hand holding tie on shoulder and right hand hanging open; wearing short wig, panther skin over robe; over his head three horizontal lines of small signs, facing to right: (1) hr nfr nswt, (2) hnty-th, (3) Tm-nswt.

Back of outer niche on right (north): two vertical lines of inscription, facing in to left: (1) br-n n-f hm-f rrv r imr-f fr hr nfr r; (2) sk sw rnb hr rdsy-fy hnty-th pr-ct hsw with the name Hafaw-nth written horizontally beneath both lines; under this inscription is an incised horizontal line; under this main part is a small standing figure of the mother, standing facing in to left, with right hand open on breast and left hand hanging open; lappet wig and tunic; over head three horizontal lines: (1) mwt-f, (2) hnty-th, (3) Tmpw.

Frame panel on left (south): large figure of Khufu-ankh, standing facing to right, with staff and wand; short wig, panther skin over short skirt; naked boy standing between man and staff with left hand on staff and right hanging; labelled sr-f Mn-ksw-rn-nth: above his head four vertical lines ending in two horizontal lines: (1) dl nswt htp Tmpw di hnty sb nfr kst m htr-nf, (2) hnty-th pr-ct, hsw, imy-nr hsw pr-ct, (3) imy-nr shrw, mry nb-f, mrr nb-f, (4) ldd lht nfrf n nb-f r pr nb, imwht hr nb-f, rh nswt, (5) thmbl ih n nb-f r pr nb, (6) rh nswt Hafaw-nth.

Frame panel on right (north): large standing figure of wife; facing in to left; right hand open on breast and left hand hanging open; lappet wig, long tunic, necklace; in front of her smaller figure of daughter in same attitude and attire, labelled vertically over head bns-dr Th; behind the woman stands a small naked girl with finger to her mouth, and small pig-tail; labelled sr-f Mrt-th-s. Above the woman's head four vertical lines and one horizontal: (1) dl nswt htp Tmpw di hnty sb nfr kst m htr-nf, (2) mnf imy-nr hsw pr-ct nfrf wnt hr nfr nfrf hswfim, (3) hmr nfr htr-th hsw pr-ct, hmr nfr Nh ktp wnt wntw mntb, (4) pr-ctw hsw n-s m Dnhyt m wsw, (5) rft nswt Dfsh-ht.

Decoration of small stela (niche) in west wall of room (b): no tablet or architrave; framed simple stela with top and sides of frame: under top of frame, inner niche with drum and the two backs of the outer niche.

Top of frame, or crossbar, with horizontal line of incised signs, facing to right, di nswt htp Tmpw kst m htr-nf.

Drum: uninscribed.

Back of outer niche on left (south) nearly obliterated; inscription above hnty-th Tsw(?)-nfs.

Back of outer niche on right (north) nearly obliterated; inscription above hnty-th Tm-nswt.

Outer frame panel on left (south) nearly obliterated.

Outer frame panel on right (north) vertical line, hnty-th pr-ct, hsww(? Hafaw-nth.

Offering-stone: found in place in front of great stela; a large slab of white limestone containing in its upper surface a rectangular basin on the left end, in the middle two circular bowl-like depressions and on the right a circular disk in relief; inscribed across the top end of the basin, imwht hr ntr py; around the raised disk on the right runs a circular band of inscription, rh nswt, hsw, hnty-th pr-ct Hafaw-nth; hntf-mt mrt-ht. Stone measures 44.5 x 25 cm. and about 20 cm. high. Pl. 66 b.

Offering-basin found in place in front of small niche in room (b); simple rectangular offering-basin; inscribed on upper ledge down right side and across top, imwht hr ntrf, hsw, hnty-th Hafaw-nth.

Serdab: in the west wall between the great stela and the small stela a slot window opens into a small serdab, 0.23 x 0.35 m. and 0.56 m. high; slot opening, 3 cm. high and 5 cm. wide; remains of decayed wooden statue.

Shaft G 4520 A: sole shaft, north of middle, 2.15 x 2.05 m.; lined with massive masonry, 3.75 m.; 7 courses; in the SW corner a smaller rock-cut shaft, 1.47 x 1.47 m.; 3.9 m. high; at 3.9 m. is a ledge and the shaft descends contracted to 1.03 x 1.1 m. to a total depth of 6.2 m. in rock; 3 chambers.

Chamber (1): at 1.15 m. in rock; type 6 d; on east; 1.0 x 0.1 m. and 0.8 m. high; area 0.10 sq. m.; capacity, 0.08 cu. m.; found completely cleared out.

Chamber (2): at 3.9 m. in rock; type 4 b (1); on south; 3.1 x 1.5 m. and 1.6 m. high; area, 4.65 sq. m.; capacity, 7.44 cu. m.

Passage: 0.57 x 0.8 m. and 1.24 m. high; found completely cleared out.

Chamber (3): at 6.2 m. in rock; type 5 a (1); on west; 2.7 x 2.3 m. and 1.4 m. high; area, 6.21 sq. m.; capacity, 8.69 cu. m.
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Passage: 0.35 × 1.05 m. and 1.2 m. high.

Blocking: partly in and partly out of doorway; rough masonry with sloping face on shaft side mud plastered; type IV c (2); probably intact.

Coffin: wooden kist coffin with inner lining of sides and ends of wood; kist-coffin, outside, 21 × 0.8 m. and c. 0.6 m. high (height of lid, 18-24 cm.); inner case, inside, 1.72 × 0.43 m.; thickness of outer case, 8 cm.; thickness of lining, 6 cm.; thickness of floor-boards, 8 cm. See Fig. 309.

Burial: in inner case, a half contracted skeleton (turned over on back) wrapped in linen (limbs separately); linen badly decayed; under head, alabaster head-rest.

Many objects on floor of chamber; see below.

Pl. 66 e (blocking), Pl. 66 f (objects on floor), Pl. 67 a (coffin), Pl. 67 b (body in coffin).

Objects: found in debris in shaft:
14–3–63: copper; model chisel; length, 9.0 cm.; w. 0.9 cm. Pl. 69 e (2/a), Fig. 310.

Objects: found in chamber (3):
14–4–12: alab.; head-rest, one piece, with fluted stem; h. 20.9 cm.; length of base, 18.4 cm.; length of top, 17.1 cm. Pl. 60 d (found in coffin), Fig. 310.

Alabaster Model Vessels:

Type S–I d: alab.; jar, models; 6 examples:
14–4–3: h. 4.3–4.4 cm.; d. 2.8–3.0 cm. (a) h. 4.2 cm.; d. rim, 2.8 cm.; d. min., 2 cm.; d. base, 2.4 cm. Pl. 68 f (2/3), Fig. 310.

Type S–XIV b: one-handled jug, dummy model; 1 example:
14–4–2: alab.; h. 4.9 cm.; d. top, 2.0 cm.; d. body, 3.6 cm.; d. base, 1.8 cm.; unpierced handle. Pl. 68 f (1/1), Fig. 310.

Type S–XV a: shoulder-jar; 2 examples:
14–4–5: alab.; h. 6.3 cm.; d. neck, 2.0 cm.; d. shoulder, 3.4 cm.; d. base, 2.0 cm. Pl. 68 f (1/3), Fig. 310.

Type S–XVI b: collar jar with ring-stand in one piece; 2 examples:
14–4–1: alab.; h. 7.6 cm.; h. ring-stand, 2 cm.; d. top, 2 cm.; d. collar, 2.2 cm.; d. body, 3.4 cm.; d. ring-stand, top, 2.2 cm.; d. base, 2.0 cm.; (b) h. 8.3 cm.; d. 3.6 cm. Pl. 68 f (2/2), Fig. 310.

Type S–X b: model basin with convex sides; 5 examples:
14–4–4: alab.; h. 1.7–2.0 cm.; d. max. 4.8–6.6 cm.; (a) h. 2.2 cm.; d. top, 4.2 cm.; d. max. 4.8 cm.; d. base, 3.0 cm. Pl. 68 f (1/2), Fig. 310.

Sum total of alab. models: 11 jars (4 types) and 5 basins (one type); total, 16 models.

Pottery found in chamber:

Group A: round-bottomed and pointed jars:

Type A–II b: large wine-jar; 2 examples:
14–4–21: WSR, yellow slip; with remains of mud stoppers; h. 33.6 cm.; d. rim, 8.8 cm.; d. neck, 8.2 cm.; d. body, 19.0 cm. Pl. 69 b (1/1), Fig. 310.

14–4–22: WSR, yellowish slip; incomplete; h. 34.4 cm.; d. rim, 10 cm.; d. neck, 8 cm.; d. max. 19.2 cm. Pl. 69 b (1/2).

Group B: flat-bottomed jars:

Type B–LV b–m: models of neckless shoulder-jar; 9 examples:
14–4–15: BrW; 6 examples; with splay foot; h. 4.5–5.6 cm.; d. 5.1–6.6 cm.; (a) h. 5.4 cm.; d. rim, 3.6 cm.; d. max. 5.8 cm.; d. min. 2.8 cm.; d. base, 3.6 cm. Pl. 69 c (2/2), Fig. 310.

14–4–19: RW, red wash; 3 examples; with splay foot; h. 7.5–8.1 cm.; d. 8.5–8.9 cm.; (a) h. 8.2 cm.; d. rim, 5.2 cm.; d. max. 9.0 cm.; d. min. 4.3 cm.; d. base, 4.2 cm. Pl. 69 c (2/1), Fig. 310.

Type B–LVII a–m: model collar jar with splay foot; 3 examples:
14–4–16: BrW; h. 8.4–8.6 cm.; d. max. 4.3–4.6 cm.; (a) h. 8.3 cm.; d. top, 3.8 cm.; d. collar, 4.0 cm.; d. max. 4.4 cm.; d. min. 3.2 cm.; d. base, 4.0 cm. Pl. 69 c (1/1), Fig. 310.

Type B–LVIII: degenerate model of belted barrel jar with splay foot: 1 example:
14–4–17: BrW; h. 7.4 cm.; d. rim, 4.2 cm.; d. max. 4.6 cm.; d. min. 3.0 cm.; d. base, 4.0 cm. Pl. 69 c (2/3), Fig. 310.
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Type B–LIX b: practical jug with tall neck, bulging shoulder, with nearly upright tubular spout, tapering body with narrow flat base; 1 example:
14-4-13: BrW; red wash; h. 34.3 cm.; d. rim, 12.4 cm.; d. neck at base, 8.0 cm.; d. body, 16.0 cm.; d. base, 3.2 cm.; w. with spout, 18.6 cm. Pl. 69 a, Fig. 310.

Group C: round-bottomed basins and bowls: no examples.

Group D: flat-bottomed basins and bowls:
Type D–XXXV c: model of basin with contracted mouth and open spout: 1 example:
14-4-18: BrW; h. 4.0 cm.; d. rim, 7.0 cm.; d. max. 7.6 cm.; d. base, 5.0 cm.; w. with spout, 8.4 cm. Pl. 69 c (1/2), Fig. 310.

Type D–LXXIX a: model basin with straight sides and splay foot; 94 examples:
14-4-14: BrW; 94 examples; about 2.0 m. high with diameter of c. 6.5 cm.; (a) h. 1.9 cm.; d. max. 6.4 cm.; d. base, 4.0 cm. Pl. 69 c (1/3), Fig. 310.

SUMMARY OF POTTERY:
Group A: type II b, 2; total 2 jars.
Group B: type LV, 9; LVI, 3; LVIII, 1; LIX, 1; total 14 jars.
Group C: no examples.
Group D: type XXXV c, 1; LXXIX, 94 small models; total 95 small models.
Sum total: jars, 16 examples (3 practical jars and 13 models); basins, 95 (all models); sum total of vessels, 111 examples of which 3 were practical vessels and 108 models; total of types 7.

Copper: models of tools; 5 different tools.
14-4-7: copper; knife with tang; in frags.; length, 12.9 cm.; w. 1.7 cm. Pl. 69 e (1/1), Fig. 310.
14-4-8: copper; model adze; length, 6.8 cm.; w. edge, 1.4 cm.; w. butt, 1.2 cm. Pl. 69 e (3/2), Fig. 310.
14-4-9: copper; model adze, incomplete; length, 7.4 cm.; w. edge, 1.1 cm. Pl. 69 e (4/2), Fig. 310.
14-4-10: copper; model chisel; length, 8.3 cm.; w. max. 0.9 cm. Pl. 69 e (5/2), Fig. 310.
14-4-11: copper; model axe-head; with one and probably three tie holes along flat side (handle side); length, 4.9 cm.; h. of flat side, 5.4 cm. Pl. 69 e (2/1), Fig. 310.

Mud sealing: found in chamber:
14-4-20: mud (sealing clay); box sealing with string mark; 4.8 x 3.6 cm. and 3.2 cm. high; impressed with cyl. seal with 6 vertical lines of which only the Horus name in a frame was legible, ḫr Tr-mrt ( = Wir-kf).

Later Constructions:
Against the east face of the core north of the chapel was a composite mastaba, the result of repeated additions and alterations: this covered the face of the core from the north end of the exterior chapel of G 4520 to the NE corner of the core and westwards along the north end for a distance of 4.8 m.; these constructions were numbered as they appeared, G 4522 north of the NE corner and along the face of the core, and G 4532 on south against the chapel; in G 4522 was a corridor chapel of type (5 c) with deep recess at south end and a serdab behind the south wall; in the debris around this complex were found a number of frags. of statuettes, 14-3-20, 21, 23-25, 27-32, 62 (see Pl. 67 c); farther away NE of G 4520 was found:
14-3-4: num. lst.; seated man and wife with naked boy between them; h. 43.5 cm.; w. 27.0 cm.; inscribed on left side of seat a horizontal and four vertical lines of inscription: ḫr niswt ḫadjw–nh, (1) ḫ₁-n n-f nsw s₂-f . . . , (2) ḫw₂ . . ., (3) m t . . ., (4) ḫr nb-f . . . in m . . .; on basin in front of boy, s₁-f mry-f Mu₂-kw–rt–nh; on front of throne, beside legs of both man and woman, unintelligible inscriptions. Pl. 67 c.
14-3-16, 23, 32: num. lst.; standing pair man and wife; h. 43 cm.; inscribed on back of support, ḫr ṣḏwine n pr–cḥ, ḫnty s Kp; woman labelled, hmt⁻f mrt⁻f ḫḥy. Pl. 67 d.
14-3-21: lst. frag. of crossbar or architrave; l. 25 cm., h. 13.5 cm. and 6.5 cm. thick; incised, ḫr ntr N–šps⁻niswt (identical with the N–šps⁻niswt of statuette in chapel of G 4410, and the ḫm–hr priest on the north jamb of G 4411 (L.D. II, 89 c)). Photo. C 5730.

The names on these statuettes indicated that the persons named were all connected with Khufuw-ankh; one statuette with wife and son was undoubtedly made later by a son; the man Kap, represented by two pair
statuettes, is possibly the same as the Kap shown on the great stela as first member of the *in-gt* of Khufuw ankh.

G 4524: small rubble mastaba built against the north end of G 4520 west of G 4522.

G 4525: small rubble mastaba built against the east face of G 4520 and against the south end of the masonry of room (b).

All these small mastabas appear to have belonged to persons related to Khufuw-ankh or his funerary service.

G 4620: row 2, line 6.

See Map 6 and Figs. 311 (shaft), 312 (objects).

Excavated: February 27th–28th, March 11th–14th; streets: March 15th to April 25th, 1914.

Owner: Ka-nofer, *s s nswt* (incised in large signs on east face of core).

Mastaba: core type IV–i, not cased; 22.85 x 9.85 m.; area, 225.07 sq. m.; prop. 1/2.32; h. 4.05 m.; 3 courses.

Chapel: exterior rubble chapel of type (1 d); one N–S offering-room with face of core as west wall; 7.2 x 1.5 m.; area, 10.8 sq. m.; prop. 1/4.8; no niche in west wall; entered from east at north end of east wall.

Shaft G 4620 A: sole shaft; 2.05 x 2.1 m.; -5.20 m. in rock; lined above with massive masonry, 4.35 m.; 5 courses.

Chamber: type 4 b (1) irregular; on south; 3.0 x 2.75 m. and 1.75 m. high; area, 8.25 sq. m.; capacity, 14.43 cu. m.; lower part of shaft and walls of chamber mended with small pieces of stone and plaster.

Passage: 1.0 x 1.5 m. and 1.8 m. high.

Blocking: interior blocking of type II c (2), penetrated.

Completely plundered except for potsherds and flint flakes.

Pottery:

Group A: round-bottomed and pointed jars:

Type A II b: large wine-jar; frags. of 1 jar.

14–3–68 d: WSR (pinkish); 4 frags.

Group B: flat-bottomed jars:

Type B–LI b: bag-shaped jar with flat bottom; 1 example:

14–3–65: RBrW, wet smoothed; h. 8.6 cm.; d. rim, 7.8 cm.; d. max., 9.5 cm.; d. base, 4.8 cm. Pl. 69 g (1/2), Fig. 312.

Type B–LIV: two-handled oil-jars; 1 example:

14–3–67: special ware, cream slip; incomplete; h. 23.2 cm.; d. rim, 7.0 cm.; d. neck, 5.2 cm.; d. body, 16 cm.; d. base, 8.4 cm.; w. with handles, 20 cm. Pl. 69 h, Fig. 312.

Group C: round-bottomed basins and bowls:

Type C–XXXII: with recurved rim and round bottom; it is probable that 14–3–68 a included one or more RP bowls of type C–XXXII.
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Group D: flat-bottomed basins and bowls:
Type D-XXXVI: recurved rim with spout; probably included in frags.
14-3-68a: RP; frags. of recurved rims.
Type D-XXXIX b: flaring bowl with concave sides, and plain rim; 1 example:
14-3-66: RP; incomplete; h. 20.4 cm.; d. rim, 27.2 cm.; d. base, 12.0 cm. Pl. 69g (1/1), Fig. 312.

Type D-LXXIII: straight spreading sides with plain rim; 1 example:
14-3-64: RW, red wash; incomplete; h. 27.8 cm.; d. top, 39.3 cm.; d. base, 11.0 cm. Photo. C 5753, Fig. 312.
Type D-LXXV: flaring bowl with internal moulding; frags.; 1 example.
14-3-68 c: RBrW, wet smoothed; frags.
Unidentified:
14-3-68 b: thick ware with black fracture, RP; frag. from rim of a large basin with moulded rim.

SUMMARY OF POTTERY:
Group A: type II b, 1; total 1 example.
Group B: type LI, 1; LIV, 1; total 2 examples.
Group C: type XXXII (?), 1 or more.
Group D: type XXXIX, 1; LXXIII, 1; LXXV, 1: XXXVI (?), 1; total 4 or more.
Sum total: 8 or more in 8 types.

Later Constructions: only one full partly destroyed mastaba was built against the east face of the core, G 4622; two shafts were found, G 4623 north of NE corner of core and G 4624 south of the chapel against the SE corner.
G 4621: three-shaft E-W mastaba built against the south end of G 4630 abutting on the west wall of the court. Alabaster statuettes of 'Prince' Khnum-ba-f (G 5230) were broken up in the street east of G 4620 after it had been covered with a light layer of drift sand; we found in this sand just above the rock a great number of frags. of alabaster including two heads (14-3-1 and 2) one of which joins with an inscribed panel with the name of 'Prince' Khnum-ba-f found with other fragments SE of G 4830.

G 4720: row 2, line 7.
See Map 6 and Figs. 313 (shaft), 314 (objects).
See Pls. 68 c and d, 70 a-f.
Excavated: February 1st to March 13th, 1914.
Mastaba: core type IV–i, not cased; 23.3 x 9.6 m.; area, 228.34 sq. m.; prop. 1/2-38; h. 5.0 m.; 4 courses.
Chapel: no trace was found; the place where an exterior c.b. chapel would have stood was covered by the south end of G 4722, leaving a passage 2 m. wide along the face of G 4720.
Shaft G 4720 A: sole shaft; 2.2 x 2.2 m. lined with massive masonry, 5.0 m.: 5 courses; smaller rock-cut shaft in NW corner, 1.6 x 1.8 m.; 5.0 m. in rock.

Chamber: type 4 b (1) irregular; on south; 2.5 x 1.7 m. and 1.55 m. high: area, c. 4.0 sq. m. (irregular); capacity, 6.2 cu. m.

Passage: 0.5 x 1.3 m. and 1.4 m. high; irregular step down from floor of passage to floor of chamber, 0.15 m.

Blocking: interior wall of rough masonry set in plaster; type III c (1), partly preserved.

No trace of coffin or skeleton; on floor scattered potsherds and a few ox-bones.

Objects: found in thieves’ debris in shaft:
14-3-58: flint; four flakes:
(a) razor with worked rounded ends, l. 9.4 cm.; w. 2.6 cm.; thickness, 0.5 cm. Pl. 70 a (1), Fig. 314.
(b) narrow pointed flake: l. 8.4 cm.; w. 1.2 cm. Pl. 70 a (1/2), Fig. 314.
(c-d) two small frags. like (b): l. 5.5 cm.; w. 1.3 cm. Pl. 70 a (4/2).

Pottery: found in thieves’ debris partly in shaft and partly in chamber:
Group A: round-bottomed or pointed jars:
Type A-II b: large wine-jar; frags of rim (2 examples):
14-3-56: hard brown ware, black fracture, wet smoothed; frag.
14-3-57 c: WSR; frag. rim.

Group B: flat-bottomed jars:
Type B-11 b: flat-bottomed bag-shaped jar; 1 example:
14-3-34: BrW; h. 10.0 cm.; d. rim (roll rim), 7.2 cm.; d. max. 11.2 cm.; d. base, 4.2 cm. Pl. 70 b (2/1), Fig. 314.
Type B-LV b: neckless shoulder-jar; 5 examples; one large jar and 4 large models:
14-3-35: BrW; 3 examples; h. 8.1-9.5 cm.; d. max. 9.7-10.1 cm.;
(a) h. 9.8 cm.; d. rim, 6.2 cm.; d. max. 9.8 cm.; d. base, 5.0 cm. Pl. 70 b (2/2), Fig. 314.
14-3-36: RBrW; incomplete; h. 10.7 cm.; d. rim, 7.0 cm.; d. shoulder, 10.7 cm.; d. base, 5.0 cm. Pl. 70 b (1/5).
14-3-45: BrW; h. 26.0 cm.; d. rim, 9.0 cm.; d. shoulder, 13.8 cm.; d. body, 12.0 cm.; d. max., 13.8 cm.; d. base, 3.6 cm.
14-3-38: BrW; 3 incomplete models of about the same size as 14-3-37.
14-3-41: BrW; 1 example; h. 8.6 cm.; d. top, 3.6 cm.; d. collar, 4.3 cm.; d. body, 4.6 cm.; d. min., 3.0 cm.; d. base, 3.6 cm. Pl. 70 b (1/1).
14-3-39: BrW: 4 examples; h. 4.9-6.2 cm.; d. 5.8-6.5 cm.; (a) h. 6.2 cm.; d. rim, 4.2 cm.; d. shoulder, 6.0 cm.; d. min. 3.2 cm.; d. base, 4.0 cm. Pl. 70 b (1/4), Fig. 314.
Type B-LVII a: collar jar; large models with splay foot; 5 examples:
14-3-37: BrW; h. 9.7 cm.; d. top, 3.6 cm.; d. collar, 4.3 cm.; d. body, 4.6 cm.; d. min., 3.0 cm.; d. base, 3.6 cm. Pl. 70 b (1/1).
14-3-38: BrW; 3 incomplete models of about the same size as 14-3-37.
14-3-41: BrW; 1 example; h. 8.6 cm.; d. top, 3.6 cm.; d. collar, 4.8 cm.; d. body, 5.2 cm.; d. min. 3.0 cm.; d. base, 3.6 cm. Pl. 70 b (1/2), Fig. 314.
Type B-LVIII: barrel jar with belt, splay foot; 2 examples:
14-3-40: BrW; h. 8.1 cm.; d. top, 4.0 cm.; d. max. 5.2 cm.; d. min. 3.0 cm.; d. base, 3.2 cm. Pl. 70 b (1/3), Fig. 314.
Group C: round-bottomed basins and bowls:
Type C-XXXII a: bowl with recurved rim; 2 (? examples):
14-3-54: WSR, heavy ware; 2 frags. of rim with different curvature; the slope indicates type C-XXXII, but the ware is unusual.
Type C-XXXII b: with high recurved rim; 3 examples:
14-3-42: RP; incomplete; h. 8.8 cm.; d. rim, 23.6 cm.; d. body, 23.4 cm. Fig. 314.
14-3-43: RP; incomplete; h. c. 7.5 cm.; d. 20.5 cm.
14-3-44: RP; incomplete; h. 8.0 cm.; d. rim, 20.4 cm.; d. body, 21.6 cm. Fig. 314.

Group D: flat-bottomed basins and bowls:
Type D-XXXV a: basin with short tubular spout; 3 examples:
14-3-48: RP; 2 examples, incomplete; (a) h. 35.2 cm.; d. rim, 35.2 cm.; d. max. 40.0 cm.; d. base, 12.0 cm.; w. with spout, 40.8 cm.; (b) h. 30.6 cm.; d. max. 36.3 cm. Pl. 70 c (1/1-2), Fig. 314.
14-3-55: RW, wet smoothed; frag. of small basin.
Type D-XXXV c: basin with open spout; model; 1 example:
14-3-33: RBrW; h. 6.4 cm.; d. rim, 12.0 cm.; d. max. 12.8 cm.; d. base, 5.0 cm.; w. with spout, 13.0 cm. Pl. 70 b (2/3), Fig. 314.
Type D-XXXVI a: recurved rim and long tubular spout; 3+ examples:
14-3-47: RP; incomplete (end of spout broken off); h. 15.2 cm.; d. rim, 25.2 cm.; d. body, 27.2 cm.; d. base, 9.6 cm.; w. with spout, 29.6+ cm. Pl. 70 d, Fig. 314.
14-3-53: RP; many frags. of recurved rims like the type; one or more examples.
14-3-57 h: RP; frag. with tubular spout. Pl. 70 c (1/1).
Type D-XXXIX a: flaring bowl with concave sides; frags. of 1:
14-3-51: RP; 2 frags.
Type D-XXXIX c: flaring bowl with straight sides and moulded rim; 1 example:
14-3-49: RP; incomplete; h. c. 6.3 cm.; d. rim, 22.4 cm. Fig. 314.
Type D-LXXV: flaring bowl with internal moulding; 3 examples:
14-3-57 a, b, f: coarse RW; frags. of three different vessels; (a) h. c. 5.0 cm.
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Type D-LXXVI b: bent-sided bowl with plain rim; 2 examples:
14-3-46: RP; incomplete; h. 13.8 cm.; d. rim, 36.6 cm.; d. bend-line, 34.0 cm.; d. base (slightly convex), 12.0 cm.
Pl. 70 f, Fig. 314.
14-3-52: RP; frags.; h. c. 20 cm.; d. c. 36 cm.

Type D-LXXIX a: model basins with straight sides; 38+ examples:
14-3-50: BrW; 38+ examples; h. 1.7-2.5 cm.; d. 5.7-7.2 cm.; (a) h. 2.2 cm.; d. max. 6.4 cm.; d. base, 4.2 cm.
Pl. 70 b (1/6), Fig. 314.

Type D-LXXIX b: bent-sided bowl with plain rim; 2 examples:
14-3-46: RP; incomplete; h. 13.8 cm.; d. rim, 36.6 cm.; d. bend-line, 34.0 cm.; d. base (slightly convex), 12.0 cm.
Pl. 70 f, Fig. 314.
14-3-52: RP; frags.; h. c. 20 cm.; d. c. 36 cm.

Frags. of vessels of unidentified type; 3 examples:
14-3-57 c: thick brown ware; frag. of a rim of basin (?).
14-3-57 d: BrW; frag. from rim of small bowl.
14-3-57 g: RBrW, wet smoothed; rim of basin with moulded rim.

SUMMARY OF POTTERY:

Group A: type II b, 2; total 2 examples.
Group B: type LI, 1; LV, 5; LV b-m, 4; LVI, 5; LVIII, 2; total 17 examples.
Group C: type XXXII, 5; total 5 examples.
Group D: type XXXV, 4; XXXVI, 3+; XXXIX, 2; LXXV, 3; LXXVI, 2; LXXIX, 38+; total 52+ basins of which 38+ were small models.

Unidentified vessels, 3 vessels.

Sum total of vessels, 79+; 76+ of identified types and 3 unidentified.
Total types identified, 13 types.

Later Constructions:

G 4721: built against the south end of G 4730 in avenue north of G 4720; medium mastaba of u-masonry with interior chapel of type (7 b); between this and G 4720 were found frags. of granite pair (two men) seated (14-2-15); uninscribed; and the top of an alabaster head-rest (14-2-14) probably from plundered shaft of G 4721; in the shaft a sealing of Nefer-ta-ra (Hr Nfr-wr) and 4 canopic jars.

G 4722: built in street east of G 4720 against the back of G 4820; leaving a passage between G 4720 and G 4722.

G 4724: a single shaft against the east face of G 4720 near NE corner.

G 4725: a small mastaba built against the north end of G 4722.

G 4820: row 2, line 8.

See Map 6 and Fig. 315 (shaft).


Mastaba: core type IV-i; not cased; 23.9 x 10.3 cm.; area, 246.17 sq. m.; prop. 1/2.32; h. 4.4 m., 4 courses.

Chapel: the street east of G 4820 was covered with a layer of hard packed debris thrown from a shaft (G 4820 A or G 4930); this layer had been levelled off and on it later constructions were built, in particular the mastaba G 4821 at the north end; at the south end of the street opened the doorway (facing north) of G 4813; on excavating this hard debris (January 19th, 1915), a rubble chapel was exposed towards the south end of the core and south of it an unintelligible c.b. wall (E-W).

Exterior one room rubble chapel of type (1 d) south of middle of core:
(a) N-S offering-room, 4.05 x 1.7 m.; area, 6.89 sq. m.; prop. 1/2.38; with face of core exposed in west side; no niche; entered from east by doorway in south end of east wall.

Shaft G 4820 A: sole shaft; 2.05 x 2.05 m.; lined with massive masonry, 4.6 m.; 7-8 courses; rock-cut smaller shaft in SW corner; 1.5 x 1.5 m. at top contracting to 1.0 x 1.1 m.; -3.7 m. in rock; lower part of shaft and chamber irregularly cut in bad rock.

Chamber: type 6 b irregular; on south; c. 2.1 x 1.4 m. and 1.3 m. high; area, c. 2.94 sq. m.; capacity, 3.82 cu. m.

No trace of burial or equipment found.
Later Constructions:

G 4821: built around the NE corner of G 4820, partly against its east face and partly against its north end and extending north to abut on the south end of G 4830 and G 4833.

G 4822: no mastaba preserved but three shafts west of G 4821 and south of G 4830; large quantity of potsherds of good types were found in shaft B but were undoubtedly intrusive.

6. The last addition of five mastabas: G 4310–4710.

G 4310: row 1, line 3.

See Map 6 and Fig. 316 (shaft).

Mastaba: core type IV–i, not cased; 24.0 x 9.5 m.; area, 228.0 sq. m.; prop. 1/2.52; h. 4.1 m.; 5–6 courses.

Chapel: probably an exterior c.b. chapel, but no trace remains; one niche is cut in the massive core masonry towards the north end of the east face, at 5.79 m. from the NE corner; a simple niche with drum and architrave, 11 cm. wide and 4 cm. deep; the height is 1.1 m.; not inscribed; against the east face south of the niche stands a small composite mastaba of later date, G 4312, which extended to near the SE corner of the core.

Shaft G 4310 A: sole shaft; 1.05 x 2.2 m.; lined with masonry above, 4.2 m.; 6 courses; smaller rock-cut shaft in SW corner; 1.4 x 1.35 m.; -5.0 m. in rock; two chambers.

Chamber (1); at 2.4 m. in rock; type 6 b (1); on south; 1.8 x 1.05 m. and 1.05 m. high; area, 1.9 sq. m.; capacity, 1.99 cu. m.; found open and empty.

Chamber (2); at 5.0 m. in rock; type 6 b (2); on south; 1.65 x 1.15 m. and 1.0 m. high; area, 1.89 sq. m.; capacity, 1.89 cu. m.
Blocking: exterior leaning wall set in plaster; blocking type IV b (1).
Coffin: plain wooden coffin with krsit lid; outside, 1.5 x 0.62 m. and 0.5 m. high; h. of krsit lid, 0.22 m.
Burial: skeleton, half contracted, head north and face east; wrapping entirely decayed.
No objects found.

G 4410: originally core of type IV-a in row i, line 4.
See Map 6 and Figs. 317 (shaft), 318 (objects).
See Pl. 71 b-f.


Mastaba: in place of an old core and perhaps reconstructed from its blocks of stone; reconstructed mastaba of type IX a (1) with retaining walls of large blocks of grey nummulitic limestone (with sloping faces partly dressed); 22.75 x 9.8 m.; area, 220.25 sq. m.; prop. 1/2.33; h. 3.8 m.; sloping batter.

Chapel: exterior chapel of type (8 g) built of u-masonry contains a N-S offering-room with serdab behind its south wall and an exterior c.b. room.

(a) N-S offering-room with one stela at south end of west wall; 5.1 x 1.55 m.; area, 7.91 sq. m.; prop. 1/3.29; entered from east from room (b), by doorway in north end of east wall; in the NW corner was a c.b. compartment containing two small limestone statuettes:
15-12-46: w. lst.; perfect (remains of colour); h. 38.5 cm.; w. 22.5 cm.; inscribed on left side of basis, imy-rs šīr N-ḥpš-nwas (Ne-hpses-nesuwt); on right side, ḫm-hḫ N-ḥpš-nwas; short wig, ears covered; right hand closed and left open on thighs. Pl. 71 d (in situ), Pl. 71 e.
15-12-47: w. lst.; in three pieces, complete; seated man; short wig (not ridged), ears covered; right hand closed and left open on thighs; colour on body; face damaged; on right side, facing to right; Tšt-rḥḥ: h. 28.0 cm.; w. 11.5 cm. Pl. 71 d (in situ), Pl. 71 f.
15-12-48: pottery bowl found in debris of chamber.

(b) exterior corridor of c.b., built around doorway to (a), filling the angle between room (a) and the serdab; 5.25 x 1.7 m.; area, 9.44 sq. m.; entered from north; doorway to (a) on west.

Total area (a) and (b), 17.35 sq. m.

Subsidiary north niche: cut in mastaba façade, north of chapel.

Serdab: large E-W serdab in masonry south of room but extending eastwards; 1.0 x 4.6 m.; area, 4.6 sq. m.; lined with masonry preserved to a height of about 1 m.; this serdab, found empty, was intended for statuettes of the owner of G 4410; the two small statuettes in the offering room deposited later represent figures of two funerary priests; slot opening in middle of south wall of (a) leads to serdab.

Shaft G 4410 A: sole shaft; 1.7 x 1.6 m.; -1.9 m. in rock; lined above with massive masonry, 3.8 m.; 6 courses.
Chamber: type 4 b (1); on south; 3.55 x 3.0 m. and 1.95 m. high; area, 10.65 sq. m.; capacity, 20.76 cu. m.
Passage: 0.9 x 1.6 m. and 1.95 m. high.

Blocking: interior rough stone set in mud; type II c (2); upper part penetrated by thieves.
Coffin: white limestone coffin with krsit lid; outside, 2.6 x 1.02 and 0.75 m. high; height of krsit lid, 0.2 m.; inside, 2.0 x 0.5 and 0.55 m. deep; standing N-S along west wall of chamber; well-dressed surfaces.
Built canopic receptacle: in SE corner, partly destroyed; outside, 0.8 x 1.2 m. and 0.45+ m. high.
Burial: plundered and bones (including skull) scattered.
On the floor in thieves' debris were scattered a leg bone of an ox, copper models, potsherds, &c.

Miscellaneous Objects:

15-12-49: mud (sealing clay); box sealing with imprint of string on flat bottom; 2 frags., about 1/5th of seal; impressed with cylinder seal; impressions damaged but clearly legible in two places is a rectangular frame (not a Horus frame) containing the name "Tr-Mr.t", the Horus name of Weserkaf; perhaps to be read "Ht-Tr-mr.t"; dates the burial to Weserkaf or later.

15-12-50: faded faience: beads from necklace:
(a) 39 short cyl. beads; length, 5-13 mm.
(b) 2 ring beads.
(c) one end piece, 2.7 × 3.1 mm.

15-12-51: gold: few frags. of crumbled leaf.

15-12-52 to 58: copper: models, tools, and implements:
(52) adze, in 3 pieces; length about 5.5 cm.
(53-56) 4 drills; length, 4.1-5.5 cm.
(57) model of vessel with spout; frag. length of spout, 3.5 cm.
(58) about 40 frags. of model implements and vessels.

15-12-59: sandstone: upper part of a plummet; h. 4.1 cm.

15-12-60: white plaster, painted yellow; covers of model granary jars; 10 examples; each made of two pieces stuck together; h. 3.7-4.4 cm.; d. 2.2-3.3 cm.

15-12-61: w. lst.; 4 canopic jars with domed lids; h. 24.6-26.4 cm.; d. 17.3-19.4 cm.; (a) h. 24.6 cm.; d. rim, 14.8 cm.; d. max. 17.3 cm.; d. base, 10.6 cm.; (b) h. 26.4 cm.; d. rim, 15.4 cm.; d. max. 17.4 cm.; d. base, 10.8 cm. Photo. B 3982 (2/1-4). Fig. 318.

15-12-62: alab.; model one-handled jug with unpierced handle; type S-XIV b; h. 6.4 cm.; d. rim, 3.6 cm.; d. shoulder, 5.6 cm.; d. base, 2.8 cm.; w. with handle, 5.2 cm. Fig. 318.

15-12-63: two halves of a bivalve shell (one decayed); length, 10.5 cm.; w. 6.5 cm.
POTTERY.
Group B: flat-bottomed jars:
Type B-XVIII a: slender jar with roll rim on mouth and narrow flat base; 1 example:
15-12-65: RP; h. 23.4 cm.; d. rim, 8.8 cm.; d. body, 13.4 cm.; d. base, 2.6 cm. Fig. 318.
Type B-LIV: two-handled oil-jar; special ware; 1 example:
15-12-67: special ware; incomplete; h. 38 cm.; d. rim, 10 cm.; d. neck, 7 cm.; d. body, 20 cm.; d. base, 8.5 cm.; w. with handles, 24 cm.
15-12-69: plaster stopper probably from 15-12-67; with imprint of saucer (upside down) on lower surface; h. 5.0 cm.; d. max. 13.0 cm.

Group D: flat-bottomed basins and bowls:
Type D-LXXVI b: bent-sided bowl with flat bottom; 1 example:
15-12-66: RP; h. 14.5 cm.; d. rim, 30.6 cm.; d. bend-line, 26.6 cm.; d. base (slightly convex), 8.4 cm.; h. upper part, 6.3 cm. Fig. 138.
Type D-LXXIX: RW; model basins with straight sides, spreading; 8 examples:
15-12-64: RW; 8 examples, 5 complete; (a) h. 2.7 cm.; d. max. 6.8 cm.; d. base, 4.2 cm.; (b) h. 2.5 cm.; d. max. 6.4 cm.; d. base, 4.6 cm.; (c) h. 1.6 cm.; d. max. 4.3 cm.; d. base, 3.0 cm. Fig. 138.

SUMMARY OF POTTERY:
Group B: type XVIII, 1; LIV, 1; total 2 jars.
Group D: type LXXVI, 1; LXXIX, 8; total 9 examples.
Sum total, 11 vessels, of which 8 were models; total types, 4.
Remains of mummy and meat offerings:
15-12-68: frags. of plaster; white plaster which had been laid over wood in some cases and over cloth in others; probably from mummy and coffin; largest pieces, 3.0 x 2.8 cm.
15-12-81: skull with jaw-bone attached.
15-12-82: upper leg bone of ox.

Later Constructions:
G 4411 = LG 51: built between G 4410 and G 4420 projecting into street to east.
Excavated: April 19th-25th, 1914.
See Map 6 and Fig. 319. Pl. 72 a.
Owner: Sekhem-ka, hr-hb, hry ltr, hm ntr Hr Thm(w?) ktr-t, tw ltr.
Mastaba: type VIII a; 3.75 x 10.65 m.; area, 39.93 sq. m.; projection: 8.3 x 3.35 m.; area, 27.81 sq. m.; total area, 67.74 sq. m.; E-W mastaba; h. 4.8 cm. of grey nummulitic block.
Chapel: two-room interior chapel:
(a) N-S offering-room of white limestone; with two ka-doors in west wall; 2.2 x 1.01 m.; area, 2.22 sq. m.; prop. 1/2;18; relation, 1/17.43; entered from east from (b) at north end of east wall.
(b) vestibule, N-S corridor; 4.6 x 1.45 m.; area, 6.67 sq. m.; entered from east by door in middle of east wall: nummulitic limestone; doorway to (a) in middle of west wall.
Total area (a), (b), 8.89 sq. m.; relation 1/3.11.
Decoration of Chapel: the entrance to room (a) was decorated, architrave, drum, and two door-jambs (now in Berlin Museum); the rest of room (a) was not decorated: room (b) except for the door to (a) was not decorated.
Architrave (Lepsius, Denkmäler, Pl. 89 b): two horizontal lines facing to right with seated figure on left end facing to right; left hand on tie of panther skin and right clenched on thigh: (1) di mnw mtp ti lpyy sh nfr knt-t-f (m) smyt inmt-t itjo nfr wrr nb imnh ht nfr t, (2) pr-f hsw n-f wrp npt Djwty tpy wrp Wrr rrk pr-f Mm nfr rr nb nb hry-hb, hry sht; and vertically in front of figure hry-hb šIm-hs.

Drum: hry-hb šIm-hs.

North door-jamb (Lepsius, Denkmäler, Pl. 89 c; Steindorff, Kunst der Ägypter, Pl. 196): large figure of man standing with staff and wand facing out; full wig, broad necklace, hry-hb sash; short skirt with pleated back; chin beard; between man and staff stands naked boy facing to right holding staff with left hand; side-lock and broad collar, labelled, sf-f Mm-nw-hs(f); above beside the drum, five vertical lines: (1) hry-hb, hry sht n, (2) hmr nfr Hr Tmw(r?) knt-r, wr ldt, (3) roughly blocked in, tbr mrrt nb-f nr nb, (4) imnhw n nb-f, (5) nb imnh ht nfr t and in front of face šIm-hs. In front of man, two registers of small figures: (I) figure standing facing to left holding papyrus in both hands, labelled above rdlt s t hr; (2) two figures standing facing to left: (a) with ewer and basin, hmr kr tr n N-sm-nw (cf. statuette found in chapel of G 4410); (b) with wicker basket on shoulder, hmr kr... (two daggers in case), hmr kr Ttw (identical with owner of G 4420, see Fig. 308).

South door-jamb: outer part destroyed; large standing figure facing out to left, with staff and wand; short wig, broad collar, panther skin over short skirt; between staff and man a small naked girl with right hand on breast and left hand hanging... (is)-f Hnt-ksw-r; above five vertical lines with titles as on north with the addition of 'wɔb-priest of Tnptw' in place of 'priest of Horus' and wr ldt.

Serdab: small E-W serdab behind south ka-door of room (a) and connected with it by slot; 0.85 x 1.15 m.; area, 0.94 sq. m.; found empty.

Shaft G 4411 A: one shaft west of chapel against south end of G 4420; 1.3 x 1.35 m.; -5.9 m. in rock; lined with masonry on east, south, and west, 4.8 m.; 14 courses.

Chamber: type 4 b (1); on north (slightly askew); 3.2 x 2.45 m. and 2.0 m. high; area, 7.84 sq. m.; capacity, 15.68 cu. m.

Passage: 1.0 x 1.05 m. and 2.0 m. high.

Blocking: completely removed.

Coffin: white limestone coffin without lid; outside, 2.35 x 0.77 and 0.72 m. high; inside, 2.0 x 0.42 m. and 0.46 m. deep.

Completely plundered.

G 4411 was closely connected with G 4410; the position of G 4411 shows that it may have been built as an addition to G 4410; the hmr-kw Ne-shepes-nesuwt appears on the north door-jamb of G 4411 chapel and on a small statuette in the offering-room of the room of the chapel of G 4410, which was of u-masonry and later in date than the masonry used in G 4411, which was nearly contemporaneous with the masonry of G 4410; each mastaba has a shaft with large burial-chamber, both of the same type 4 b (1), each containing a white limestone coffin; the chamber in G 4410 is a little larger; they appear to have been made by the same workmen; the larger size of the chamber in G 4410 indicates that he or she was the more important person. Thus G 4410 may have belonged to an unnamed person and G 4411 to his son, or alternatively, G 4410 may have belonged to Sekhem-ka and G 4411 to his wife: I consider the latter suggestion as more probable and would reconstruct the stages in the building of the two mastabas by Sekhem-ka as follows:

(1) He reconstructed the old core G 4410 into a mastaba of type IX a (1) with one shaft.

(2) He built G 4411 of nearly the same masonry as an addition containing the shaft intended for his wife; in this he made an interior chapel of white limestone, of which the doorway was decorated in his name, probably intended to serve for the funerary services of himself and wife.

(3) He added an exterior vestibule corridor of nummulitic limestone to the offering-room of G 4411; left undecorated.

(4) Finally he or some one else constructed the exterior stone chapel against the east face of G 4410 and cut the subsidiary niche in the north end of the façade of that mastaba; the serdab of that chapel is much larger than that in G 4411.

I thus conclude that the chapel of G 4411 was constructed to serve the funerary services of both persons buried in the complex mastaba: that Sekhem-ka was buried in shaft G 4410 A and his wife in G 4411 A.
It is to be noted that the *hm-kt Tw* represented on the north door-jamb of G 4411 may be identified with the Tetuw of G 4420; in that case the use of G 4420 by Tetuw was later than the burials in G 4410 and G 4411, and this conclusion is borne out by the type and small size of the burial-chamber and by the cheap finishing of the old core. The names and titles of both Ne-shpese-nesuwt and Tetuw were apparently incised later than the reliefs in G 4411.

G 4510: row 1, line 5:
See Map 6 and Figs. 320 (shaft), 321 (objects).
See Pl. 72 b.

Excavated: January 17th and December 11th-12th, 1915.
Mastaba: core type IV-i; not cased; 23.5 x 10 m.; area, 235.0 sq. m.; prop. 1/2.35; h. 3.7 m., 3-4 courses.

Chapel: the usual place of the chapel is taken by a N-S passage which gives a circuitous entrance to the chapel of G 4516; the street is filled by later mastabas, but on the west side underneath were exposed older rubble walls belonging to a rubble chapel of type (1 d), partly destroyed:
(a) N-S offering-room appears to have been against the middle of the east face of the mastaba; about 4.75 x 1.4 m.; area, 6-65 sq. m.; prop. 1/3.39; entered from east by doorway in north end of east wall.

There are two other low-lying walls which could not be identified and may not belong to the chapel.

Shaft G 4510 A: sole shaft; 2.0 x 2.15 m.; lined with massive masonry 3.7 m.; 6 courses; smaller rock-cut shaft in SW corner; 1.55 x 1.5 m.; -4.2 m. in rock.

Chamber: type 6 b (1); on south; 3.0 x 1.9 m. and 1.45 m. high; area, 4.8 sq. m.; capacity, 6.96 cu. m.

Blocking: exterior leaning masonry wall bound with mud; type IV c (2); broken by thieves.

Plundered: a small number of objects scattered in thieves' debris partly in shaft and partly in chamber.

15-12-34: w. let.; ear of life size from a portrait head of a statue; back dressed flat to fit side of head; h. 6.9+ cm.; w. 3.8 cm. Fig. 321.
15-12-35: alab.; model collar jar, dummy; type S-XVI a-m; h. 7.2 cm.; d. top, 2.3 cm.; d. collar, 2.5 cm.; d. body, 3.6 cm.; d. base, 1.8 cm. Fig. 321.
15-12-36: alab.; model bowl with flat bottom; type S-X a (1); h. 1.6 cm.; d. 5.2 cm.; d. base, 1.0 cm. Fig. 321.
15-12-37: flint flake; length 7.2 cm.; w. 1.9 cm. Fig. 321.
15-12-38: copper; model blade with both ends rounded (butt wider than tip); two disconnected ends; length, 8.0 + 4.8 = 12.8+ cm. with a probable length of c. 20 cm.; w. butt 1.8 cm.; w. near tip, 0.6 cm. Fig. 321.
15-12-39: copper; model saucer; d. 12.2 cm.
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15-12-40: w. lst.: irregular ball with scratched surfaces: h. 7.6+ cm.; d. 8.2 cm. Fig. 321.

15-12-41: BrW; model collar jar, type B-LVI a; h. 7.9 cm.; d. top, 3.6 cm.; d. collar, 4.2 cm.; d. body, 4.6 cm.; d. base, 3.0 cm. Fig. 321.

15-12-42: BrW; degenerate model jar, type B-XLIX b; h. 7.5 cm.; d. collar, 3.6 cm.; d. body, 4.2 cm.; d. base, 3.4 cm. Fig. 321.

15-12-43: RW; 2 models of neckless shoulder-jar, type B-LV b-m; h. 5.4 cm.; d. rim, 3.6 cm.; d. max., 6.0 cm.; d. min., 2.6 cm.; d. base, 3.2 cm. Fig. 321.

15-12-44: RW; 2 model saucers of type LXXIX a.

15-12-45 a: RP; frags. of two or more large basins with tubular spout, type D-XXXV a; d. 30-40 cm.

15-12-45 b: RP; round-bottomed bowl with high recurved rim; type C-XXXII b; d. 20 or more cm.

Later Constructions:

The street, the avenue, and the space south of G 4510 are occupied by small and medium mastabas of the secondary cemetery; the street east of G 4510 is divided by an E-W wall faced with u-masonry on the south, which crosses the street from west to east just south of the rubble chapel of G 4510.

North of this cross wall stand, from south to north, G 4515, G 4514, and against the north end of G 4510 stands G 4518 and west of it G 4511.

South of the cross wall ran an E-W corridor, probably roofed, which in the east end connected with the N-S corridor of G 4516 and on west entered another N-S corridor extending to the end of G 4510, where it entered the chapel of G 4513; this corridor was certainly roofed. Thus the chapels of G 4516 and G 4513 were clearly connected and walled off from the northern area.

South of the cross wall stand G 4516 on north and G 4512 on south; G 4517 was built against the south end of G 4512; G 4513 stands west of G 4512, built against the south end of G 4510; with portico chapel opening on a roofed corridor opening into winding corridor giving access to G 4516 and entered from south; G 4519 stands west of G 4513, built against the south end of SW corner of G 4510.

Of the northern mastabas, G 4514 was probably the earliest; all the southern mastabas were separated from this and the other northern mastabas by the cross wall and were certainly late in date; the southern mastabas appear to have been built in the following order: (1) G 4516, (2) G 4512, (3) the cross wall and the connecting passage, (4) addition G 4517 to G 4512, (5) G 4513, and (6) G 4519.

G 4610: row 1, line 6:

See Map 6 and Figs. 322 (shaft), 323 (objects).

See Pls. 72 c-e, 74 a.


Mastaba: core type IV i, not cased; 23.0 x 10.0 m.; area 230.0 sq. m.; prop. 1/2.3; h. 4.15 m., 3-4 courses.

Chapel: the east face of the core is covered with later structures, with G 4612 over the usual place of an exterior chapel; thus no trace of a chapel was found but there was probably a one-roomed rubble chapel of type (1 d).

Shaft G 4610: sole shaft; 2.1 x 2.1 m.; lined with massive masonry, 4.15 m., 5 courses; smaller rock-cut shaft in NW corner, 1.7 x 1.75 m.; -5.15 m. in rock; above the smaller shaft is lined with rubble resting on rock ledge, carried up to a height of 0.95 m. above rock.
Chamber: type 4 b (1); on south; 2.9 x 2.35 m. and 2.2 m. high; area, 7.25 sq. m.; capacity, 15.95 cu. m.; roof irregular, sloping up to south.

Passage: 0.95 x 1.1 m. and 1.3 m. high; rough sloping step down from floor of passage to floor of chamber, 0.45 m. step down from shaft to passage, 0.2 m.

Blocking: interior blocking of two walls of masonry bound with plaster and filled between with rubble; type II b (1); filled upper part broken out.

Coffin pit: along west side; 2.45 x 1.05 m. and 0.65 m. deep; lined on east side with masonry set in plaster.

Plundered: in thieves’ debris, a skull and scattered objects with large group of alabaster models.

Objects: found in thieves’ debris on floor of chamber.

Type S-I d: cylindrical jar with concave sides; 4 examples:

15-11-51: alab.; dummy, rim not clearly marked; 2 examples; h. 4.5 cm.; d. top, 2.6 cm.; d. min., 1.6 cm.; d. base, 2.0 cm.; (b) h. 3.9 cm.; d. 2.3 cm. Fig. 323.

35-4-1 f: alab.; like 15-12-51; (a) h. 4.6 cm.; d. top, 2.2 cm.; d. min., 1.6 cm.; d. base, 2.1 cm. Pl. 74 a (4/3); (b) h. 4.0 cm.; d. 2.2 cm.; Pl. 74 a (4/7).

Type S-XIV b: model one-handed jug with unpierced handle; 1 example:

15-11-52: alab.; h. 5.3 cm.; d. rim, 2.4 cm.; d. body, 3.6 cm.; d. base, 1.8 cm.; w. with handle, 3.8 cm. Fig. 323.

Type S-XV a: model shoulder-jar with neck; 4 examples:

15-11-53: alab.; h. 7.1 cm.; d. rim, 3.0 cm.; d. neck, 2.4 cm.; d. body, 4.6 cm.; d. base, 2.8 cm. Fig. 323.

15-11-55: alab.; h. 7.5 cm.; d. rim, 3.2 cm.; d. neck, 2.6 cm.; d. body, 4.0 cm.; d. base, 2.4 cm.

35-4-1 d: alab.; 2 examples; (a) h. 7.5 cm.; d. rim, 3.4 cm.; d. neck, 3.0 cm.; d. body, 4.4 cm.; d. base, 3.0 cm.; (b) h. 7.7 cm.; d. rim, 2.9 cm.; d. body, 4.9 cm.; d. base, 2.9 cm. Pl. 74 a (4/5, 6), Fig. 323.

Type S-XVI a: model collar jar; 1 example:

35-4-1 e: alab.; h. 7.7 cm.; d. top, 2.2 cm.; d. collar, 2.8 cm.; d. body, 3.6 cm.; d. base, 2.7 cm. Pl. 74 a (4/4), Fig. 323.

Type S-XVI b: model collar jar, slender, on ring-stand; 4 examples:

15-11-52: alab.; 4 examples; h. 5.9-7.1 cm.; d. rim, 2.1-2.6 cm.; (a) h. 6.8 cm.; d. top, 2.1 cm.; d. collar, 1.6 cm.; d. body, 2.0 cm.; h. ring-stand, 1.0 cm.; d. bottom, 1.4 cm. Fig. 323.

Type S-X a (1): model basins with diam. over twice the height; 5 examples:

15-11-49: alab.; 5 examples; h. 1.3-1.7 cm.; d. 3.8-4.8 cm.; (a) h. 1.85 cm.; d. 4.9 cm.; d. base, 1.3 cm. Fig. 323.

Type S-X a (2): model basins with diameter less than twice the height; 19 examples:

15-11-50: alab.; 4 examples; h. 1.9-3.1 cm.; d. 3.0-5.1 cm.; (a) h. 2.9 cm.; d. 3.9 cm.; d. base, 2.0 cm. Fig. 323.
35-4-1 b: alab.; 13 examples: h. 1.4-2.8 cm.; d. 3.1-3.8 cm.; (a) h. 2.8 cm.; d. top, 3.8 cm.; d. base, 2.6 cm. Pl. 74 a (3/1-4, 6, 8-11: 4/1, 2, 8, 9).

35-4-1 c: alab.; 2 examples: h. 2.4 cm.; d. 3.7 cm.; d. base, 2.0 cm.; (b) h. 2.4 cm.; d. top, 3.6 cm.; d. base, 2.2 cm. Pl. 74 a (3/5, 7), Fig. 323.

Type S-X b: model basin with convex sides; 8 examples:
15-11-46: alab.; 8 examples: h. 1.3-2.0 cm.; d. 2.9-4.3 cm.; (a) h. 1.5 cm.; d. max. 3.9 cm.; d. base, 3.1 cm. Fig. 323.

Summary: stone models, alabaster:
Jars: type I d, 4; XIV b, 1; XV a, 4; XVI, 5; total jars, 14.
Round-bottomed bowl: type IX, 35 models.
Basins with flat bottoms: type X a (1), 5; X a (2), 19; X b, 8; total 32 examples.
Sum total of models, 81 examples of which 14 were jars and 67 basins and bowls.
Copper model tools: 8 models (4 chisels, 2 adzes, 1 knife, 1 razor).
15-11-56, 57: copper, 4 models of broad chisel; length, 4.6-6.9 cm.; w. 0.5-0.6 cm. Fig. 323.
15-11-58 a: copper; 2 model adzes; length, 4.6 cm.; w. edge, 4 mm.; w. butt, 4 mm. Fig. 323.
15-11-58 b: copper; model of knife with haft; incomplete; length, c. 1.0-2 cm.; w. max., 1.6 cm. Fig. 323.
15-11-59: copper; rectangular razor with shaft on butt; incomplete; length, 3.8 cm.; w. 2.8 cm. Fig. 323.
Miscellaneous Objects:
15-11-60: gold; frag. of thin gold leaf; 7.5 x 1.2 cm.
15-11-61: BrW; frag. of rim of shallow dish with rim moulded (perhaps type LXIII a); 11.3 x 10.4 cm.

Later Constructions:
The later constructions are dominated by G 4611, a large mastaba of net area 108-8 sq. m.; type VIII c with decorated interior chapel of type (5 a) of man named Nekuty; this mastaba fills the south end of the street east of G 4610 and extends southwards into the avenue south of row 1; the small mastabas, G 4612, G 4613, and G 4614-5 are certainly late in date; all of Dyn. VI.

G 4612: a small stone mastaba built against the east face of G 4610 at south end and against the north end of G 4611.
G 4613: small stone mastaba built against the east face of G 4611 (north of doorway to chapel) and against the south end of G 4710 near SW corner.
G 4614: small stone mastaba west of G 4611 with passage between and built against the south end of G 4610; earlier than G 4512-4516, west of it.
G 4615: small destroyed stone mastaba built against the south end of G 4614.
G 4616: in avenue north of G 4610: small composite mastaba partly of c.b. and partly of rubble; built against the south end of G 4620.

G 4710 = L. G. 49: row 1, line 7; last core in row:
See Map 6 and Figs. 324 (shaft), 325 (objects).
See Pl. 72 f, 73 a-c; 74 b to d, 75 a, b.
Excavated: March 6th-10th, 1914; November 20th-24th, December 4th, 1915.
Owner: Sethuw, simt wty, hry ch, hry slt n pr DwAt, hry sqh bj-nub, hry tp Njh.
Mastaba: core type IV-i, with recess broken out for interior chapel and cased with nummulitic masonry converting the mastaba into type VI a; the core could not be measured; final mastaba, 24.6 x 11.6 m.; area, 285.36 sq. m.; prop. 1/2-12; h. 4.5 m.
Chapel: interior one-niched offering-room of type (3 a) built partly of white limestone and partly of nummulitic (mixed); with subsidiary north niche; with exterior c.b. chapel of type (1 f) containing three rooms (b-d). (a) N-S offering-room of type (3 a); 3.15 x 1.15 m.; area, 3.62 sq. m.; prop. 1/2-74; relation, 1/78-82; with niche near south end of west wall; entered from east from room (b) by doorway in north end of east wall; decorated in relief.
(b) in c.b.: large N-S hall around doorway embrasure of room (a); 4.55 x 2.6 m.; area, 11.83 sq. m.; entered from east from room (c) by doorway in north end of east wall; in SE corner an offering-table with slab removed.
(c) of c.b.: N-S vestibule corridor; 4.3 x 1.6 m.; area, 4.3 sq. m.; entered from east by doorway in middle of east wall; in SE corner, a compound niche facing to west, built later against the east and south walls of the room; doorway to room (b) in north end of west wall; doorway to magazine (d) in north wall.

3 x
(d) of c.b.: E–W magazine north of rooms (b), (c); 1.55 x 4.4 m.; area, 6.82 sq. m.; entered from (c) by doorway in east end of south wall.

Total area, (b)–(d), 22.95 sq. m.

Total area, (a)–(d), 26.57 sq. m.

Decoration of Inner Offering-room (Lepsius, Denkmäler, Pls. 86 b, 87; Ergänzungsband, pl. xxvii b):

West wall: south ka-door (Architrave and part of ka-door in Berlin Museum; tablet in the Brooklyn Museum, from the Collection of the New York Historical Society):

Architrave: offering formula, titles and name in short vertical lines: di nswt htp, rdi Inpsw htp, lnty sh ntr, krs, m smyt imnt-t, nb imth, titles and name.

Tablet: Sethuw seated at table of bread facing to right; short wig and long robe; left hand on ties of robe and right extended to table; ideographic list under table; above the table is a row of vertical lines containing the short list and to the right of the tablet are five rows of vertical lines continuing this list; all read from right to left with signs facing to right: upper row, (1) snt, (2) wds, (3) mst, (4) hti-hb, (5) hkw, (6) nkm, (7) sf, (8) htp nswt, and below htp nswt sml. See Pl. 74 b.

Tablet, flange on right (north): woman standing facing to left; lappet wig and long tunic; right hand on breast and left hanging open; labelled hm nfr hT-hr, hm nfr Nt wpt wmt mht-t lnw, rht nswt Nb-htp, wife of Sethuw.

Tablet, flange on left (south): two figures; above a naked boy with finger to mouth, standing facing to right, labelled, rh nswt s-f Stw; below, a girl stands facing to right, with left hand on breast and right hanging, labelled, rht nswt Ph-hp-hb.

Crossbar: signs facing to right: di nswt htp Inpsw lnty sh ntr krs m smyt imnt-t nb imth lwo nfr wryt tysi htr or nb hb (nb) ..., snt, htp ch Stw.
Drum: šmr waty, ḫrp ch, ḫry ššr n pr dwst, ḫry wdbḥ hṭ-nḥ štw.

Inner niche not decorated.

Back of outer niche: on left (south); Sethuw standing facing in to right, with staff and wand; short wig, short skirt; amulet on neck; above, titles and name in three short vertical lines.

Back of outer niche: on right (north); wife standing facing in to left with right hand on breast and left hanging open; lappet wig and tunic; above, titles and name in four vertical columns: (1) ṣḥt nḫšt, (2) ḫm nfr ḫt-ḥr, (3) ḫmr nṯr Nt, (4) Nh-tḥt; in front of her, small naked boy facing to left, st-fr n ḫt-f štw.

Side of outer niche: on left (south); vertical row of three men, standing in respectful attitudes facing in to right: (1) arms folded on breast, sš sn-nḥ tḥt; (2) with arms crossed on breast; (3) with arms hanging at sides.

Side of outer niche: on right (north); three standing men in vertical row, facing in to left; (1) censing, ḫpr śmfr; (2) man leaning over and holding cup (?) over basin on stand; (3) man in similar attitude to (2).

West wall: north of ka-door; presentation scene (Pl. 75):

Large standing figure of Sethuw at north end of wall facing to left; with staff and wand; short wig, short skirt and panther skin; inscribed above in three short vertical lines: šmr waty, ḫrp ch, ḫry tḥ Nhḫ štw.

To the left of Sethuw, four registers of figures facing to right: (1) two scribes, three men bringing animals, and ten estates, alternately female and male; the register continues to the south over the architrave of the niche (now missing); names of estates not given; (2) two men making libation or purification with water; three men bringing food-offerings; (3) man heads a procession of five others bearing mainly personal equipment; (4) four men carrying live birds, three carrying young animals, and the eighth man a ewer and basin.

North, south, and east walls: not decorated.

Door-jamb on north (upper part now destroyed, Pl. 74 c, cf. Lepsius, l.c., Pl. 86 b): Sethuw seated at table of bread facing out to right; short wig, collar and long robe; left hand on shoulder tie and right hand extended; above five vertical lines: (1) ḫmr ḫḥ ḫr-ḥrw ṣ nb ḫβ nb, (2) ḫḥḥtj ḫṯ ḫḏd . . . nṯ, (3) ḫḥ ḫṯ-Mnw ṯḥ th, (4) šmr waty ḫry ššr pr dwst, (5) ḫrp ch štw; under table ideographic list (bread, beer, and cakes, head of oryx and calf, ointment and linen). To the right of the table two registers:

(1) one standing figure facing to left in ḫry-ḥrw attitude, labelled ḫry-ḥrw ṯḥ iht (det. bread, beer, and cakes).

(2) two figures: (a) kneeling on left knee with right arm raised, bent at elbow and fist clenched, šmnt ḫḥ ṯḥ tḥ; (b) kneeling on left knee, holding out a cake in right hand and a ṭḥ-ḫpw in left, ṭḥpw ṭḥnt ṭḥy šr.

Door-jamb on south (upper part now destroyed, Pl. 74 c, cf. op. cit., Pl. 86 d): Sethuw seated at table of bread facing out to left; short wig, collar, and ḫḥ-ḥb sḥḥ; short skirt; above four vertical lines, facing to left; (1) ḫmr ḫḥ ḫḥ-ḥrw as on north, with shorter list of festivals; under table ideographic list (bread, beer, cakes, ointment and linen, head of bull, calf, and two birds); on the left of the table a small figure standing facing to right, holding out basin in right hand and holding a pellet of natron (?) between fingers of left hand over the basin.

Drum over entrance doorway (now missing): in seven vertical lines: (1) šmr waty ḫrp ch, (2) ḫry śšr, (3) n pr dwst, (4) ḫry ḫḏ Nḥḥ, (5) ṭḥtš, (6) ḫr ḫβ-f, (7) štw.

Architrave over entrance (now missing): on left end (south) seated figure facing to right with left hand on breast and right hand half extended; short wig, long robe (?) offering formula in sixteen vertical lines: (1) ḫmr ḫḥ ḫḥ-ḥrw, (2) ḫḥḥtj ḫṯ ḫḏd nṯ, (3) ḫḥ ḫḥ, (4) ḫmr ṭḥn nṯ nṯm nṯn, (5) ḫmr ṭḥn ṭḥ, (6) ḫmr ṭḥn ṭḥ, (7) ḫmr ṭḥn ṭḥ, (8) ḫmr ṭḥn ṭḥ, (9) ḫmr ṭḥn ṭḥ, (10) ḫmr ṭḥn ṭḥ, (11) ḫmr ṭḥn ṭḥ, (12) ḫmr ṭḥn ṭḥ, (13) ḫmr ṭḥn ṭḥ, (14) ḫmr ṭḥn ṭḥ, (15) ḫmr ṭḥn, (16) štw.

Shaft G 4710 A: sole shaft; 2.05 × 2.05 m.; contracting to 1.7 × 1.7 m.; at bottom; -8.9 m. in rock; lined above with massive masonry, 4.5 m.; large and small blocks irregularly set.

Chamber: type 4 a (2) x; on south; 3.1 × 3.6 m. and 1.6 m. high; area, 11.16 sq. m.; capacity, 17.85 cu. m.

Passage: 1.25 × 1.2 m. and 1.25 m. high on shaft side and 1.65 m. on chamber side owing to sloping floor.

Blocking: interior rough stones and rubble set in plaster type II cd (?) apparently removed by thieves.

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Passage: 1.25 × 1.2 m. and 1.25 m. high on shaft side and 1.65 m. on chamber side owing to sloping floor.

Blocking: interior rough stones and rubble set in plaster type II cd (?) apparently removed by thieves.
Coffin: along west side; white limestone coffin with flat lid (type d): outside, 2.0 x 0.73 m. and 0.6 m. high; inside, 1.8 x 0.53 m. and 0.5 m. deep; height of lid, 0.09 m.

Canopic pit: in SE corner, partly built and partly sunk in floor; 0.9 x 0.75 m. and 0.6 m. deep (—0.2 m. in rock).

Plundered: objects scattered on floor; frags. of human bones found in hard dust in coffin.

Objects: found intrusive in shaft:
14-3-17: alab.; frag. of foot of statuette; 8.1 x 5.0 x 3.5 cm.

Objects: found in thieves' debris partly in shaft and partly in chamber:
14-3-18: w. lst.: ear from head ('reserve-head' or statue), dressed flat on back, possibly attached with plaster; h. 6.9 cm.; w. 3.5 cm.; thickness, 2.0 cm. Found in chamber. Pl. 69 f. Fig. 325.

Pottery:

Group A:
Type A-II b: large wine jar; frags. of 1 example:
14-3-9: WSR: frag. from neck and top of body.

Group B: type B-LV b: neckless shoulder-jar; 2 large examples:
14-3-5: RP: 2 examples; h. 26.6 cm.; d. rim, 14.8 cm.; d. shoulder, 20.0 cm.; d. base, 10.2 cm. Fig. 325.

Group C:
Type C-XXVII: shallow dish with rim widened, flat on top; 2 examples:
14-3-8: BrW; frags., 2 of rim.
14-3-12: BrW; frag. of another deeper dish.

Type C-XXXII a: round-bottomed bowl with recurved rim; frags. of one or more:
14-3-6: RP; frags. of one or more.

Type C-LXI e: bowl with plain rim; 1 example.
14-3-7: RBrW; wet smoothed; frags. including rim.

Group D:
Type D-LXXIX a: model basins, shallow; 40 examples (20 incomplete):
14-3-10: BrW; 40 examples; h. 1.5-2.4 cm.; d. 5.9-6.9 cm. Fig. 325.

Summary of Identified Types:

Group A: type II b, 1; total 1 jar.

Group B: type LV, 2; total 2 jars.

Group C: type XXVII, 2; XXXII, 1+, LXI e, 1; total 4+ examples.

Group D: type LXXXIX, 40; total 40 model basins.

Sum total, 47+, of which 3 are jars, 4+ bowls, and 40 model basins; total types 6.

Unidentified pottery vessels:
14-3-11: RP; frags. of jar of type A-VI or B-XVII.
14-3-13: RW; frag. of rim perhaps type A-IV.
14-3-14, 15: 21 small frags. of various wares.

Later Constructions:

G 4711: a medium mastaba of z-masonry built against the east face of G 4710 north of chapel with passage left between it and north end of exterior c.b. chapel.

The core G 4810 was never built and the site east of G 4710 and G 4711 is occupied by a complex of mastabas numbered G 4811-4813; southwards the secondary cemetery is continued with small obscure mastabas, partly destroyed, numbered G 4814-4818.

West of these southern mastabas and south of 4710 and its exterior chapel stand two medium-sized mastabas on independent sites, G 4712 and G 4714; G 4712 belonged to a Queen Ne-ma'at-hap; G 4714, immediately cast of G 4712, belonged to a Princess (st nswt nt Xr-f) Nefer-hetep-s; I would date both mastabas to Dyn. V between Neferirkara and Neweser or a little later, that is after G 4710 and before the complex G 4811-4813; against the cast face of G 4714 north of the exterior c.b. chapel was built a small mastaba (G 4715) of a person related to Princess Nefer-hetep-s.

G 4712: a small destroyed mastaba with its SE corner overbuilt by G 4712.

G 4713: obscure rubble construction built against the north end of G 4714 and the back of G 4811; later than either.