. Mohanpur, Dharmheri, Burj and ~~Xhi~~. *Khokhari*.
7. Fragment of a storage jar with an externally collared and flat topped rim. From Singhwa. cf. Karsola, Rukhi, Ratta Theh, Burj, Ritoli, Urlana, Mitathal IIB-4.
8. Fragment of a storage jar with a beaded rim. From Jhanjhari. cf. Murkhi, Rukhi, Dacher, Gheora, Burj, Chimarheri, Ritoli, Urlana and Gagsiana.
9. Fragment of a storage jar with a clubbed rim sitting at the shoulder and a bulbous body. From Dharmheri. cf. Shehpur Kandela, Daulatpur I-7. Variant 9a is distinguished by a collared rim. From Singhwa Variant 9b is marked by a collared rim and convex profile. From Karsola.

10. Fragment of a storage jar with a collared rim, narrow mouth and expanding shoulder. From Urlana. cf. Tigrana, Chang, Singhwa, Ritoli, Banehra, Ghaswa, Urlana, Mitathal IIB-5, Daulatpur I-9. ~~Variant 10 is~~
11. Fragment of a storage jar with a collared rim and tapering shoulder. From Singhwa. cf. Urlana, Rakhi Shahpur, Gagsina, Manakmajra. Variant 11a is distinguished by black band enclosing a zigzag line at the shoulder and a band at the rim.
12. Fragment of a storage jar with a collared rim. From Manak Majra. cf. Tigrana, Chang, Rukhi, Gheora, Banehra, Satrod-3, Mitathal IIB-7.

Fig. 22

13. Fragment of a perforated jar with outgoing blunted rim. From Vanawali.
14. Base fragment of a perforated jar with a wide hole at the base. From Vanawali.
15. Fragment of a vase with a flaring rim and globular body, painted in black horizontal band at the rim and black bands and a wavy line at the shoulder. From Bichpari.
16. Fragment of a vase with a projected rim. From Urlana. cf. Sasai-4, Rattatheh, Singhwa. Variant 16a is distinguished by a projected rim ^{and} concave neck. From Gagsina. Variant 16b is marked by a thickened projected rim. From Singhwa. Cf. Daulatpur I-17.

17. Fragment of a vase with a clubbed rim and high neck.
From Gagsina. cf. Mund, Burj, Ritoli.
18. Fragment of a vase with a projected blunted rim
and high neck. From Singhwa. cf. Urlana, Mitathal IIB-
16. Variant 18a is distinguished by a flanged rim.
Variant 18b is marked by a pointed projected rim.
19. Fragment of a vase with a flaring rim and tapering
neck. From Gagsina. cf. Alike, Urlana, Matasyam, Manak
Majra, Mitathal IIB-40. Variant 19a is distinguished
by a featureless rim. From Gagsina.
20. Fragment of a bowl like lid with an internal knob
and rounded base. From Chang. cf. Alike, Matersyam,
Mitathal IIB-50.
21. Fragment of a jar with a clubbed rim and tapering
shoulder. From Karsola. cf. Manak Majra.
22. Fragment of a vase with a beaded rim, tapering neck
and ribbed shoulder Painted in black with horizontal
bands on the exterior pinkish red slip. Some oblique
strokes are painted inbetween the bands at the
shoulder. From Singhwa. cf. Data, Satrod-2. Vanawali.
23. Fragment of a vase with a beaded rim and high neck,
From Urlana. cf. Vanawali, Gagsina, Daulatpur I-25.
Variant 23a is distinguished by a high concave neck
From Urlana. cf. Burj, Ritoli, Singhwa. Variant 23b
is painted with black block band at the rim and neck
on the exterior. From chang. cf. Dharmkeri, Ratta Theh.
24. Fragment of a vase with a beaded rim and high concave
neck. Painted with black horizontal bands at the neck.
From Singhwa. cf. Chang, Karsola, Shahpur Kandela,
Kasun, Uplana, Urlana.

25. Fragment of a vase with a beaked rim and concave neck. From Vanawali. cf. Daulatpur I-41. Variant 25a is distinguished by a beaked rim and flaring mouth. Painted with a black block band on the exterior of the rim. From Gagsina. cf. Singhwa, Tigrana, Shahpur, Dharmheri.
26. Fragment of a vase with a clubbed rim, flaring mouth and high neck. From Dharmheri. Variant 26a has a high concave neck and Variant 26b is distinguished by a thicker clubbed rim and shorter neck.
27. Fragment of a vase with a recurved rim. From Ritoli. cf. Chang, Mater Syam.
28. Vase with a broken rim, globular body and flat base. From Badhauri.
29. Fragment of a vase with a disc base. Variant 29a has thinner sides.
30. Fragment of a Vase with a footed disc base. From Dharmheri. cf. Ritoli, Urlana, Manak Majra.
31. Fragment of a vase with a flat base. From Urlana.
32. Fragment of a vase with high tapering sides and flat base. From Gagsina.
33. Fragment of a small vase with footed base and resembling a double pot. From Rakhigarhi.
34. Fragment of a vase with a painted base. From Ratta Theh. cf. Gagsina.
35. Fragment of a vase with a disc base. From Rakhigarhi.
36. Fragment of a beaker with base. From Rakhigarhi.

37. Fragment of a bowl with projected undercut rim and blunt carinated shoulder. Variant 37a is distinguished by squatish and wider form and sharp carination at the shoulder. From Dharmheri. Variant 37b is a small type with incipient carination. From Urlana. cf. Daulatpur I-51.
38. Fragment of a bowl with everted rim and tapering sides. From Vanawali. cf. Tigrana, Sisai-3, Mitathal IIB-70.
39. Fragment of a bowl with everted rim and convex tapering sides. From Satrod-3.
40. Fragment of a bowl with an everted rim. From Vanawali. cf. Daulatpur I-55.
41. Fragment of a bowl with a thickened projected rim and convex tapering profile. From Mund. cf. Sisai-47. Manak Majra, Mitathal IIB-73.
42. Fragment of a vase with an everted rim and carinated shoulder. Painted with black horizontal bands enclosing short vertical strokes on the exterior pinkish red slip. From Tigrana. cf. Mitathal IIB-66.
43. Fragment of a bowl with a thickened everted rim and carinated shoulder. Painted with black horizontal bands at the rim and shoulder. From Singhwa.
44. Fragment of a bowl with flaring sides and flat base. From Urlana.
45. Fragment of a bowl with a thickened internally bevelled rim and convex sides. From Singhwa.
46. Fragment of a bowl with an everted rim and convex sides. From Paoli.

- 47. Fragment of a bowl with an internally bevelled rim and tapering sides. From Urlana.
- 48. Fragment of a bowl with a sharp projected rim and convex sides. From Manak Majra.
- 49. Fragment of a bowl with projected undercut rim and convex sides. From Jhanjhari.

Fig. 23

- 50. Fragment of a basin with a projected rim and carinated shoulder. From Urlana.
- 51. Fragment of a basin with a thick projected rim and carinated shoulder. From Singhwa.
- 52. Fragment of a basin with a projected undercut rim and convex profile. From Vanawali. Variant 52a is distinguished by a shorter rim. From Tigrana.
- 53. Fragment of a basin with a collared rim and carinated shoulder. From Tigrana.
- 54. Fragment of a dish on stand with a projected rim and carinated shoulder. From Gagsina. Variant 54a is distinguished by a thicker section and raised sides above carination. From Chang. cf. Karsola.
- 55. Fragment of a dish on stand with a projected rim and carinated shoulder. From Sisai-3.
- 56. Fragment of a dish on stand with a projected rim and ridged carinated shoulder. From Farmana-2.
- 57. Fragment of a dish on stand with a projected rim and carinated shoulder. From Farmana-2.
- 58. Fragment of a dish on stand with a projected rim and carinated shoulder. From Vanawali. cf. Rakhigarhi.

Variant 58a is distinguished by a shorter rim.

From Farmana-2. Variant 58b has long projected rim.

From Jhanjhari. cf. Vanawali, Chang.

59. Fragment of a dish on stand with a projected internally ledged rim and an incipient carination at the shoulder. From Chang. cf. Vanawali, Manak Majra. Mitathal IIB-87. Variant 59a is distinguished by a blunt carinated shoulder. From Singhwa.
60. Fragment of a shallow dish on stand with a projected undercut rim. From Singhwa.
61. Fragment of a deep dish on stand with a projected undercut rim and blunt carinated shoulder. From Gagsina.
62. Fragment of a deep dish on stand with a projected under cut rim blunt carinated shoulder and a pedestal base. From Arnauli. cf. Chang, Kawsola, Singhwa, Urlana, Kurukshetra, Bodha, Gagsina, Jhanjhari, Daulatpur I-86.
63. Fragment of a dish on stand with a projected undercut rim and carinated shoulder. From Tigrana. cf. Rakhi-garhi, Shahpur, Satrod-3, Burj, Urlana.
64. Fragment of a dish on stand with a thick nail headed rim and tapering sides. From Tigrana. cf. Satrod-1, Dharmberi, Dachar.
65. Fragment of a dish on stand with a projected undercut rim and carinated shoulder and tapering sides. From Ritoli. cf. Daulatpur I-84.

- 66. Fragment of a dish on stand with a thick projected rim. From Gagsina. cf. Daulatpur I-80a.
- 67. Fragment of a dish on stand with a thick projected rim and carinated shoulder. From Ritoli. cf. Mitathal IIB-86.
- 68. Fragment of a shallow dish on stand with a thick projected rim. From Singhwa. cf. Farmana 1, Ratta Khara, Karsola.
- 69. Fragment of a dish on stand with a short thick projected rim. From Pujaur. cf. Chang, Badhauri.
- 70. Fragment of a dish on stand with a beaded rim. From Tigrana.

Fig. 24

- 71. Fragment of a dish on stand with a down tapering projected rim painted with black horizontal bands enclosing oblique strokes with fronds over red slip. From Gagsina. cf. Dachai, Urlana, Farmana-2, Paoli, Vanawali. Variant 71a has a sharpened rim and the dish is deeper. From Data cf. Dachar.
- 72. Fragment of a dish on stand with a short drooping rim. From Mund. cf. Burj, Chang, Karsola, Vanawali. Variant 72a is distinguished by thickened projected rim. From Singhwa ~~cf.~~ Daulatpur I-67.
- 73. Fragment of a dish on stand with a drooping undercut rim in thin section. From Sandhaya. cf. Mitathal IIB-94 Daulatpur I-63.
- 74. Fragment of a dish on stand with a mildly drooping rim. From Farmana-2. cf. Urlana, Gagsina. Variant 74a has medium drooping rim. From Urlana.

75. Fragment of a dish on stand with a thickened tapering drooping rim. From Karsola. cf. Mitathal IIB-96.
Variant 75a has a medium drooping rim painted in black with horizontal bands enclosing hatched leaf over light red slip. From Chang. cf. Singhwa, Burj, Sisai-4, Satrod-36.
76. Fragment of a dish on stand with a drooping rim. From Dharmheri. cf. Mund, Urlana, Mitathal IIB-97 Daulatpur I-91. Variant 76a is distinguished by a fully drooping rim. Painted with black horizontal bands on the interior of the dish and also on the exterior of rim with oblique strokes forming an almost chevron pattern over light red. From Dharmheri. cf. Mund. Variant 76b has more pronounced drooping rim painted on the exterior with hatched trefoil leaf or butterfly designs between horizontal bands in black over red. From Dharmheri.
77. Fragment of a platter with tapering externally grooved sides and disc base. From Urlana.
78. Fragment of a dish with internally collared rim and flat broad base. From Murkhi. cf. Rakhigarhi.
Variant 78a is distinguished by a carinated, shoulder. From Vanawali.
79. Fragment of a dish with a short projected undercut rim. From Chang. cf. Paoli.
80. Fragment of a dish with a broad ring base. From Rakhigarhi. cf. Daulatpur I-77.

81. Fragment of a dish with incurved rim and saggar base. From Dharmheri.
82. Fragment of a dish or basin with convex sides decorated on the exterior with wavy incised lines. From Dharmheri.
83. Fragment of a dish or basin with incurved rim and concave base. From Burj. cf. Farmana-2.
84. Fragment of a flat 'chakla' with a ring base. From Manak Majra. cf. Jhanjhari.
85. Sturdy stem of a dish on stand with recurved base. Painted on the exterior with black horizontal bands over light red slip. From Farmana-2. cf. Dachar, Mund, Ritoli, Mitathal IIB-103, Daulatpur I-87.
86. Fragment of a stem of tall dish on stand with an incipient drum ribbed on exterior. From Jhanjhari.
87. Fragment of a stem of miniature dish on stand of tall variety. From Rakhi Garhi.
88. Fragment of a stem of dish on stand with a recurved base. From Vanawali. Variant 88a is distinguished by a broad base. From Vanawali cf. Rakhigarhi.
89. Fragment of a stem of a dish on stand with a recurved base. From Karsola. cf. Urlana, Banehra, Jhanjhari, Dharmheri, Mitathal IIB-102.
90. Fragment of a stem of a squat dish on stand with a beaded base. Painted with a black band on the exterior. From Banehra. cf. Data, Burj, Jhanjhari.
91. Fragment of a broad squat stem of deep dish on stand. From Jhanjhari. cf. Singhwa, Urlana. Variant 91a is distinguished by a pedestal base of the deep dish on stand. From Dharmheri, cf. Urlana, ^aManak Majra Singhwa, Mitathal IIB-90.

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