

Key :

Notes :

Client : Steadberry Restoration Ltd		
Project : The British Museum		
Job No : GN25617	Date : January 2023	
Drawing Title : TPD - Foundation Inspection Pit Plan with Photos		
Drawing No : GL25617 - TPD-P		
Scale : N/A		
Drawn by : ES	Checked by : JBL	
Eastings : 530088.83	Northings : 181796.77	
Revision history		
Rev	Date	Revision Data

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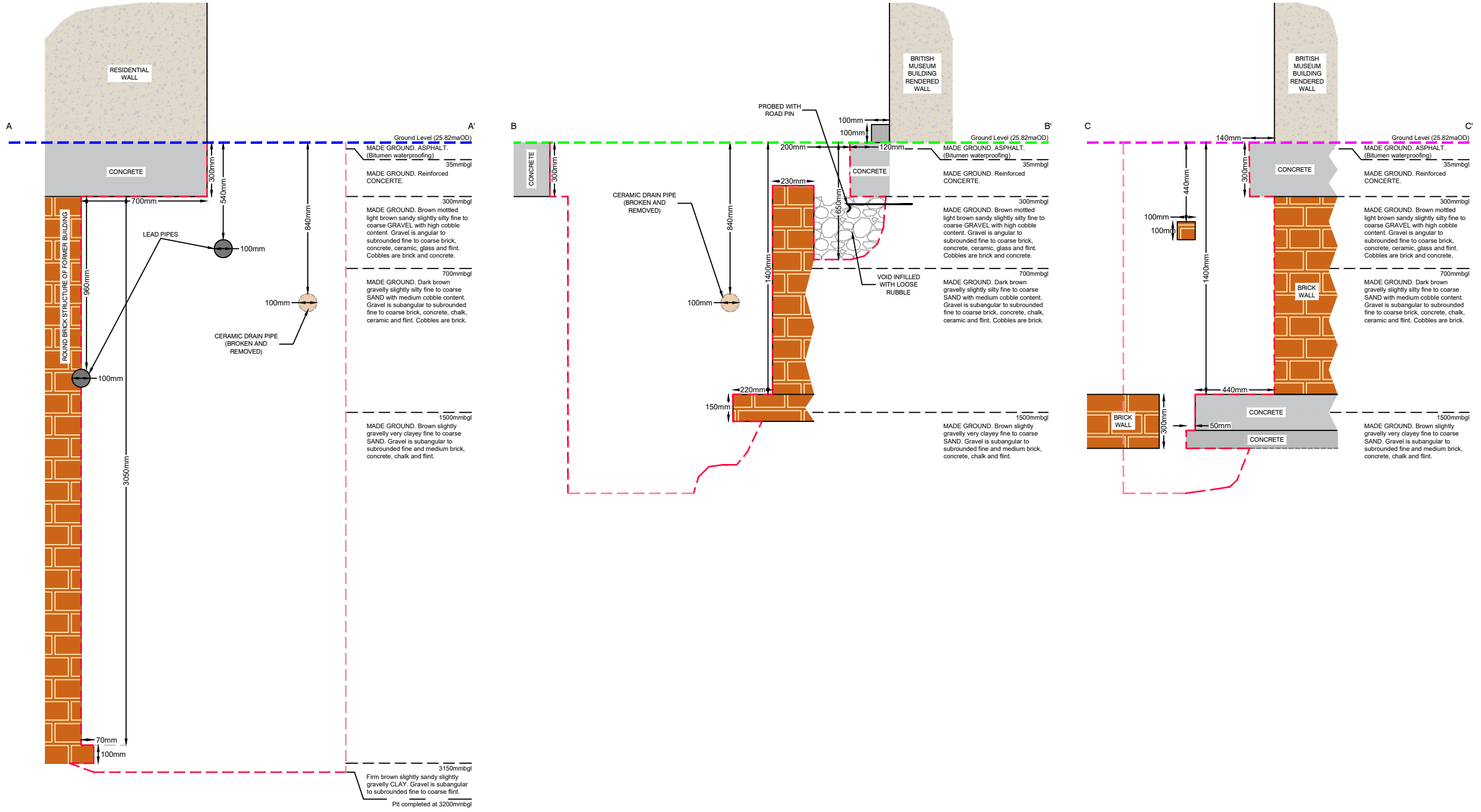
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Key :

Notes :

Client : Steadberry Restoration Ltd		
Project : The British Museum		
Job No : GN25617	Date : January 2023	
Drawing Title : TPD - Foundation Inspection Pit Sections		
Drawing No : GL25617 - TPD-S		
Scale : N/A		
Drawn by : ES	Checked by : JBL	
Eastings : 530088.83	Northings : 181796.77	
Revision history		
Rev	Date	Revision Data

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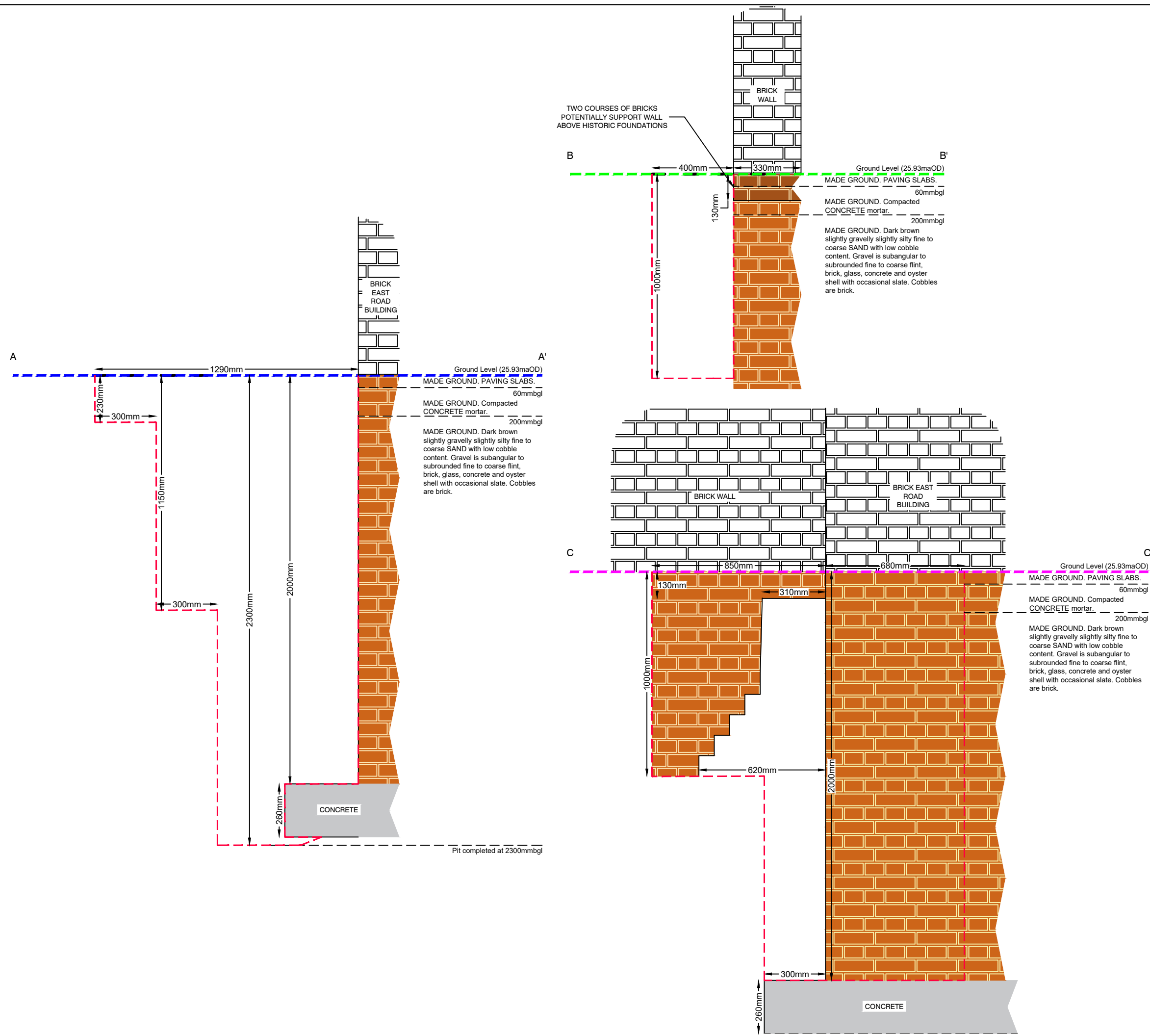
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Key :

Notes :

Client : Steadberry Restoration Ltd		
Project : The British Museum		
Job No : GN25617	Date : January 2023	
Drawing Title : TPE - Foundation Inspection Pit Sections		
Drawing No : GL25617 - TPE-S		
Scale : N/A		
Drawn by : ES	Checked by : JBL	
Eastings : 530068.78	Northings : 181617.13	
Revision history		
Rev	Date	Revision Data

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APPENDIX B

EXPLORATORY HOLE RECORDS

DATA SHEET: GROUND INVESTIGATION METHODS

This datasheet provides basic details of the methods employed during the undertaking of ground investigations. Detailed method statements may be provided if requested or further information may be obtained from the relevant British Standards or other quoted publications. Investigations are generally carried out in accordance with BS 5930:2015, "Code of practice for ground investigations", BS 10175:2011+A1:2013, "Investigation of potentially contaminated sites – Code of Practice, and BS EN ISO 1997-2:2007, "Eurocode 7 – Geotechnical design – Part 2: Ground investigation and testing".

Prior to any excavation being undertaken, service plans are obtained and/or a service tracing team may be employed to locate and mark up service locations. A surface sweep using a cable avoidance tool (CAT) is undertaken, in order to avoid services and service inspection pits are generally hand excavated prior to commencing work with any mechanical plant.

HAND EXCAVATED TRIAL PITS

Hand excavated pits may be undertaken for a variety of reasons, which include service observation pits, obtaining near surface samples, and examining foundations of existing buildings. Pits are excavated using a shovel, postholers and other suitable equipment. Shoring is necessary where pits are to be extended greater than 1.2m bgl and deep excavations may take a considerable time to undertake. Detailed records of hand excavated pits are only normally recorded where foundation depths and detailed information is required.

CABLE PERCUSSIVE BOREHOLES

The cable percussive borehole drilling rig may be towed by a 4x4 pick up or similar vehicle and is capable of forming cased boreholes to depths of up to 50m. The hole may be formed at diameters from 300mm down to the more typical 150mm, with disturbed samples obtained direct from the drilling tools. The equipment requires a minimum 2m access width, and the rig itself is 6m long (11m including tow). A rough 3m x 5m base area is required for drilling, but each site should be considered on specifics.

The technique can penetrate dense made ground, rubble and concrete or weathered rock/thin bands of rock using a chisel. However, in some cases these materials can form obstructions.

Sampling is generally carried out in accordance with BS EN ISO 22475-1:2006, "Geotechnical investigation and testing – Sampling methods and groundwater measurements - Part 1 – Technical principles for execution". A variety of disturbed samples can be obtained for both geotechnical and environmental purposes and undisturbed samples including U100 (thick walled OS-TK/W), UT100 (thin walled OS-T/W) and piston samples (PS-T/W) may be obtained. Standard in-situ testing may include Standard or Cone Penetration Tests (SPT/CPT) to BS EN ISO 22476-3:2005+A1:2011, "Geotechnical investigation and testing – Field testing – Part 3 – Standard penetration test"; vane testing in accordance with BS 1377-9:1990, "Methods of test for soils for civil engineering purposes" and permeability testing in accordance with BS EN ISO 22282-1-6:2012, Geotechnical investigation and testing – Geohydraulic testing – Parts 1 to 6.

Instrumentation/standpipes/monitoring wells can be installed, otherwise the borehole would be backfilled with spoil, or where instructed bentonite, concrete or sand may be used. Excess spoil is either removed from site or left in a tidy heap nearby.

In wet drilling conditions (beneath groundwater level) or where water needs to be added to facilitate drilling, the spoil can spread over a wide area through splashing and flow of the spoil from the tools, unless precautions are taken to prevent this. Conversely, the system can be very clean for instance when drilling through dry clay soil.


MONITORING WELL INSTALLATIONS

All types of boreholes can be fitted with monitoring wells to enable subsequent sampling and monitoring of groundwater and ground gas levels. Monitoring wells are usually of upvc or hdpe material, although steel may also be used in certain circumstances. Various diameters are available from 19mm upwards, depending upon the size of the borehole. 38mm or 50mm diameter wells are the most commonly used. Wells generally have slotted lower sections which may have a geomesh filter and then are surrounded with a filter medium such as single sized gravel. The upper sections are generally solid casing which is usually grouted to produce a seal with the surrounding ground. The top of the well is generally fitted with a removable cap that may include a gas valve to enable future gas monitoring. The installation is usually protected by a lockable cover set in a concrete base. Details of monitoring well installations and associated backfill are given on the relevant borehole records.

Project ID: GL25617	Client: Steadberry Restoration Ltd	E: 530060.80	N: 181810.51
Location: The British Museum	Consultant: Alan Baxter		
	Plant used: Hand Excavated	Date: 27/01/2023	

Geology Description	Legend	Depth	Elevation (maOD)	Sample / In-Situ Test Information			Installation & Backfill
				Type	Depth	Results / Remarks	
MADE GROUND. ASPHALT.		0.10	25.18 25.08				
MADE GROUND. Brown very gravelly slightly clayey fine to coarse SAND with low cobble content. Gravel is angular and subangular fine to coarse brick, concrete, flint and asphalt. Cobbles are brick.		0.57	24.61				
MADE GROUND. Dark brown sandy gravelly CLAY. Gravel is angular and subangular fine to coarse brick, concrete, flint and animal bone. Occasional roots ~2cm diameter.		1.20	23.98				
MADE GROUND. Light grey gravelly fine to coarse SAND. Gravel is angular and subangular fine to coarse brick and concrete. Occasional roots ~2cm diameter. Trial pit terminated at 1.25m.		1.25	23.93				


Weather: Cloudy and dry	Water Strike				
Pit Stability: Stable	Date	Water Strike (m)	Time Elapsed (mins)	Standing Level (m)	Remarks
Shoring Used: No					No groundwater encountered

Pit Dimensions: L: 1.00m x W: 1.00m		Remarks 1. Backfill: GL to 1.25m arisings.
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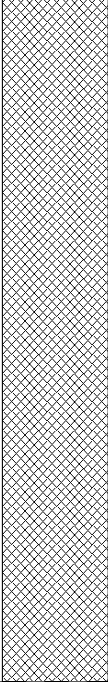

Project ID: GL25617	Client: Steadberry Restoration Ltd	E: 530069.97	N: 181816.59
Location: The British Museum	Consultant: Alan Baxter		
	Plant used: Hand Excavated	Date: 13/01/2023	


Geology Description	Legend	Depth	Elevation (maOD)	Sample / In-Situ Test Information			Installation & Backfill
				Type	Depth	Results / Remarks	
MADE GROUND. ASPHALT. (Bitumen waterproofing)		0.03	25.98				
MADE GROUND. Reinforced CONCRETE. <i>At 0.08m: Reinforcement bars ~5mm diameter.</i>		0.20	25.81				
MADE GROUND. Brown sandy fine to coarse GRAVEL with high cobble content. Gravel is angular to subrounded fine to coarse brick, concrete and flint. Cobbles are brick.		0.60	25.41				
MADE GROUND. Dark brown gravelly clayey fine to coarse SAND with low cobble content. Occasionally clayey. Gravel is subangular to subrounded fine to coarse brick, concrete and flint. Cobbles are brick.							
Firm brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse flint. Trial pit terminated at 3.80m.		3.70 3.80	22.31 22.21				

Weather: Cloudy and dry	Water Strike				
Pit Stability: Stable	Date	Water Strike (m)	Time Elapsed (mins)	Standing Level (m)	Remarks
Shoring Used: Yes					No groundwater encountered



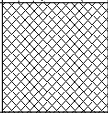
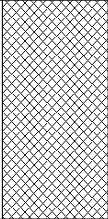
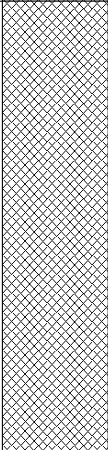

Pit Dimensions: L: 1.13m x W: 1.23m	Remarks				
Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com	1. Backfill: GL to 3.80m arisings.				
		Logged by: J. Blyth / O. Sioufi		Checked by: J. Blyth	


Project ID: GL25617	Client: Steadberry Restoration Ltd	E: 530084.58	N: 181802.22
Location: The British Museum	Consultant: Alan Baxter		
	Plant used: Hand Excavated	Date: 25/01/2023	

Geology Description	Legend	Depth	Elevation (maOD)	Sample / In-Situ Test Information			Installation & Backfill
				Type	Depth	Results / Remarks	
MADE GROUND. ASPHALT. (Bitumen waterproofing)		0.03	26.05				
MADE GROUND. Reinforced CONCRETE.		0.24	25.84				
<i>At 0.20m: Reinforcement bars ~8mm diameter.</i>		0.30	25.78				
MADE GROUND. Light brown fine to coarse SAND with low cobble content. Cobbles are brick and flint.				ES1	0.50		
MADE GROUND. Dark brown gravelly slightly clayey fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse brick, concrete, flint, metal, slate, animal bone, ceramic and oyster shell with rare clay pipe. Cobbles are brick, tile and concrete.				ES2	1.00		
Brown slightly sandy CLAY.		3.00	23.08				
Trial pit terminated at 3.10m.		3.10	22.98				

Weather: Cloudy and dry	Water Strike				
Pit Stability: Stable	Date	Water Strike (m)	Time Elapsed (mins)	Standing Level (m)	Remarks
Shoring Used: No					No groundwater encountered
Pit Dimensions: L: 1.50m x W: 0.95m	Remarks				
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		Logged by: O. Sioufi	Checked by: J. Blyth	Fm-Hn-R-3069-Rev E	

Project ID: GL25617	Client: Steadberry Restoration Ltd	E: 530088.83	N: 181796.77
Location: The British Museum	Consultant: Alan Baxter		
	Plant used: Hand Excavated / Hilti DD 250 Diamond Coring Drill	Date: 10/01/2023	

Geology Description	Legend	Depth	Elevation (maOD)	Sample / In-Situ Test Information			Installation & Backfill
				Type	Depth	Results / Remarks	
MADE GROUND. ASPHALT. (Bitumen waterproofing) MADE GROUND. Reinforced CONCRETE. <i>At 0.20m: Reinforcement bars ~5mm diameter.</i>		0.04	25.78				
MADE GROUND. Brown mottled light brown sandy slightly silty fine to coarse GRAVEL with high cobble content. Gravel is angular to subrounded fine to coarse brick, concrete, ceramic, glass and flint. Cobbles are brick and concrete.		0.30	25.52				
MADE GROUND. Dark brown gravelly slightly silty fine to coarse SAND with medium cobble content. Gravel is subangular to subrounded fine to coarse brick, concrete, chalk, ceramic and flint. Cobbles are brick. <i>From 1.00m: Becoming light greyish brown.</i>		0.70	25.12				
MADE GROUND. Brown slightly gravelly very clayey fine to coarse SAND. Gravel is subangular to subrounded fine and medium brick, concrete, chalk and flint.		1.50	24.32				
Firm brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse flint. Trial pit terminated at 3.20m.		3.15 3.20	22.67 22.62				

Weather: Cloudy and dry	Water Strike				
Pit Stability: Stable	Date	Water Strike (m)	Time Elapsed (mins)	Standing Level (m)	Remarks
Shoring Used: No					No groundwater encountered
Pit Dimensions: L: 1.10m x W: 0.93m	Remarks				
Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com			1. Hand excavated from GL to 3.05m. 2. Hilti drill from 3.05m to 3.20m. 3. Backfill: GL to 3.20m arisings.		
Logged by: J. Blyth			Checked by: J. Blyth		Fm-Hn-R-3069-Rev E

Project ID: GL25617	Client: Steadberry Restoration Ltd	E: 530068.78	N: 181817.13
Location: The British Museum	Consultant: Alan Baxter		
	Plant used: Hand Excavated	Date: 23/01/2023	

Geology Description	Legend	Depth	Elevation (maOD)	Sample / In-Situ Test Information			Installation & Backfill
				Type	Depth	Results / Remarks	
MADE GROUND. PAVING SLABS.		0.06	25.93				
MADE GROUND. Compacted CONCRETE mortar.			25.87				
MADE GROUND. Dark brown slightly gravelly slightly silty fine to coarse SAND with low cobble content. Gravel is subangular to subrounded fine to coarse flint, brick, glass, concrete and oyster shell with occasional slate. Cobbles are brick. <i>At 0.60m: Bone fragment.</i> <i>From 0.60m: Occasional pockets of orangish brown slightly sandy clay.</i>		0.20	25.73	ES1	0.30		
				ES2	0.80		
<i>At 1.40m: Possible asbestos board fragment.</i>				ES3	1.40	Bulk ACM	
<i>At 1.70m: Lead roofing material fragment.</i>				ES4	1.70		
Trial pit terminated at 2.30m.		2.30	23.63				

Weather: Cloudy and dry	Water Strike				
Pit Stability: Stable	Date	Water Strike (m)	Time Elapsed (mins)	Standing Level (m)	Remarks
Shoring Used: No					No groundwater encountered
Pit Dimensions: L: 1.29m x W: 1.53m	Remarks				
Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com			1. Backfill: GL to 2.30m arisings.		
	Logged by: J. Blyth		Checked by: J. Blyth		Fm-Hn-R-3069-Rev E

Project ID: GL25617	Client: Steadberry Restoration Ltd	E: 530063.81	N: 181808.10
Location: The British Museum	Consultant: Alan Baxter	Date: 19/01/2023 - 20/01/2023	
	Plant used: Dando 1500 Cable Percussive Rig	SPT Hammer Serial No: GEH2 (ER: 75%)	

Geology Description	Legend	Depth (m)	Elevation (maOD)	Sample / In-Situ Test Information			Date - Depth (m) Casing (Water)	Installation & Backfill
				Type	Depth	Results / Remarks		
MADE GROUND. ASPHALT.		0.10	24.73					
MADE GROUND. Dark brown very sandy clayey GRAVEL with low cobble content. Gravel is angular and subangular fine to coarse brick, flint, concrete, asphalt and tile. Cobbles are brick. Occasional animal bone.		0.70	24.13	D1 ES1	0.30 0.30			
MADE GROUND. Soft dark brown sandy gravelly CLAY with low cobble content. Gravel is subangular to subrounded fine to coarse brick and flint. Cobbles are brick.		1.90	22.93	SPT(C) B1	1.50 1.50	N=8 (1,1/2,2,2,2)	- (Dry)	
Firm brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse flint. Becoming gravelly with depth.		2.80	22.03	D3 ES3	2.00 2.00			
Medium dense brown fine to coarse SAND and angular to subangular fine to coarse GRAVEL of flint.		3.50	22.03	SPT(C) B2	2.50 2.50	50 (3,5/10,14,20,6 for 4mm)	2.50 (Dry)	
		4.00		D4	3.00			
		3.50		SPT(C) B3	3.50 3.50	N=26 (4,4/5,6,8,7)	3.50 (2.90)	
		4.50		D5	4.00			
<i>From 4.50m: Becoming dense.</i>		4.50		SPT(C) B4	4.50 4.50	N=37 (3,6/9,9,10,9)	4.50 (4.02)	
<i>At 5.25m: Clayey pockets.</i>		5.25		D6	5.25			
<i>From 6.00m: Becoming medium dense.</i>		6.00		SPT(C) B5	6.00 6.00	N=13 (2,2/3,3,3,4)	6.00 (5.80)	
Stiff brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse flint.		6.10	18.73				19/01/2023 - 6.10 6.00 (5.80)	
Stiff grey CLAY.		6.70	18.13				20/01/2023 - 6.10 6.00 (5.80)	
		6.50		SPT(C) D7	6.50	N=16 (1,2/3,4,4,5)	6.30 (Dry)	
		6.50 - 6.95		D8	7.25			
		8.50		UT1	8.50	Blows = 35. 100% recovered.		
		8.95		D9	8.95			
		9.00		B6	9.00			
<i>At 9.50m: Possible fine selenite.</i>		9.50		SPT(C) D10	9.50 9.50 - 9.95	N=23 (2,3/5,5,6,7)	6.30 (Dry)	

Chiselling Details		Water Added Records		Water Strike						
Depths (m)	Duration (hh:mm)	Depths (m)	Litres	Date	Strike Depth (m)	Depth Sealed (m)	Casing Depth (m)	Time Elapsed (mins)	Standing Level (m)	Remarks
				19-01-2023	5.50			20	4.95	

Hole Diameter by Depth		Casing Diameter by Depth		Remarks:
Depth (m)	Diameter (mm)	Depth (m)	Diameter (mm)	
15.00	150	6.30	150	1. Inspection pit from GL to 1.20m. 2. Installation: 50mm standpipe GL to 1.00m plain, 1.00m to 7.00m slotted, fitted with gas tap, bung and flush cover. 3. Backfill: GL to 0.90m bentonite pellets, 0.90m to 7.00m gravel, 7.00m to 15.00m bentonite pellets.

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Project ID: GL25617	Client: Steadberry Restoration Ltd	E: 530063.81	N: 181808.10
Location: The British Museum	Consultant: Alan Baxter	Date: 19/01/2023 - 20/01/2023	
	Plant used: Dando 1500 Cable Percussive Rig	SPT Hammer Serial No: GEH2 (ER: 75%)	

Geology Description	Legend	Depth (m)	Elevation (maOD) 24.83	Sample / In-Situ Test Information			Date - Depth (m) Casing (Water)	Installation & Backfill
				Type	Depth	Results / Remarks		
Stiff grey CLAY. At 11.00m: Bands of fine sand. From 14.00m: Becoming slightly sandy.				D11	10.25		6.30 (Dry)	
				UT2	11.00	Blows = 40. 100% recovered.		
				D12	11.45			
				B7	12.00			
				SPT(C) D13	12.50 12.50 - 12.95	N=28 (3,5/6,7,7,8)		
				D14	13.25			
				UT3	14.00	Blows = 51. 100% recovered.		
				D15	14.45			
				D16	15.00			
				Borehole completed at 15.00m.		15.00		

Chiselling Details		Water Added Records		Water Strike						
Depths (m)	Duration (hh:mm)	Depths (m)	Litres	Date	Strike Depth (m)	Depth Sealed (m)	Casing Depth (m)	Time Elapsed (mins)	Standing Level (m)	Remarks
				19-01-2023	5.50			20	4.95	

Hole Diameter by Depth		Casing Diameter by Depth		Remarks:
Depth (m)	Diameter (mm)	Depth (m)	Diameter (mm)	
15.00	150	6.30	150	

1. Inspection pit from GL to 1.20m.
2. Installation: 50mm standpipe GL to 1.00m plain, 1.00m to 7.00m slotted, fitted with gas tap, bung and flush cover.
3. Backfill: GL to 0.90m bentonite pellets, 0.90m to 7.00m gravel, 7.00m to 15.00m bentonite pellets.

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Project ID: GL25617	Client: Steadberry Restoration Ltd	E: 530076.89	N: 181791.35
Location: The British Museum	Consultant: Alan Baxter	Date: 16/01/2023 - 18/01/2023	
	Plant used: Dando 1500 Cable Percussive Rig	SPT Hammer Serial No: GEH2 (ER: 75%)	

Geology Description	Legend	Depth (m)	Elevation (maOD)	Sample / In-Situ Test Information			Date - Depth (m) Casing (Water)	Installation & Backfill
				Type	Depth	Results / Remarks		
MADE GROUND. ASPHALT.		0.10	24.71					
MADE GROUND. Dark grey sandy clayey GRAVEL. Gravel is subangular to subrounded fine to coarse brick, flint and asphalt.		0.25	24.56	D1	0.20			
				ES1	0.20			
		0.60	24.21	PID01	0.20	0.1ppm		
				D2	0.50			
MADE GROUND. Brown sandy slightly clayey GRAVEL. Gravel is subangular to subrounded fine to coarse brick, flint and animal bone.				ES2	0.50			
At 0.40m: Cobbles of flint (old road).				PID02	0.50	0.0ppm		
At 0.50m: Cobbles of brick.				B1	1.00 - 1.20			
MADE GROUND. Soft brown sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse brick, flint and possible clinker.				D3	1.00			
				ES3	1.00			
		1.95	22.86	PID03	1.00	0.0ppm		
Firm to stiff brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse flint.				SPT(C)	1.50	N=7 (1,1/2,2,1,2)	- (Dry)	
From 2.50m: Becoming gravelly.				B2	1.50 - 1.95			
Dense brown fine to coarse SAND and angular to subangular fine to coarse GRAVEL of flint.				D4	2.00			
				ES4	2.00			
		2.60	22.21	PID04	2.00	0.0ppm	2.50 (2.30)	
				SPT(C)	2.50	50 (9,16/50 for 55mm)		
				B3	2.50			
				D5	3.00			
				SPT(C)	3.50	N=30 (2,4/6,6,8,10)	3.50 (3.10)	
				B4	3.50			
				D6	4.00			
				SPT(C)	4.50	50 (5,8/20,30 for 70mm)	4.50 (4.00)	
From 4.50m: Becoming very dense.				B5	4.50			
				D7	5.25			
				SPT(C)	6.00	N=19 (4,6/5,5,4,5)	6.00 (5.00)	
From 6.00m: Becoming medium dense.		6.20	18.61	B6	6.00			
From 6.10m: Pockets of brown clay.				D8	6.40 - 6.60			
Stiff brown slightly sandy CLAY with occasional gravel of subangular to subrounded fine to coarse flint.		6.40	18.41	D9	6.60			
Medium strong CLAYSTONE with occasional feldspar content.		6.60	18.21					
Stiff grey CLAY.				SPT(C)	7.50	N=20 (1,3/4,5,5,6)	6.40 (Dry)	
				D10	7.50 - 7.95			
				D11	8.25			
				UT1	9.00 - 9.45	Blows = 41. 100% recovered.		
				D12	9.45			
				B7	10.00			

Chiselling Details		Water Added Records		Water Strike						
Depths (m)	Duration (hh:mm)	Depths (m)	Litres	Date	Strike Depth (m)	Depth Sealed (m)	Casing Depth (m)	Time Elapsed (mins)	Standing Level (m)	Remarks
				17-01-2023	5.40			20	5.02	
				18-01-2023	12.60					Seepage

Hole Diameter by Depth		Casing Diameter by Depth		Remarks:
Depth (m)	Diameter (mm)	Depth (m)	Diameter (mm)	
15.00	150	6.40	150	1. Inspection pit from GL to 1.20m. 2. Installation: 50mm standpipe GL to 1.00m plain, 1.00m to 8.00m slotted, fitted with gas tap, bung and flush cover. 3. Backfill: GL to 0.90m bentonite pellets, 0.90m to 8.00m gravel, 8.00m to 15.00m bentonite pellets.

Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com	
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Project ID: GL25617	Client: Steadberry Restoration Ltd	E: 530076.89	N: 181791.35
Location: The British Museum	Consultant: Alan Baxter	Date: 16/01/2023 - 18/01/2023	
	Plant used: Dando 1500 Cable Percussive Rig	SPT Hammer Serial No: GEH2 (ER: 75%)	

Geology Description	Legend	Depth (m)	Elevation (maOD) 24.81	Sample / In-Situ Test Information			Date - Depth (m) Casing (Water)	Installation & Backfill
				Type	Depth	Results / Remarks		
Stiff grey CLAY. At 11.00m: <i>Fine selenite.</i> At 12.60m: <i>Band of fine sand.</i> Borehole completed at 15.00m.				SPT(C) D13	10.50 10.50 - 10.95	N=27 (2,4/6,6,7,8)	6.40 (Dry)	
				D14	11.25			
				UT2	12.00 - 12.45	Blows = 55. 100% recovered.		
				D15	12.50			
				SPT(C) D16	13.50 13.50 - 13.95	N=28 (3,5/6,7,7,8)	6.40 (Dry)	
				UT3	14.50 - 14.95	Blows = 59. 100% recovered.		
				D17	15.00		17/01/2023 - 15.00 6.40 (14.40)	

Chiselling Details		Water Added Records		Water Strike						
Depths (m)	Duration (hh:mm)	Depths (m)	Litres	Date	Strike Depth (m)	Depth Sealed (m)	Casing Depth (m)	Time Elapsed (mins)	Standing Level (m)	Remarks
				17-01-2023	5.40			20	5.02	
				18-01-2023	12.60					Seepage

Hole Diameter by Depth		Casing Diameter by Depth		Remarks:
Depth (m)	Diameter (mm)	Depth (m)	Diameter (mm)	
15.00	150	6.40	150	

1. Inspection pit from GL to 1.20m.
 2. Installation: 50mm standpipe GL to 1.00m plain, 1.00m to 8.00m slotted, fitted with gas tap, bung and flush cover.
 3. Backfill: GL to 0.90m bentonite pellets, 0.90m to 8.00m gravel, 8.00m to 15.00m bentonite pellets.

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