

The archaeology of industrial extraction from Banstead and Walton Heaths

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TABLE 1 Map details, location, probable origin and present condition of pits on Banstead and Walton Heaths

(P numbers refer to pit numbers on figure 1)

Pits are as shown on OS 1:2500, XXVI. 2 (northern part of survey area), published 1877 [A], 1896 [B], 1912 [C], 1914 [D], 1933 [E], and XXVI. 6 (southern part of survey area), published 1896 [F], 1914 [G] and 1934 [H]

Pit no	Map	TQ	Name	Approx acres ¹	Relative location on map; probable origin ² ; present condition
1	AB	2404 5613	Old Gravel Pit	0.199 m	W side of Brighton Rd, opp. Braggart's Pond. RTT (Constable 1822). Brighton Rd turnpike top-layer gravel. Vestigial, c 30 x 50m.
2	ABC	2399 5567	Gravel Pit	0.01 e	N side of Mill Rd, E of plantation. RTT, poss. EDHB. For Mill Rd? Filled.
3	ABC	2388 5558	Old Gravel Pit	0.03 e	S side of Mill Rd, W of plantation. RTT, poss. EDHB. For Mill Rd? Extant: sandy with flints, c 400m ²
3a	AB	2382 5558	—	< 0.01 e	S side of Mill Rd, c 100m W of plantation. RTT, poss. EDHB. For Mill Rd? Extant, c 20m. ²
4	E	2318 5536	Gravel Pits	0.15 e	NE of earthwork, E of path, NE pit of 4. ERDC, ?1914–20. Almost filled.
4a	A	2317 5400	Sand Pit	< 0.01 e	S side of path Blue Ball–Walton Mill, easternmost of three sandpits. Building sand? Filled.
5	A	2310 5535	Sand Pit	< 0.01 e	S side of path Blue Ball–Walton Mill, middle pit of three sandpits. Building sand? Filled.
6	A	2299 5534	Sand Pit	< 0.01 e	S side of path Blue Ball–Walton Mill, westernmost of three sandpits. Building sand? Filled.
7	E	2311 5535	Gravel Pits	0.15 e	NE of earthwork, NW pit of four, contiguous to site of earlier P5. ERDC, ?1914–20. Extant? (Intensively worked area)
8	ABC	2320 5531	Gravel Pits	0.19 e	E of earthwork, E of path, northernmost of three. RTT for Dorking Rd turnpike. Enlarged before 1895 by RTT, Manor or EDHB. Extant? (Intensively worked area)
9	E	2316 5529	Gravel Pits	0.15 e	NE of earthwork, W of path, SW pit of four. ERDC, ?1914–20. Extant? (Intensively worked area)
10	ABC	2322 5527	Gravel Pits	0.09 e	E of earthwork, E of path, middle pit of three. RTT for Dorking Rd turnpike, or EDHB. Extant? (Intensively worked area)

Pit no	Map	TQ	Name	Approx acres ¹	Relative location on map; probable origin ² ; present condition
10a	E	2321 5529	Gravel Pits	0.07 e	E of earthwork, E of path, SE pit of four, contiguous to site of earlier P10. ERDC, ?1914–20. Partially filled.
11	BC	2309 5525	–	0.01 e	E of earthwork, W of path, westernmost of three. RTT, Manor or EDHB. Extant, c 2m deep.
12	BC	2318 5524	–	0.05 e	E of earthwork, W of path, easternmost of three. RTT, Manor or EDHB. Extant? (Intensively worked area)
13	ABC	2322 5525	Gravel Pits	0.09 e	E of earthwork, E of path, southernmost of three. RTT for Dorking Rd turnpike. Extended (P15) before 1895 by ?RTT, Manor or EDHB. Extant, c 3m deep.
14	BC	2314 5525	–	0.09 e	E of earthwork, W of path, middle pit of three. RTT, Manor or EDHB. Extant? (Intensively worked area)
15	BC	2325 5523	Gravel Pits	0.4 e	E of earthwork, E of path, southernmost of four. Extended part of P13 by RTT, Manor or EDHB. Extant, c 3m deep in intensively worked area.
16	ABC DE	2304 5520	–	0.05 e	S corner of earthwork. RTT for Dorking Rd turnpike, or Manor or EDHB. Extant: gravelly.
17	DE	2315 5520	Gravel Pit	0.5 e	ESE of earthwork, contiguous to site of earlier P12. Manor 1907. Extant, c 4m deep in intensively worked area.
18	BC	2409 5517	Old Gravel Pits	0.06 e	c 240m W of Brighton Rd, W of path, northernmost and smallest of three. RTT, Manor or EDHB. Extant, c 3m deep.
19	ABC	2412 5512	(1877) Old Gravel Pit	0.302 m	c 230m W of Brighton Rd, W of path. Largest of three ‘Old Gravel Pits’ 1896, 1912. Flints for Kingswood Church 1841? Or RTT, Manor, or EDHB. Extant: flints, gravel.
20	BC	2419 5512	Old Gravel Pits	0.15 e	c 170m W of Brighton Rd, E of path, easternmost of three. RTT, Manor or EDHB. Extant (in area of many other depressions)?
21	ABC DE	2386 5497	Old Gravel Pit	0.486 m	c 550m W of Brighton Rd, c one-third of the way along Hogden Bottom. RTT or EDHB. Almost filled by BUDC 1950–64.
22	ABC	2429 5498	Old Gravel Pits	0.05 e	c 120m W of Brighton Rd, nr end of Hogden Bottom; eastern pit of pair (with P23) 1877, linked with P23b as Old Gravel Pits 1896, 1912; partly merged with P23a 1914. RTT or EDHB. Extant, c 6m deep.
23	ABC	2425 5495	(1877) Old Gravel Pits	0.12 e	c 155m W of Brighton Rd, nr end of Hogden Bottom; western pit of pair (with P22) 1877, ‘Chalk Pit’ 1896, partly merged with P23a 1914. Orig. poss. RTT but extended by Manor 1899–1923. Extant, partially filled.

Pit no	Map	TQ	Name	Approx acres ¹	Relative location on map; probable origin ² ; present condition
23a	DE	2427 5497	–	0.4 e	c 140m W of Brighton Rd, between path and enclosures; partly incorporates P22, P23. Manor, prob. 1899–1923. Extant: chalk (w. side) and gravel.
23b	ABC D	2435 5495	(1877) –	1.665 m	c 75m W of Brighton Rd, in enclosure; linked with P22 as Old Gravel Pits 1896, 1912; semi-circular line 1914; unmarked 1933
24	ABC DE	2298 5488	(1877) Old Chalk Pit	0.273 m	W side of Dorking Rd, WSW of Dowding Castle, in grounds of Pitt Cottage; unnamed 1896 on. RTT 1755 for Dorking Rd turnpike flints, or agricultural. Extant, 5–6m high.
25	ABC	2295 5480 – 2297 5480	as P26	as P26	W end of Hogden Bottom (P26) on W side of Dorking Rd
26	ABC	2303 5480 – 2423 5488	Old Gravel Pits	3.587 m	Hogden Bottom. RTT, later EDHB, ERDC. Extant, area of intensive working: fine gravel to large flints.
26a	BC	2327 5481 – 2317 5465	Gravel Pits	1.5 e	N of Gallops, N/S line both sides of path from Hogden Bottom, continued by P26b, five pits on OS. RTT, Manor or EDHB. Extant, shallow workings.
26b	F	2313 5455 – 2304 5430	Gravel Pits	2.25 e	N of Gallops, N/S line, continuation of P26a, one pit on OS. RTT, Manor or EDHB. Extant, 1–2m deep: loose, sandy.
27	BCD FG	2416 5479 – 2394 5422	Old Gravel Pit	2.5 e	N/S line, starts c 100m S of E end of Hogden Bottom. RTT, Manor or EDHB. Extant, intensive intermittent working c 370m x average 30m along bottom, incl. P30, P33, to TQ 2350 5376.
27a	BC	2421 5485	Gravel Pit	0.08 e	c 35m S of E end of Hogden Bottom. RTT, Manor or EDHB. Extant? (Intensively worked area)
27b	BC	2419 5479	Gravel Pit	0.04 e	c 90m S of E end of Hogden Bottom. RTT, Manor or EDHB. Extant? (Intensively worked area)
28	F	2315 5444	Gravel Pits	0.2 e	N of Gallops, c 65m E of P26b. RTT, Manor or EDHB. Filled (area of rough ground).
29	FGH	2328 5436	–	0.03	N of Gallops, c 210m E of P26b, circular. Prob. solution hollow, or poss. RTT, Manor or EDHB. Extant, c 1.5m deep, c 15m diam.
30	F	2389 5427	Old Gravel Pit	0.2 e	c 240m SW of N/S line, c 225m W of Banstead/Kingswood parish boundary. RTT, Manor or EDHB. Extant, c 2m deep, c 50m. ²
31	FGH	2288 5415	Gravel Pits	0.02 e	Just inside NW corner of Gallops, northern of two. RTT, Manor or EDHB. Extant, c 80m, ² abuts P32. Prob. sand.
32	FGH	2286 5414	Gravel Pits	0.05 e	Just inside NW corner of Gallops, southern of two. RTT, Manor or EDHB. Extant, c 250m, ² abuts P31. Has been lengthened since OS 1934. Prob. sand.

Pit no	Map	TQ	Name	Approx acres ¹	Relative location on map; probable origin ² ; present condition
33	F	2374 5413	–	0.05 e	c 450m SW of N/S line, c 350m W of Banstead/Kingswood parish boundary. RTT, Manor or EDHB. Extant, c 0.5m deep, partly filled. Shape altered since map F.
34	F	2400 5403	–	0.06 e	c 460m S of N/S line, c 90m W of Banstead/Kingswood parish boundary, on W side of path. Bowl-shaped, smooth grassy sides, no spoil – prob. solution hollow.
35	FGH	2353 5369	Old Pits	0.06 e	c 110m E of Walton/Banstead parish boundary, c 580m W of Banstead/Kingswood parish boundary, northernmost of three. RTT, EDHB, Manor or Ladbroke. Filled.
36	FGH	2353 5367	Old Pits	0.15 e	c 100m E of Walton/Banstead parish boundary, c 580m W of Banstead/Kingswood parish boundary, largest of three. RTT, EDHB, Manor or Ladbroke. Filled.
37	FGH	2347 5364	Old Pits	0.07 e	c 55m E of Walton/Banstead parish boundary, c 620m W of Banstead/Kingswood parish boundary, westernmost of three. RTT, EDHB, Manor or Ladbroke. Filled.
38	F	2377 5344	Old Pit	0.13 e	c 275m E of Walton/Banstead parish boundary, c 300m W of Banstead/Kingswood parish boundary. RTT, EDHB, Manor or Ladbroke. Extant, c 3m deep.
39	F	2346 5346	Old Pit	0.6 e	Contiguous to Walton/Banstead parish boundary. RTT, EDHB, Manor or Ladbroke. Extant, c 2m deep: flints, gravel.
40	FGH	2339 5328	Old Pit	0.02 e	c 190m E of Walton/Banstead parish boundary, c 90m N of path. RTT, EDHB, Manor or Ladbroke. Extant, c 1.5m deep: flints, gravel, clay. Very small pit abuts on S side.
41	ABC	2427 5520	Old Pit	0.658 m	W side of Brighton Rd, immed S of school. RTT (Rapley) 1755 for Tadworth Court–Hogden Bottom turnpike (c 8000 tons flints). Extant, reduced, partly filled, c 4m high: flints, coarse gravel.

¹ m = given on map; e = estimated

² BUDC = Banstead Urban District Council; EDHB = Epsom District Highways Board; ERDC = Epsom Rural District Council; RTT = Reigate Turnpike Trust