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35-8-21: RP; incomplete; h. 8-2+ cm.; d. rim, 30 cm. Photo. B 8596 (3/3). Fig. 283.
35-8-22: RP; rim frags. of 2 or 3 more bowls.

Group D: flat-bottomed basins and bowls:
Type D-XXXV a:
35-8-7: RP; spout missing; incomplete; h. 36-4 cm.; d. rim, 40-6 cm.; d. max. 43-6 cm.; d. base, 12-4 cm.
Photo. C 13652. Fig. 283.
Type D-LXXII c (?)
35-8-22 c: BrW; bowl with open spout (?). Fig. 283.

SUMMARY of vessels of identified types from G 5020-annex-shaft:
Group A: type II b, 5; LI c, 2; total 7 examples.
Group B: type LIV, 2; total 2 examples.
Group C: type XXVII, 1; XXX, 2; XXXII, 6+; total 9+ examples.
Group D: type XXXV, 1; LXII, 1; total 2 examples.
Sum Total of vessels of identified types, 19+ vessels in 8 types.

G 4340: row 4, line 3:
See Map 6 and Figs. 284 (shaft), 285 (objects).
See Pls. 48 d-f; 49 a, b; 53 b; 58 a; 59 a, c, g.
Owner: no name preserved; reserve head shows a face different from Sneferu-seneb, but similar to heads found by Junker.

Excavated: October 15th-22nd, 1913.

Shaft G 4340 A: 1.98 x 1.98 m.; -9.2 m. in rock; lined above with massive masonry, 5-0 m.; 6 courses.
Chamber: type 2 cr (ramp); lined but not paved; on south; lined chamber, 3.3 x 3.3 m. and 2.64 m. high; area, 10.89 sq. m.; capacity, 28.75 cu. m.; rock chamber, 4.0 x 4.05 m. and 2.64 m. high; area, 16.2 sq. m.; capacity, 42.82 cu. m.

Blocking: interior white stone masonry set in plaster, broken through upper part; with portcullis slab, leaning to north, 1.9 m. high, 1.4 m. wide, and 0.28 m. thick; type I b (r).
No remains of coffin.
No canopic pit.
Burial: headless mummy found in the SE corner; probably extended burial; with limbs wrapped separately with coarse linen covered with fine linen.
Fig. 285
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Objects: found in thieves' debris, in bottom of shaft:
13-10-69: white limestone portrait head (reserve-head); ears missing, but set on with pegs. Photo. C 5286-5296.

Pis. 48 e, 53 b.
13-10-16 to 18: flint; 3 flakes; 2 rounded flakes and 1 irregular flake:
(18) length, 10.1 cm.; width, 2.3 cm.; thickness 0.8 cm. Photo. B 2094 (1/4). Fig. 285.
(17) Irregular; 6.5 x 3.8 cm.; thickness 0.8 cm. Photo. B 2094 (1/2). Fig. 285.
(16) length 10.4 cm.; w. 2.6 cm.; thickness 1.0 cm. Photo. B 2094 (1/3). Fig. 285.
13-10-19: white limestone; lower part of a conical implement (?); perhaps a plummet; h. 5.5+ cm.; convex base, 4.8 x 4.3 cm. Photo. B 2094 (2/1). Fig. 285.
13-10-24: sealing clay (mud); box sealing, with impression of a thumb but not of a seal; 7.1 x 5.0 cm. and 3.5 cm. high. Photo. B 2094 (1/1).
13-10-34: hard dark stone (granite?); flake split off from a large hammer head; 11 x 8.5 cm. and 3 cm. thick. Photo. B 2094 (2/1).

Potsherds listed with those in the chamber:
Objects: found in thieves' debris in chamber:
Alabaster vessels and model vessels:
Type S-IX b (1): model, round-bottomed bowl; 4 examples:
13-10-12 to 15: 4 examples; (a) h. 2.0 cm. x 8.0 cm. (Photo. C 5299 (1/1)); (b) 2.1 x 7.8 cm. (Photo. C 5299 (2/1)); (c) 5.0 x 15 cm. (frags.: Photo. B 2088 (1/1)); (d) 1.9 x 8.6 cm. (Photo. C 5299 (2/1)). Fig. 285.
Type S-X a (1): flat-bottomed with plain rim; 2 examples:
13-10-10: frags.: h. 4 cm.; d. rim, 13.6 cm.; d. base, 4 cm.; with slightly convex sides. Photo. B 2088 (1/2). Fig. 285.
13-10-11: h. 2.7 cm.; d. rim, 10 cm.; d. base, 2.8 cm.; with straight spreading side. Photo. C 5299 (1/2). Fig. 285.
Type S-X a (2): flat-bottomed basins, deep forms; plain rim; 8 examples:
13-10-2: h. 6 cm.; d. top, 6.7 cm.; d. base, 4.3 cm. Pl. 58 a (1/3). Fig. 285.
13-10-3: h. 5.4 cm.; d. top, 6.3 cm.; d. base, 4.1 cm. Pl. 58 a (1/2).
13-10-4: h. 5.2 cm.; d. top, 6.8 cm.; d. base, 5.6 cm. Pl. 58 a (1/1).
13-10-5: h. 5.0 cm.; d. top, 7.0 cm.; d. base, 4.0 cm. Pl. 58 a (1/4).
13-10-6: h. 5.0 cm.; d. top, 6.5 cm.; d. base, 3.5 cm. Pl. 58 a (2/3).
13-10-7: h. 5.3 cm.; d. top, 4.6 cm.; d. base, 3.7 cm. Pl. 58 a (2/2).
13-10-8: h. 4.9 cm.; d. top, 7.4 cm.; d. base, 3.5 cm. Pl. 58 a (2/1). Fig. 285.
13-10-9: h. 4.6 cm.; d. top, 7.3 cm.; d. base, 3.8 cm. Pl. 58 a (2/4).

Pottery: vessels and models:
Group A: round-bottomed jars:
Type A-II b: large wine-jars; fragments of 1 or more examples:
13-10-67 b: DbW (KW); frags. of large jar, with thickness of 7-8 mm.
Type A-IV: traditional offering-jars; frags. only:
13-10-67 c: coarse RW; frags.
Type A-V b: medium jar with short neck and roll rim; 1 example:
13-10-52: RW, red wash; h. 15.8 cm.; d. rim, 6.0 cm.; d. neck, 6 cm.; d. body, 14.6 cm. Photo. B 2092 (1/3). Fig. 285.
Type A-LVI b-m: collar jar with tapering base; 3 examples:
13-10-27: RBrW; pebble smoothed; h. 11 cm.; d. rim, 4.2 cm.; d. collar, 6.0 cm.; d. body, 7.0 cm. Photo. C 5308 (3/2). Fig. 285.
13-10-38: RBrW; smooth; h. 11.8 cm.; d. rim, 3.4 cm.; d. collar, 4.8 cm.; d. body, 6.2 cm. Photo. C 5308 (3/1). Fig. 285.
13-10-41: RBrW; smooth; frag. of base; d. body, 9.0 cm. Photo. C 5308 (3/3).
Group B: flat-bottomed jars.
Type B-XVII c: squat shoulder jar; 1 example:
13-10-26: RP; h. 12.5 cm.; d. max. 12.5 cm.; d. base, 6.6 cm. Fig. 285.
Type B-LIII: one-handed jug; flat bottom; 2 examples:
3 P
Type E-XXI a: bowl table;

Type D-LXXIX a: flat-bottomed shallow models of basins

Type D-LXXIX b: deep basins, models, with straight sides

Type D-XXXIX a: flaring bowl with prolonged rim;

Type D-XXXVI b: with recurved rim (high) and tubular spout

Type C-LXI f: deep narrow bowl with plain rim:

Type B-LVIII: model, barrel jar with cord belt around middle: 3 examples of different forms:

Type B-LV a: neckless shoulder-jar; 8 examples

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

Group C

Type C-LXI d, e, f are all Hetep-heres types.

Group D: flat-bottomed basins and models of same:

Type D-XXXIX a: flat-bottomed shallow models of basins; 1 example:

Did not hallucinate.
DESCRIPTION OF CEM. G 4000

13-10-51: RW, wet smoothed; 4 examples:
(a) h. 8-7 cm.; d. bowl, 13-7 cm.; d. base, c. 10 cm.
(b) h. 9-7 cm.; d. bowl, 14 cm.; d. base, c. 10 cm.
(c) h. 9-9 cm.; d. bowl, 12-4 cm.; d. base, 9 cm.
(d) incomplete.

Type E-XXIV a: tall ring-stand; at least 8 examples:
13-10-48: RBrW; h. 5-2-5-4 cm.; d. base, 5-9-6-4 cm.;
   d. rim top, 5-1-5-3 cm.; 4 examples. Pl. 59 c (2/1). Fig. 285.
13-10-49: RBrW; 2 examples; h. 6 cm. Pl. 59 c (2/5).
13-10-50: RBrW; similar frags. d. max. 5-8-6-0 cm.;
   2 examples.

Group F: traditional ceremonial pots and trays:
Type F-XXV: bread pot ('flower pot'); frags. only.

13-10-67: mud ware; frags. of 'flower pot'.

Pottery vessels of unidentified type; incomplete jars:
13-10-33: RP; upper part of a large jar with neck and
   roll rim; type A VI or B XVII; h. 23-2+ cm.;
   d. rim, 9 cm.; d. neck, 6-4 cm.; d. max. 17 cm.
   Pl. 59 c (2/2).

Group C: type LXI, 5; total 5 round-bottomed bowls.

Group D: type XXXVI, 2; XXXIX, 2+; LXXIX, models 67; total 71+ examples.

Group E: type XXI a, 4 examples; XXIV a, 8+; total 12+ examples.

Group F: type XXV, frags.; total 1.

Sum total of vessels of identified types, 110, of which about 73 were well-formed models; total types, 16.

Later Constructions: against the east face of the mastaba, north of the exterior chapel, stands the mastaba G 4341.

C 4440: row 4, line 4:
   See Map 6 and Figs. 37, 286 (shaft), 76 (blocking), 287 (objects).
   See Pls. 40 c, 54 a, b, 58 g, 59 b, h.

Excavated: November 20th to December 3rd, 1913.

Owner: name not found; by portrait head, undoubtedly a brother of Prince Sneferuw-seneb.

Mastaba: core type IV-I; 22-8 x 9-45 m.; area, 215-46 sq. m.; prop. 1/3-05; h. 5-0 m.
Cased with white limestone (X-masonry), poorly preserved on west and east; probably destroyed; apparent size of cased mastaba, 24.8 x 11.45 m.; area, 283.84 sq. m.; prop. 1/2-17:

Chapel: type (2 b) destroyed except for one block in south wall; remains of exterior c.b. chapel of 3 rooms, of which only room (c) could be measured, 2.35 x 2.65 m.; area, 6.23 sq. m.; room (c) entered from west.

Shaft G 4440 A: sole shaft, original; 2.1 x 2.1 m.; 9.4 m. in rock; lined above with massive masonry, 5.0 m.; 6 courses.

Chamber: type 2 brx (ramp); not lined; on south; rock chamber, 4.35 x 4.05 m. and 2.71 m. high; area, 17.62 sq. m.; capacity, 47.75 cu. m.

Passage: sloping passage with ramp at end inside chamber; passage, 1.14 x 1.15 m. and 1.25 m. high at right angles to slope; ramp, 2.25 x 1.25 m. and 1.4 m. high.

Blocking: interior masonry set in plaster and portcullis slab, 1.6 m. high, 1.3 m. wide, and 0.35 m. thick; with 2 holes through the upper part through the thickness: type I b (i).

Coffin: frags. of white limestone coffin of type d, in shaft and chamber.

Canopic pit in SE corner:

Chapel: type

Objects: found in thieves' debris in bottom of shaft:

13-11-90: white limestone; portrait head ('reserve head'); head of man, originally finished with thin layer of white plaster; life size; found in thieves' debris just below top of leaning portcullis slab with pottery and frags. of coffin. Photos. C 5355-5356 (Pl. 49 a) (in situ), C 5358-5362 (Pl. 54 a).

13-11-91: white limestone portrait head ('reserve head') of a woman (negress); found about 20 cm. NW of 90 with potsherds from chamber wedged between the two. Photos. C 5363-5367 (Pl. 54 b), C 5355-5356 (Pl. 49 a), (in situ).

13-11-100: flint; round-ended razor; length, 10.7 cm.; d. 3.0 cm. Pl. 58 g (1/2). Fig. 287.

The pottery from the shaft is included with that from the chamber.

Objects: found in thieves' debris thrown out from shaft in street east of shaft.

Alabaster Bowls and Table: practical size:

Type S-X c: clear alab.; flat-bottomed bowl with internal rim; 2 examples:

13-11-97: clear alab.; incomplete; h. 8.6 cm.; d. rim, inside, 30.4 cm.; d. max. 33 cm.; d. base, 9 cm. Fig. 287.

13-11-98: alab.; incomplete, thinner than 97 and not so well smoothed; d. c. 30 cm.

Type S-XII b: flat-topped circular table; 1 example:

13-11-99: alab.; clear frag. of top; d. 47 cm.

Potsherds in this dump, listed with those from chamber.

Pottery: found in thieves' debris in dump, in shaft, and in chamber:

Group A: jars with rounded or pointed base:

Type A II-b: large wine-jars; 4 examples:

13-11-117: DbW (KW); base, blade dressed; h. 34.5 cm.; d. rim, 9.9 cm.; d. neck, 6.4 cm.; d. body, 19 cm.

13-11-119: WSR; incomplete; h. 40 cm.; d. rim, 14 cm.; d. neck, 10.8 cm.; d. max. 28 cm. Fig. 287.

13-11-120: WSR; incomplete; h. 36 cm.; d. rim, 9.5 cm.; d. neck, 9 cm.; d. max. 23 cm. Fig. 287.

13-11-121: WSR; incomplete; h. 35.5 cm.; d. rim, 9.9 cm.; d. neck, 9 cm.; d. max. 23.5 cm.

Type A VI b: medium and small jars with neck and roll rim; 2 examples:

13-11-111: R; incomplete; h. 24 cm.; d. rim, 6.6 cm.; d. neck, 5.6 cm.; d. body, 14.6 cm. Photo. C 5414 (1/1).

13-11-113: BrW, red wash; incomplete; h. 24 cm.; d. rim, 8.0 cm.; d. neck, 7.2 cm.; d. body, 15 cm. Photo. C 5411 (1/1). Fig. 287.

Type A LI: bag-shaped jar or pot; 2 examples:

13-11-103: FRW; h. 6.8 cm.; d. rim, 5.2 cm.; d. max. 8.6 cm. Photo. C 5412 (1/1), Pl. 59 h (1/3). Fig. 287.

13-11-123 i: RBrW, wet smoothed; frags. only.

Type A LVI: collar jar with pointed base; 1 example:

13-11-101: RBrW, wet smoothed; h. 17.8 cm.; d. top, 6.8 cm.; d. collar, 8.4 cm.; d. body, 10.4 cm. Photos. C 5412 (2/1), Pl. 59 h (1/1). Fig. 287.
Group B: flat-bottomed jars:

**Type B-XVII a**: jar with neck and roll rim; 1 example:
13-11-112: FRW, red wash; incomplete; h. 22.8 cm.; d. rim, 7.0 cm.; d. neck, 6.8 cm.; d. body, 14.0 cm.; d. base, 2.8 cm. Photo. C 5414 (1/2). Fig. 287.

**Type B XIX b**: shoulder jar with short neck:
13-11-114, 115, 116: RP; bases of three short-necked shoulder-jars; d. base (114) 7.2 cm.; (115) 7.6 cm.; (116) 7.0 cm. (Fig. 287), and 13-11-123 f, top of jar.

**Type B-LIV**: two-handled oil jar; 3 examples:
13-11-106: special ware, cream slip; h. 42.6 cm.; d. rim, 9.8 cm.; d. neck, 7.2 cm.; d. body, 25.2 cm.; d. base, 12 cm.; w. with handles, 28 cm. Photo. C 5424 (1/2). Fig. 287.

**Type B-LV**: neckless shoulder jar; 5 examples, small models:
13-11-104: RBrW, wet smoothed; incomplete; h. 10.4 cm.; d. rim, 5.6 cm.; d. shoulder, 9.0 cm.; d. base, 6.0 cm.
13-11-123 j: wet smoothed; frags. incomplete.

**Type B-LVI a**: collar jar; 4 examples; large well-formed models:
13-11-102: RBrW, wet smoothed; h. 15.3 cm.; d. rim, 6.0 cm.; d. collar, 6.6 cm.; d. body, 8 cm.; d. base, 6 cm. Photos. C 5412 (2/2), Pl. 59 h. (1/5). Fig. 287.
13-11-105: RBrW, smooth; frags. of two jars about same size as 102.

**Type B-LVIII**: barrel jar with cord belt; models; 1 example:
13-11-123 n: RBrW, wet smoothed; frags. only.

Group C: round-bottomed basins and bowls:

**Type C-XXXII b (1)**: recurved rim (high); 1 example:
13-11-123 c: RBrW, smooth; frags. d. about 22 cm.

**Type C-LXI a**: wide shallow bowl with plain rim; 2 examples:
13-11-122: coarse RBrW, thick walled; 2 examples; h. c. 8 cm.; d. c. 50 cm.; (Hetep-heres form). Photo C 5447 (1/2), C 5448. Fig. 287.

**Type C-LXI c**: deep bowl with rising sides, plain rim; 1 example:
13-11-123 d: RP; incomplete; d. c. 21 cm.

Group D: flat-bottomed basins and bowls:

**Type D-XXXV a**: large basin with tubular spout; 2 examples:
13-11-123 a and e: RP; frags. of two basins, d. over, 50 cm.

**Type D-XXXVI a**: recurved rim and tubular spout; 3 examples:
13-11-109: RBrW, red wash; incomplete; h. 8.4 cm.; d. rim, 18.6 cm.; d. body, 19 cm.; d. base, 6.8 cm. Photo. C 5411 (1/2).
13-11-123 g: RP; incomplete; small bowl with d. c. 12 cm. Fig. 287.
13-11-123 h: RBrW, wet smoothed, incomplete; d. c. 35 cm.

**Type D-XXXVI b**: recurved rim (high), with tubular spout; 1 example:
13-11-123 b: RP; incomplete; d. c. 40 cm.

**Type D-LXXI a**: large tub; 1 example:
13-11-123 o: mud ware; frags. with band rim; d. c. 50 cm. Fig. 287.
Type D–LXXIV: pan with flat bottom, with upright concave sides; 1 example:
13–11–118: RBrW, wet smoothed; h. 8.7 cm.; h. of rim, 6.4 cm.; d. rim, 41.6 cm.; d. base of rim, 40.0 cm.; d. base, 22.0 cm. Photo. C 5423. Fig. 287.

Type D–LXXIX a: small model basins with straight spreading sides:
13–11–123: RBrW; 10 or more; h. 2.4–2.6 cm.; d.

7–8 cm.

Group E: bowl tables, bowl stands, and ring stands:
Type E–XXI a: RBrW, wet smoothed; 1 example:
13–11–123 k: RBrW? wet smoothed; frags. of large model bowl table.

Group F: traditional bread pots and trays:
Type F–XXV: bread pot ('flower pot'); 1 example:
13–11–123 m: mud ware; frags.

Summary of vessels of identified types:
Group A: type II b, 4; VI, 2; LI, 2; LVI, 1; total 9 examples.
Group B: type XVII, 1; XIX, 3; LXV, 3; LV, 5; LVI, 4; LVIII, 1; total 17 examples.
Group C: type XXXII, 1; LXI, 4; total 5 examples.
Group D: type XXXV, 2; XXXVI, 4; LXXI, 1; LXXIV, 1; LXXIX, 10+; total, 18+.
Group E: type XXI a, 1 example.
Group F: type XXV, 1 example.

Sum Total of vessels of identified types, 51+ vessels; total types, 19.

Later Constructions:
In the street east of G 4440 was a small mastaba G 4441, against the back of G 4450, leaving a passage between G 4441 and G 4440.

In the intersection of the avenue north of G 4440 and the street east of it was another small mastaba, G 4442, built against the south end of the exterior c.b. chapel of G 4450 and around the SE corner of that mastaba.

G 4540: row 4, line 5:
See Map 6 and Figs. 38, 288 (shafts), 289 (objects).
See Pls. 49 d–f, 50 a–c, 55 a, 59 f.

Excavated: December 6th–16th, 1913.

Owner: no name preserved; portrait head of a woman.

Mastaba: core type IV–i uncased; 23.25 x 10.3 m.; area, 238.47 sq. m.; prop. 1/2-25; h. 4.5+ cm.

Chapel: exterior c.b. chapel of type (1 c), altered and partly destroyed; 4 rooms:
(a) N–S offering-room with face of core as west wall; 5.75 x 2.6 m.; area, 14.95 sq. m.; prop. 1/2.21; entered from east, (c) by doorway in north end of east wall; doorway to (b), in east end of south wall.
(b) E–W magazine south of (a); 1.3 x 2.6 m.; area, 3.38 sq. m.; entered from (a) by doorway in east end of north wall.
(c) room east of (b) south of (d); a N–S room altered by intrusive burial G 4543 and rubble walls of reconstruction; 3.5 x 1.9 m.; area, 6.65 sq. m.; entered from north from (d), but probably entered originally from south.
(d) vestibule room, north of (c); partly destroyed; 1.3 x 1.9 m. area, 2.47 sq. m.; entered from north; doorway to (a), in north end of west wall; doorway to (c) in south wall.
Total area, (a)-(d), 27-45 sq. m.
Shaft G 4540 A: sole shaft in place of shaft in one-shaft mastaba; 2-05 x 2-05 m.; -12-8 m. in rock; lined above with massive masonry, 4-5 m.; 4 courses.
Chamber: type 2 ar (stair), lined but not paved; on south; lined chamber, 2-92 x 3-37 m. and 2-8 m. high; area, 9-84 sq. m.; capacity, 27-55 cu. m.; lining plastered with white plaster; rock chamber, 4-3 x 4-75 m. and 2-8 m. high; area, 20-42 sq. m.; capacity, 57-17 cu. m.

Fig. 289

Passage: 1-86 x 1-15 m. and 1-3 m. high; stair descends from rock floor of passage to rock floor of chamber by five rises; the top step, of the same width as the passage, is inside the inner end of the passage, the other four steps inside the chamber measured together 1-0 x 0-95 m. and 1-2 m. high; total height from floor of passage to floor of chamber, 1-5 m.
Blocking: interior masonry of white limestone set in plaster partly broken out; outside, a portcullis slab with rope holes in upper end; 1-65 m. wide, 1-43 m. high, 0-36 m. thick, of white limestone; type I b (I).
Coffin: disturbed skeleton along west wall mixed with decayed frags. of wood; probably wooden coffin: probably panelled with kret lid.
Burial: see coffin.
Canopic pit: in SE corner; 0-54 x 0-6 m. and 0-45 m. deep; cut in rock floor.
Objects: found in thieves' debris in bottom of shaft:
13-12-11: white limestone; portrait head of a woman (reserve head). Photos. C 5437-5340 (Pls. 49 e, 55 a).
Potsherds found in the shaft have been listed with the pottery found in the chamber.
Objects: found in the chamber:
13-12-20: wood: frags. of decayed pieces of wood, some round and some oblong, probably from panelled kret coffin.
Pottery: found in thieves' debris in shaft and chamber:
Group A: round-bottomed or pointed jars:
Type A-II b: large wine-jars; 12 jars:
13-12-16 a: WSR; frags. from over 5 jars.
13-12-28: WSR; 3 examples.
13-12-29: WSR (pinkish); 3 jars.
13-12-33: WSR (pinkish); incomplete; h. 35+ cm.; d. rim, 9-6 cm.; d. max. 22 cm. Fig. 289.
Type A–LI a: bag-shaped jar (or pot); 1 example:
13–12–22 d: RBrW; h. 6.8 cm.; d. rim, 5.3 cm.; d. max. 8.0 cm. Photo. C 5454 (1/3). Fig. 289.
Type A–LVI b: collar jar with pointed base; 1 example:
13–12–22 e: RBrW; h. 15 cm.; d. max. 11 cm. Photo. C 5458 (2/1). Fig. 289.

Group B: flat-bottomed jars:
Type B–LV b: neckless shoulder jar; 4 examples:
13–12–16 c: RBrW; h. 7.0 cm.; d. shoulder, 6.7 cm.; d. base, 4.2 cm. Photo. C 5454 (1/4, 5).
Type B–LVI b: collar jar, flat bottom; 3 examples:
13–12–17: RBrW; h. 11.9 cm.; d. top, 3.2 cm.; d. collar, 5.0 cm.; d. body, 5.6 cm.; d. min. 3.6 cm.; d. base, 4.8 cm.
Type B–LVII: barrel jar with cord belt; 2 examples:
13–12–16 b: RBrW; with grooves to represent belt; frags.
13–12–22 b: BrW; with simplified belt; h. 9.4 cm.; d. rim, 3.6 cm.; d. max. 5.1 cm.; d. base, 3.8 cm. Photo.

Group C: round-bottomed basins and bowls; no examples.
Group D: flat-bottomed basins and bowls:
Type D–XXXVI a: recurved rim and spout; 3 examples:
13–12–16 d: RP; frags.
Type D–LXXI a: tub with band rim; 2 examples:
13–12–31: tub ware; d. 45–50 cm.

Summary of pottery vessels of identified types:
Group A: type II b, 12; LI, 1; LVI, 1; total 14 vessels.
Group B: type LV, 4; LVI, 3; LVIII, 2; total 9 vessels.
Group C: no examples.
Group D: type XXXVI, 3; LXXI, 2; LXXII, 1; LXXIX, 60; total 66 examples.

Later construction:
In the north end of the street east of G 4540 stands the small mastaba G 4541, built against the back of G 4640.
South of G 4541, stands a small mastaba G 4542, on independent site.
In the exterior chapel room (c) was intruded a shaft G 4543.
In the avenue north of G 4540 stands the small stone mastaba, G 4544, built against the southern end of G 4550.

G 4640: row 4, line 6:
See Map 6 and Figs. 290 (shaft), 291 (objects).
See Pls. 50 d–f; 51 a–c; 55 b, 58 b, g.
Owner: no name preserved; portrait head indicates a member of royal family.

Mastaba: core type IV-i; 23.2 x 9.9 m.; area, 229-68 sq. m.; prop. 1/2-34; h. 4.2+ m.; retaining wall of five courses.

Cased with white limestone (X-masonry) nearly completely destroyed; 24.9 x 12.0 m.; area, 291.29 sq. m.; prop. 1/2.34;

Chapel: exterior white stone chapel of type (2 b); N-S offering-room, 3.9 x 1.4 m.; area, 5.46 sq. m.; prop. 1/2.89; with monolithic ha-door in south end of west wall set in casing; entered from east by doorway in north end of east wall.

Exterior c.b. chapel of type (1 e); 2 rooms:

(b) N-S room around entrance to (a); 5.0 x 1.5 m.; area, 7.5+ sq. m. entered from north from (c) by doorway in north end of north wall.

(c) vestibule (?) room, north of (b); 1.5 x 4.2 m.; area, 6.3 sq. m.; north wall partly destroyed; probably entered from north from passage along face of mastaba; doorway to (b) in east end of south wall.

Total area, c.b. rooms (b), (c), 13.8+ sq. m.

Total floor area of chapel (a)-(c), 19.26 sq. m.

Shaft G 4640 A: sole shaft (one-shaft mastaba):

2.1 x 2.05 m.; contracting to 1.75 x 1.87 m. at bottom; -12.05 m. in rock; lined above with massive masonry, 4.2 m.; 8 courses.

Chamber: type 2 br (stair), lined but not paved; on south; lined chamber, 3.2 x 2.88 m. and 2.56 m. high; area, 9.22 sq. m.; capacity, 23.6 cu. m.; rock chamber, 3.77 x 3.5 m. and 2.56 m. high; area, 13.19 sq. m.; capacity, 33.76 cu. m.

Passage: 1.36 x 1.1 m. and 1.08 m. high; the stair is narrower than the passage and descends in four steps (five rises); 1.4 x 0.6 m. and 1.5 m. high from floor of chamber to floor of passage.

Blocking: remains of interior masonry of white limestone set in plaster; exterior portcullis slab of white limestone with top broken off; 1.37 m. wide, 1.3+ m. high and 0.35 m. thick; blocking type I b (1).

Coffin: no trace.

Canopic pit; in SE corner; 0.6 x 0.4 m. and 0.57 m. deep, cut in rock floor.

Burial: skull and bones scattered in SE corner.

Objects: found in thieves' debris in bottom of shaft:

13-12-7: white limestone; portrait head of a man; life size. Pl. 50 e (in situ), Pl. 55 b. 13-12-10: alab. type S-I c, cosmetic jar; h. 7.4 cm.; d. rim, 3.4 cm.; d. mouth, 2.8 cm.; d. min. 3.8 cm.; d. base, 4.9 cm.; thickness bottom, 1.0 cm. Pl. 58 b (1/2). Fig. 291

13-12-6: alab.; round-bottomed bowl with internal rim; type S-IX c; h. 5.6 cm.; d. max. 30.8 cm.; d. top, 20 cm.; d. internal rim, 19.2 cm. Pl. 58 b (1/1). Fig. 291.

13-12-8: alab.; flat-bottomed bowl with plain rim; h. 8 cm.; d. max. 24.6 cm.; d. mouth, 23.2 cm.; d. base, 5.4 cm. Pl. 58 b (2/1). Fig. 291.

13-12-5 and 9: flint; round-ended razor blades; 2 examples, (Fig. 291):

(a) length, 10.1 cm.; w. 2.6 cm. Pl. 58 g (1/3).

(b) length, 8.6 cm.; w. 2.5 cm. Pl. 58 g (1/4).
13-12-12, 13: two model pottery jars included with the pottery from the chamber.
Pottery: vessels of identified type: found in thieves' debris in shaft and chamber:
Group A: jars with rounded or pointed base:
Type A-II b: large wine-jar; 2 examples:
13-12-24 f: and 24 g: WSR; frags. of two jars.
Type A-IV: traditional offering-jar; 2 examples:
13-12-23 and 27: coarse RW; frag. of a base and nearly complete: (a) h. 28 cm.; d. max. 14.4 cm.
Group B: flat-bottomed jars:
Type B-LV b: neckless shoulder jar; models, large 5 examples:
13-12-24 c: RBrW; frags. of five jars about 10 cm. high.
Type B-LVI a: collar jar, flat base; 3 examples:
13-12-13: RBrW; h. 10.8 cm.; d. top, 3.6 cm.; d. collar, 5.2 cm.; d. body, 5.8 cm.; d. base, 4.4 cm. Fig. 291.
13-12-24 a: BrW; frags. of 2 examples like 13-12-13.
Type B-LVIII: barrel jar with belt; 1 example:
13-12-12: RBrW; h. 10 cm.; d. rim, 4 cm.; d. max. 5.8 cm.; d. base, 4.6 cm. Fig. 291.
Type B-XLIX: small degenerate models; 12 examples of different forms:
13-12-25: RW; 12 examples of different forms:
(a) neckless shoulder jars; 3 examples; h. 4.8 cm.; d. max. 5.0 cm.; d. base, 1.6 cm. Fig. 291.
(b) degenerate collar jar; 4 examples; h. 6.6 cm.; d. top, 3.2 cm.; d. rim, 4 cm.; d. max. 4.0 cm.; d. base, 2.6 cm.
7 models not determined. Fig. 291.
Group C: round-bottomed basins and bowls:
Type C-LXII a: bowl with contracted mouth and plain rim; 1 example:
13-12-24 d: RP; frags. only.
Group D: flat-bottomed basins and bowls:
Type D-XXXVI a: recurved rim and tubular spout; 1 example:
13-12-24 e: RBrW, smooth; small bowl; frags.
Type D-LXXIX b: large model basins; 18 examples:
13-12-15: RBrW; 3 examples: (a) h. 2.8 cm.; d. 7.4 cm.; d. base, 3.4 cm.; (b) h. 3.6 cm.; d. max. 7.2 cm.; d. base, 4.2 cm.; (c) h. 3.8 cm.; d. max. 8.0 cm.; d. base, 4.2 cm. Fig. 291.
13-12-24 b: RBrW: 15 models of various sizes ranging around the examples in 13-12-15.
Type D-LXXIX c (1): small model basins with concave sides; 7 examples:
13-12-26: RW; 7 examples; (a) h. 2.2 cm.; d. max. 6.8 cm.; d. base, 2.4 cm. Fig. 291.
Type D-LXXIX d: shallow clumsy models; 12 examples:
13-12-14: RBrW; 12 examples; (a) h. 2.0 cm.; d. max. 9.8 cm.; d. base, 5.8 cm. Fig. 291.
SUMMARY: vessels and models of identified types:
Group A: type A II b, 2; IV, 2; total 4 jars.
Group B: type LV, 5; LVI, 3; LVIII, 1; XLIX, 12; total 21 examples.
Group C: type LXII, 1; total 1 example.
Group D: type XXXVI, 1; LXXIX, 37 models; total 38 examples.
Sum Total of vessels and models of identified types, 64 examples; total types 9.
The large number of small models and the small number of practical vessels is to be noted.
Objects: found in debris of chamber in street east of G 4640:
13-12-34: alab.; four frags. of table top, type S-XII a; d. c. 38 cm.
13-12-35: alab.; frag. from a statue base or offering-basin; one end polished; polished end c. 1 cm. square; length of broken part, 9 cm.

Later Constructions:

Small stone mastaba G 4641 built around SW corner of G 4740 and partly in chapel of G 4640.

Small stone mastaba, G 4642, built north of the exterior c.b. chapel of G 4640 with space between mastaba and G 4640.

Small mastaba, G 4643, on independent site just north of G 4642.

In the intersection of the avenue north of G 4640 and the street east of it stand two small stone mastabas, G 4644 and G 4645; G 4645 is built against the south end of the exterior chapel of G 4650 and G 4644 against the south end of G 4645.

In the avenue north of G 4640, west of G 4645 stands a small stone mastaba G 4646, built against the south end of G 4650.

G 4740: row 4, line 7:

See map 6 and Fig. 292 (shaft), 293 (pottery bowl).

See Pl. 51 d–f.

Owner: no name and no portrait head.

Excavated: December 17th–25th, 1913.

Mastaba: core type IV–i, uncased; 23.0 x 9.6 cm.; area, 220.8 sq. m.; prop. 1/2.39; h. 4.6–5.0 m.

Chapel: no trace preserved; from the SE corner of G 4740 northwards for 7.4 m. there is a clear space where a c.b. chapel could have been built; from this point northwards, two stone mastabas are built against the east face of G 4740.

Shaft G 4740 A: sole shaft (one-shaft mastaba); 2.05 x 2.05 m. contracting to 1.67 x 1.7 m. at bottom; −9.81 m. in rock; lined with massive masonry, 4.64 m.; 4 courses.

Chamber: type 2 cr (stair), not lined; on south; 4.03 x 4.16 m. and 2.56 m. high; area, 16.66 sq. m.; capacity, 42.64 cu. m.

Passage: 1.19 x 1.1 m. and 1.35 m. high; stairway of three steps (four rises) descends from floor of passage to floor of chamber; 2.25 x 1.1 m. and 1.21 m. high; the steps begin in the angle of the rock wall left for the lining.

Blocking: interior blocking of masonry set in plaster, type II b; no portcullis slab was found.

Coffin: frags. of decayed panelled wooden coffin scattered with bones on floor.

Burial: skull and bones scattered on floor.

No canopic pit.

Objects: found in thieves' debris:

13-12-32 a: RBrW, smooth; wide shallow bowl with plain rim and round bottom, type C–LXI c; h. 5.7 cm.; d. 24.1 cm. Photo. C 5458 (1/1). Fig. 293.
13-12-32 b: alab.; 2 small frags.

Later Constructions: against the east face of the core, north of the place for the chapel stand two stone mastabas; on south is the medium-sized mastaba G 4741 with passage between it and back of G 4840; small destroyed mastaba, G 4742 if built against the north end of G 4741.

G 4750: row 5, line 7:
Owner: Akhi, sAb aD-mr, [Hry s]StA, [wr] mD Smaw, xrp nsty, imy-rA Snwt nswt, imy-rA prwy-hD, imy-rA sSw aprw, imy-rA kAt nbt nswt, imy-rA mhU-nb, xrp wsxt, [mry nb]-f, mrrw nb-f, nb imAxw x[r nb]-f iri mrrt nTr-f ra nb, rx nswt.

Mastaba: core type IV-i; 22.9 x 9.75 m.; area, 223.28 sq. m.; prop. 1/2.35; four courses, 6.0 m. high. Cased with white limestone (x-masonry) either unfinished or destroyed; 24.8 x 11.5 m.; area, 292.64 sq. m.; prop. 1/2-15.

Chapel: exterior stone chapel of type (2 b), built against face of core probably to be included in casing; 3.7 x 2.0 m. area, 7.4 sq. m.; prop. 1/1.85; with ha-door in south end of west wall and small serdab behind the niche; entered from east by doorway in north end of east wall; decorated but badly damaged.

Shaft G 4750 A: sole shaft; 2.1 x 2.1 m.; -10.0 m. in rock; lined above with heavy masonry, 6.0 m.

Chamber: type 2 br (stair), not lined; on south; 4.0 x 4.4 m. and 2.6 m. high; area, 17.6 sq. m.; capacity, 45.86 cu. m.; with coffin recess in west wall; 2.7 x 1.6 m.; area, 4.32 sq. m.; h. 0.15 m.; capacity, 6.48 cu. m.; total area, 21.92 sq. m.; total capacity, 52.24 cu. m.

Passage: 1.4 x 1.35 m. and 1.5 m. high; stair descends from floor of passage to floor of chamber.

Coffin: frags. of white limestone coffin of type d. No canopic pit.

Objects: frags. of jar of type B-LIV; bowl with recurved rim and tubular spout, type D-XXXVI; wide shallow bowls, type C LXI c; bent-sided bowl of RP, type C-XXX; neckless shoulder jar of type B-LV; models of type B-LVI and type D-LXXIX.

Later Constructions:
G 4751, filling avenue north of G 4750 and between it and G 4760.
G 4752, in street north of southern chapel of G 4750, a confused complex of superstructures and shafts.

G 4760: row 6, line 7:
Excavated: by Junker, Giza I, pp. 231-234.
Owner: no name.

Mastaba: core type IV-i, not cased; 24.6 x 9.0 m.; area, 270.6 sq. m.; prop. 1/2.24; h. 6.0 m.; 3-6 courses in various parts.

Chapel: probably exterior c.b. chapel of type (1 c), but destroyed by intrusive construction.

Shaft G 4760 A: sole shaft; 2.2 x 2.2 m.; contracting to 1.7 x 1.7 m. at bottom; -10.0 m. in rock; lined above with massive masonry, 5.0 m.

Chamber: 2 dr (stair), not lined or paved; 4.1 x 4.0 m. and 3.1 m. high; area, 16.4 sq. m.; capacity, 50.84 cu. m.

Passage: 1.04 x 1.15 m. and 1.3 m. high; stair descending from floor of passage to floor of chamber, 1.45 x 1.1 m. and 1.8 high; three steps and four rises.

Blocking: c.b. of type II a.

Coffin: frags. of white limestone coffin and also of inner case of wood.

Burial: scattered bones, including skull.

Objects: found in thieves' debris: 2 two-handled oil-jars of type B-LIV; 1 or 2 shoulder jars of type B-XVIII; jar of type A-II b: basin with roll rim and short tubular spout, type XXXV; and other potsherds.

Later Constructions:
G 4761 (Nofer I) built against the west side and around the NW corner of G 4860: excavated by Professor Junker. G 4762 built against the south end of G 4761.
G 4763-4765: complex of three small mastabas; G 4765 was built around the SW corner of G 4860 and the other two added to the north end of it in succession: excavated by Professor Junker.

G 4330: row 3, line 3: first core on west of row:

See Map 6 and Fig. 294 (shaft).

Excavated: December 3rd–17th, 1913; January 19th, 1914.

Owner: no name found.

Mastaba: core type IV-i; not cased; 24'4 x 10'0 m.; area, 244.0 sq. m.; prop. 1/2.44; h. 3'4 m.; 4 courses.

Chapel: exterior c.b. chapel of type (1 c); two parallel rooms:
(a) N-S offering-room with niche in c.b. west wall at south end; 3'65 x 1'4 m.; area, 5'0 sq. m.; prop. 1/2.6; entered from east from b, by doorway in north end of east wall.
(b) N-S room east of (a) and built later than (a): 3'65 x 2'05 m. area, 7'4 sq. m.; entered from north by doorway in east end of north wall; doorway to (a) in north end of west wall.

Total area, (a) and (b), 12.53 sq. m.

Shaft G 4330 A: sole shaft (one-shaft mastaba); 2'05 x 1'95 m.; -11.3 m. in rock; lined above with massive masonry, 3'4 m.; 5 courses.

Chamber: type 3 bl; on south; 2'6 x 2'65 m. and 2'3 m. high; area, 7'95 sq. m.; capacity, 18.28 cu. m.

Passage: 1'06 x 1'05 m. and 1'1 m. high; step down from floor of passage to floor of chamber, 0'3 m.

Blocking: interior blocking of masonry set in plaster; type II b (1).

Burial: on floor of chamber, scattered bones of skeleton.

Objects: found in thieves' debris in lower part of shaft and in chamber:

13–12–3: a single basket (working basket) of potsherds was gathered up; three types were identified:

(3 c) large wine-jar of type A II-b, WSR.
(3 d) Type A–VI c, FRW; h. 16'4 cm.; d. rim, 5'0 cm.; d. neck, 4'4 cm.; d. max. 1'2'4 cm. Photo.
C 5451 (2/1).
(3 a) large wine-jar of type II-b, WSR.
(3 b) Frag. from rim of large jar of unidentified type.

Later Constructions:

G 4331: small c.b. mastaba built against the east face of the core and abutting on north end of the chapel.

G 4332: small rubble mastaba, built against east face of core near NE corner.

G 4333: medium mastaba of u-masonry built between north end of core and south end of casing of G 4340.

G 4430: row 3, line 4:

See Map 6 and Figs. 5 (mastaba), 23 (shaft), 106 (chapel), 207 (south ka-door), 295 (sealings).

See Pls. 60 c; 62 d.


Owner: no name preserved.

Mastaba: core type IV-i, not cased; 24'0 x 9'9 m.; area, 237.6 sq. m.; prop. 1/2.42; h. 4'0 m., 6 courses; with monolithic stela inserted in retaining wall near south end of east face.
Chapel: Exterior c.b. Chapel of type (1 c) around monolithic stela; with three rooms:

(a) N-S offering-room around stela; 4.42 x 1.8 m.; area, 7.96 sq. m.; prop. 1/2.46; entered from (b) by doorway in north end east wall; uninscribed rectangular offering-basin in front of stela.

(b) N-S vestibule room; east of north part of (a); 2.27 x 1.05 m.; area, 2.38 sq. m.; entered from east by doorway in south end of east wall; doorway to (a) in north end (?) of west wall; doorway to (c), in south wall.

(c) N-S magazine, south of (b); 1.7 x 1.05 m.; area, 1.79 sq. m.; entered from north, from (b), by doorway in north wall.

Total area, (a)-(c), 12.13 sq. m.; open corridor between chapel and back of G 4530 blocked by later rubble wall on south.

At 4.2 m. north of the chapel are the remains of rubble wall (E-W), 0.9 m. thick but broken at its east end preserved to a length of 4.2 m. from G 4430; probably marked off a sort of court north of chapel.

Shaft G 4430 A: sole shaft (one-shaft mastaba); 2.1 x 2.1 m.; contracting slightly to bottom; −4.05 m. in rock; lined above with massive masonry, 4.0 m.; 6 courses.

Chamber: type 5 a (2); on west; 2.8 x 1.3 m. and 1.6 m. high; area, 3.64 sq. m.; capacity, 5.82 cu. m.

Passage: 1.8 x 0.4 m. and 1.58 m. high.

Blocking: interior blocking of white masonry set in plaster (partly preserved); outside, portcullis slab, 1.5 m. high, 1.25 m. wide, and 0.4 m. thick; blocking type I b (1); but the slab did not cover the end of the passage.

Coffin pit: shallow, 2.3 x 1.0 m. and 0.15 m. deep.

Objects: found in thieves' debris in bottom of shaft and in chamber:

13-12-1: fine mud (mud modelling paste): frags. of portrait head (reserve head) surface very smooth: nose and mouth missing: found in shaft.

13-12-4: mud (sealing clay): two or three jar-stoppers, one partly complete; the imprint shows that the stopper had covered the mouth of a jar which had been covered with cloth tied with string: the top surface was covered with an impression of a cylinder seal with six vertical lines facing left or right alternately: (1) facing to right, imy-ry kht nb nty...; (2) facing to left, Hr-Wir-Ib (in frame) det. by standing figure with crown of Upper Egypt; (3) facing right, rnm n smyt hbt hmtt (?) (4) facing to left Hr-Wir-Ib (in frame) det. with standing figure of king with crown of Upper Egypt; (5) rty nisat invy...; (6) facing to left, Hr-Wir-lb (in frame).

Pl. 62 d, Fig. 295. A second fragment bears a cartouche of Chephren and the title lrp mr. wyl rty nisat.

13-12-2: a small quantity of potsherds was found and classified as follows:

(2 f) Type A-II b: WSR; frags. of large jar.

(2 e) Type A-VI a: RBrW; h. 17.0 cm.; incomplete.

(2 a) Type B-LIV: two-handed oil jar; special ware, broken incomplete.

(2 e) Type B-LVI and LVIII: BrW; a number of jars.

(2 b) Type C-XXXII (?): RP; frags. of one or more thin bowls with recurved rims.

1 Although in Fig. 295 this is drawn as rmm it is probable that it should be corrected to [k]r[y] [f]t, compare Pl. 62 d.