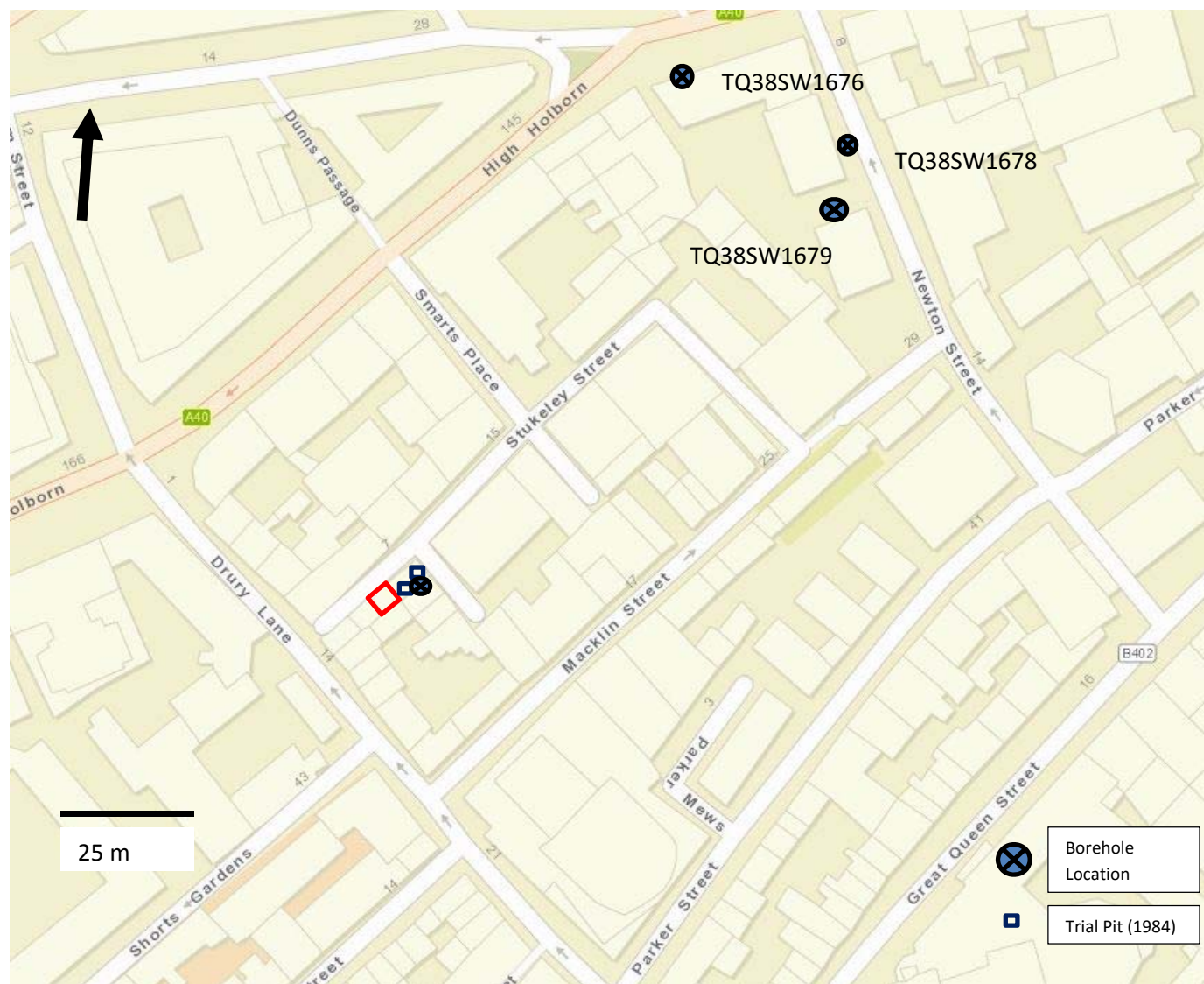


Appendix C Existing Borehole and Trial Pit Records



TQ 38 SW/1676-1679

TQ 38 SW/1676

Lab used
3081 SW
30374 81473

Boring method Shell and Auger		Location TQ 3081		Record of BOREHOLE 1			
Boring diameter (mm) 200 to 3.80m ; 150 to 13.00m				(sheet 1 of 2)			
Casing diameter (mm) 150 to 6.30m		Orientation		Ground floor level (m.O.D.) 23.95			
Boring equipment Pilcon Wayfarer 10				Date commenced 10/10/75			
Samples and in situ tests		Casing Depth (m)	Water Depth (m)	Date and Depth (m)	DESCRIPTION OF STRATA	O.D. Level (m.O.D.)	Legend
Depth (m)	Type						
0.10				0.10	Concrete and wooden floor	23.85	
2.90	BD			2.90	BASEMENT	21.05	
3.80	C 88	3.80	NIL	3.60	CONCRETE		
3.80	BD		NIL	3.80	MGRD	20.15	
5.30	C 37	5.30			Dense to very dense brown sandy fine to coarse GRAVEL		
5.30	BD				SUPD		
5.90	D			5.90		18.05	
6.00	U	6.00					
6.30				6.30	Stiff fissured brown silty CLAY LC	17.65	
6.50	D						
7.00	D						
7.50	U	6.30					
8.00	D				Stiff fissured grey silty CLAY with partings of silt from 8.00m		
8.50	D				LC		
9.00	U	6.30					
9.50	D						
10.00	D						
REMARKS Borehole was advanced by chiselling from ground floor level to 0.10m (1h), and again from 2.90m to 3.80m below ground floor level (6h). Water was added to facilitate boring from 3.80m to 5.90m below ground floor level.							
For explanation of symbols and abbreviations see Notes, pages (i) and (ii)							
LAB Ref. No. SI/ 11547		HIGH HOLBORN/NEWTON STREET - LONDON W.C.1					Fig. 1

WIMPEY LABORATORIES LIMITED

TQ 38 SW 11678 -3.85

WIMPEY LABORATORIES LIMITED

TQ 38 SW | 1679

Boring method		Shell and Auger		Location		TQ 3081		Record of		BOREHOLE 4	
Boring diameter (mm)		200 to 8.00m; 150 to 13.00m		NGR		30424 81445		(sheet 1 of 2)			
Casing diameter (mm)		200 to 4.50m; 150 to 9.25m		Orientation				Ground floor level (m.O.D.)		22.80	
Boring equipment		Pilcon Wayfarer 10						Date commenced		8/10/75	
Samples and in situ tests		Casing Depth (m)		Water Depth (m)		Date and Depth (m)		DESCRIPTION OF STRATA		O.D. Level (m.O.D.)	
Depth (m)		Type								Legend	
0.25						8/10		CONCRETE		22.55	
0.50		BD									
1.50		BD						FILL (brick, clinker, ash, sand, and concrete with some clay at 2.90m)			
								MGRD			
2.90		BD								19.50	
3.30		D				3.30		Firm mottled brown, with traces of blue silty CLAY		19.30	
3.50		C 55		3.50				SUPD			
3.50		BD						Very dense brown sandy fine to coarse GRAVEL		18.60	
4.20		D				4.20		SUPD			
4.25		U		4.25							
4.75		D						Stiff mottled brown, grey and blue silty CLAY			
5.00		W						LC			
5.25		D				5.25				17.55	
5.75		U		4.50							
6.25		D									
6.75		D									
7.00		BD									
8.00		U		4.50		8.00		Firm to stiff fissured grey silty CLAY			
						9/10		LC			
8.50		D									
9.00		D									
9.50		U		9.25							
10.00		D									
REMARKS											
Borehole was advanced by chiselling from ground level to 0.90m (2½h), water was added to facilitate boring from 3.50m to 4.20m below ground level											
For explanation of symbols and abbreviations see Notes, pages (i) and (ii)											
LAB Ref. No.		HIGH HOLBORN/NEWTON STREET - LONDON W.C.1								Fig. 4	
s/11547											
WIMPEY LABORATORIES LIMITED											

TQ38SW 1898 - 1911 PAGE 1.

Institute of Geological Sciences
RECORD OF SHAFT OR BOREHOLE

6-in or 1:10 000 Map Registration No.

1-in or 1:50 000 New Series Map No.

Enter 'C' if Confidential

Name and Number of Shaft or Borehole: MIDDLE LEVEL SEWER No:1 - Piccadilly Branch

For whom made L.C.C. Public Health Engineering [2 series - earlier series in red ink]

Town or Village _____ County _____

Exact site (reference to a fixed point on 1-in or 1:50 000 Map) _____

Purpose for which made Line Survey for Sewer Tunnel & access shaft

Ground level at ^{shaft}bore relative to O.D. _____ m. If not ground level give O.D. of beginning of ^{shaft}bore _____ m.

Made by _____ Date of sinking _____

Information from Th. Water Authority, miscellaneous drawing Book 54 Examined by _____

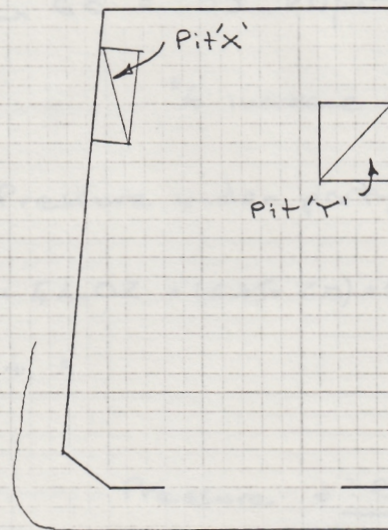
Specimen Numbers and Additional Notes

NB. Shaft 22 (as compared with) not controlled.
Shafts are numbered 4-25 (incl. (except the above))
B/h numbered 1 to 19

NB Shaft 9' to 12' 22' m. from.

Geological Classification	Description of Strata	Thickness metres	Depth metres
	<u>BH1. +66.55' O.D. (SHAFT 8?) TQ 38 SW / 1898</u>		
	Made Ground.	9' - 0"	9 - 0"
	Gravel <u>↓ + 48.55' O.D.</u>	9' - 0"	18' - 0"
	Yellow Clay	2' - 6"	20' - 6"
	Blue Clay	8' - 0"	28' - 6"
	<u>BH2 + 66.30' O.D. (SHAFT 7) TQ 38 SW / 1899</u>		
	Made (including 8" Paving)	7' - 0"	7' - 0"
	Mixture of Loam, Gravel & Clay	5' - 8"	12' - 0"
	Sand and Gravel <u>↓ + 48.30 O.D.</u>	5' - 4"	18' - 0"
	Yellow Clay	1' - 3"	19' - 3"
	Blue Clay	9' - 0"	28' - 3"
	WATER AT 16' - 8" Depth in Gravels.		

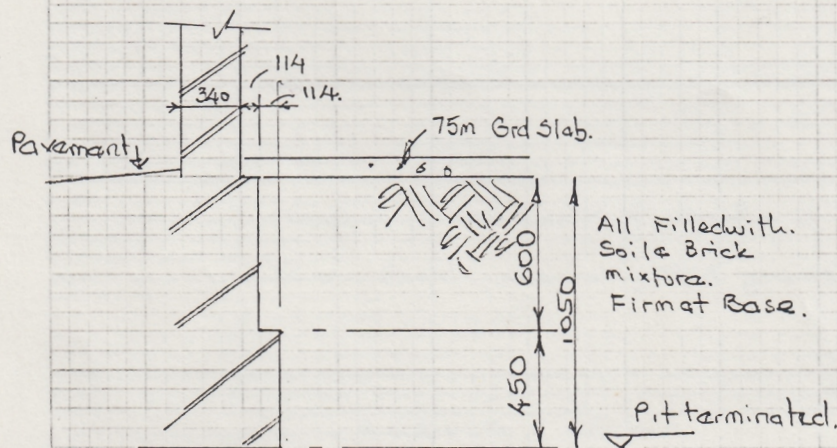
DETAILS
OF
TRIAL PITS



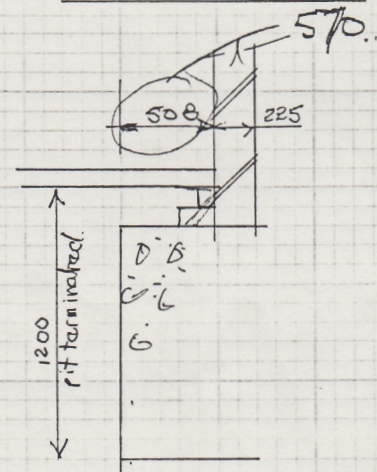
Schematic
Ground
Floor.

STUKELEY STREET.

CROSS SECTION 'X'



CROSS SECTION 'Y'



Project Name

8 - 10 Stukeley Street

Project No.

GWPR1405

Co-ords: -

Hole Type
WS

Location: London WC2B 5LQ

Level: -

Scale
1:50

Client: Croft Structural Engineering

Dates: 12/10/2015

Logged By
PA

Well	Water Strikes	Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	D		0.20			MADE GROUND: Reinforced concrete.	
		0.50	D					MADE GROUND: Dark brown clayey gravelly sand. Sand is fine to coarse grained. Gravel is abundant, fine to coarse, sub-angular to sub-rounded brick, cement, flint.	1
		0.80	D						
		1.00	D						
		1.50	D		1.70				
		2.00	D					MADE GROUND: Dark grey and dark brown gravelly sandy clay. Sand is fine to medium grained. Gravel is occasional, fine to medium, sub-angular to sub-rounded, flint, brick and cement.	2
		2.50	D						
		3.00	D						3
		3.50	D						
		4.00	D		3.70			KEMPTON PARK GRAVEL FORMATION: Orange brown SAND and GRAVEL. Sand is fine to coarse grained. Gravel is abundant, fine to medium, sub-angular to sub-rounded flint.	4
					4.30				
								End of Borehole at 4.30 m	5
									6
									7
									8
									9

Remarks: No groundwater encountered.

No roots encountered.

Density of sub-surface soils prevented further construction of the borehole beyond 4.30m bgl.

DYNAMIC PROBING					Probe No DP2	
Client Croft Structural Engineering					Sheet 1 of 1	
Site 8 - 10 Stukeley Street					Project No GWPR1405	
E -		N -		Level -	Date 12/10/2015	Logged by SJM

Depth (m)	Readings Blows/100mm					Diagram (N100 Values)					Torque (Nm)
						10	20	30	40		
0.0	-	-	-	-	-						0
0.5	-	-	-	-	-						
1.0	-	-	-	-	-						
1.5	1	0	0	1	0						
2.0	0	1	0	0	0						
2.5	1	1	0	0	1						
3.0	2	1	1	1	1						
3.5	5	17	36	58	66						
4.0	94	108	131								
4.5											
5.0											
6.0											
7.0											
8.0											
9.0											

	Ground and Water Ltd Tel: 0333 600 1221 email: enquiries@groundandwater.co.uk www.groundandwater.co.uk		Fall Height 500	Cone Base Diameter 43	
			Hammer Wt 50.00	Final Depth 4.20	
			Probe Type DPH	Log Scale 1:50	