Boring Metho Dismantlable C Rig	d					SG12 7QE	New Oxford Street site, London WC1A 1JJ	BH1
			Casing D	liameter	Ground	Level (mOD)	Client	dol
Rig	Cable Percussion	De 7.0	pth	Diameter 150		25.25	Sollidon Limited	Number J15190
		Location		150		Dates	Engineer	Sheet
					09/0	07/2015 -	Mason Navarro Pledge	Sheet 1 of 3
Depth		Casing	Water		10/ Level	07/2015 Depth (m)	-	
(m)	Sample / Tests		Depth (m)	Field Records	(mOD)	(Thickness)	Description Ground Floor Slab	Legend
					24.95	(0.30) 0.30		
8.50 4.00 - 4.45 4.00 - 4.45 4.00 - 4.45 5.00 - 5.45 5.00 - 5.45	D1 B2 SPT (C)N=44 D3 B4 SPT (C)N=46 D5			N=44 (5,6/9,11,12,12) N=46 (6,9/11,11,10,14 )	22.25 21.95	(3.20)	Basement Void Basement Slab Dense dark orange-brown becoming yellowish and brown slightly silty very sandy fine to coarse angular to rounded GRAVEL	
								×××
5.50 - 6.95 5.50 - 6.95	B6 SPT (C)N=15			N=15	18.75	6.50 (0.25) 6.75	Stiff fissured brown silty CLAY	××
				(1,2/3,3,4,5)	18.50	L 6.75	Stiff becoming very stiff fissured high strength becoming very	××
						-	high strength dark grey silty CLAY with partings of pale grey fine sand, fine selenite, occasional fine white shells and	<u> </u>
<b>7.50</b>	D7					Ē	pyrite nodules	×_×_
						F		<u> </u>
8.00 - 8.45	D8					-		<u> </u>
3.00 - 8.45	SPT (C)N=18			N=18				<u> </u>
				(1,2/3,4,5,6)		-		××
						Ē		××
0.00	D9					<u>-</u>		××
						L F		××
9.50 - 9.95	U10							<u> </u>
								<u>×                                    </u>
						-		××
Remarks	1	1				1	Continued on Next Page Scale	Logged
	o position for 3 hr	s.					(approx) 1:50	By Ml
Groundwater r	monitoring standp nd moving equipm	ipe install						

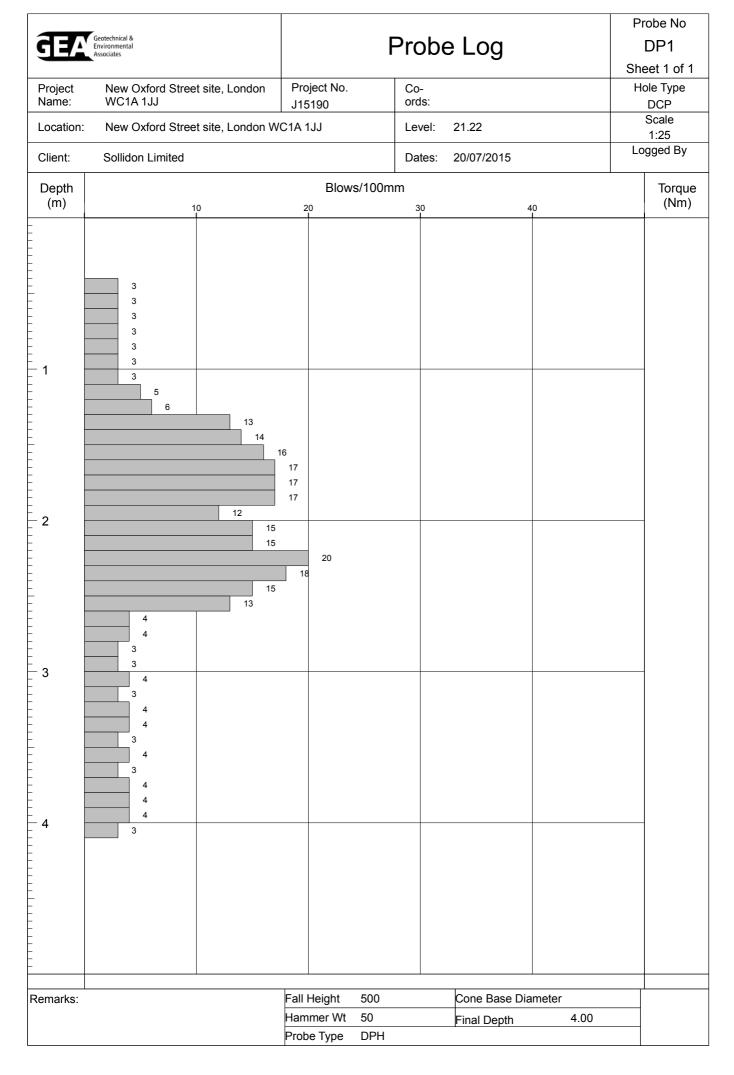
<b>d 7</b>	Geotechnical & Environmental Associates					Widbury Hill Ware	New Oxford Street site, London WC1A 1JJ		Number	
Boring Method			Cosing	liamator	Ground	SG12 7QE			Job	
Dismantlable Cable Percussion		Casing Diameter Depth Diameter			Ground Level (mOD)				Numbe	
Rig	able Percussion	7.0	00	150		25.25	Sollidon Limited		J15190	
		Location				<b>Dates</b> 07/2015 -	Engineer		Sheet	
	T				10/	07/2015	Mason Navarro Pledge		Sheet 2	
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	
						_			×	
0.50	D11					_			×	
10.50	D11					-			×	
						-			×	
L1.00 - 11.45 L1.00 - 11.45	D12 SPT (S)N=23			N=23		-			×	
				(2,4/5,5,6,7)		-			×	
						-			×	
						_			×	
12.00	D13					 _			<u>×_</u>	
						-			<u>×</u>	
L2.50 - 12.95	U14					-			<u>x</u> _	
						_			×	
						-			×	
									×	
13.50	D15					_			<u>×_</u>	
13.30	015					-			<u></u>	
						-			<u>xx</u>	
14.00 - 14.45 14.00 - 14.45	D16 SPT (S)N=24			N=24		_			<u></u>	
11.00 11.15	511 (5)11 24			(3,4/5,6,6,7)		_			<u></u>	
						-			<u></u>	
15.00	D17					(18.25)	less silty between 15.00 m and 16.50 m		<u></u>	
						-			<u></u>	
15.50 - 15.95	U18					_			<u></u>	
						-			<u></u>	
						-				
						-			<u></u>	
16.50	D19					_				
10.50	019					_				
				/ 4		-				
17.00 - 17.15	SPT (C)			55 (55 for 75mm/55 for		_	claystone encountered at 17.00 m		×	
				75mm)		-			×	
17.00 - 17.45	D20								×	
									×	
18.00	D21					 				
									×	
18.50	U22								×	
						-			×	
									×	
						_ 			×	
19.50	D23					L 			×	
	-								×	
20.00 - 20.45	D24								×	
	- <b>-</b> ·						Continued on Next Page	Scale	Logged	
Remarks								(approx)	Ву	
	position for 3 hr		od to 7 0	) m				1:50	ML	
	nonitoring standp d moving equipm									
				ing tor 5 mis.						

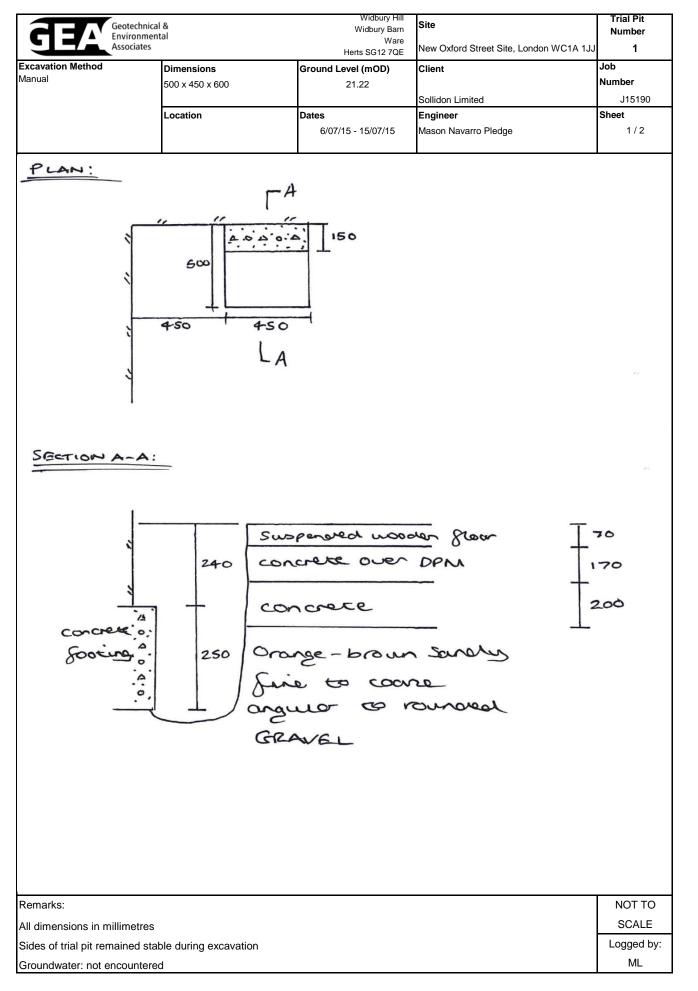
<u>g</u> e/	Geotechnical & Environmental Associates					Widbury Hill Ware SG12 7QE	Site New Oxford Street site, London WC1A 1JJ		Numbe
Boring Method	d	Casing Diameter			Ground	Level (mOD)	Client		Job
	able Percussion	Depth Diameter 7.00 150		1 1		Sollidon Limited		Number J15190	
Rig		Location		120		5.25	Engineer		Sheet
					09/0	7/2015 -	Mason Navarro Pledge		Sheet 3
Depth	a	Casing	Water		Level	D7/2015 Depth (m)			
(m) 0.00 - 20.45	Sample / Tests SPT (S)N=34	Depth (m)	Depth (m)	Field Records	(mOD)	(Thickness)	Description		Legend
20.45	511 (5)14-54			(5,5/8,8,9,9)		_ _ _			
						_			<u></u>
						-			<u></u>
1.00	D25					-	frequent white shells below 21.00 m		<u> </u>
						- - -			<u> </u>
1.50 - 21.95	U26					_			×_×_;
						_ _ _			x
2.00 - 22.45	D27					_			×_×_
2.00 - 22.45	SPT (S)N=36			N=36		- - -			×
				(6,7/8,9,9,10)		_			<u>×</u> ,
						-			×
3.00	D28					_			×
						-			×
3.50 - 23.95	D29								×
3.50 - 23.95	SPT (S)N=39			N=39		-			×>
				(7,8/9,9,10,11)		_ _ 			<u> </u>
4.25	D30					_			×
4.50 - 24.95	SPT (S)N=40			N=40		_ _ 			
				(6,8/8,9,11,12)		-			
4.55	D31				0.25	25.00			×
						_	Complete at 25.000m		
						_			
						_			
						_			
						_			
						_			
						_ 			
						-			
						_			
						_			
						-			
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						-			
								Scale	Logged
emarks								(approx)	Ву
loving rig into	position for 3 hr. nonitoring standp	S. Nine inctall	ed to 7 0	Jm			:	1:50	ML
rounuwdter f	d moving equipm			J 111.					

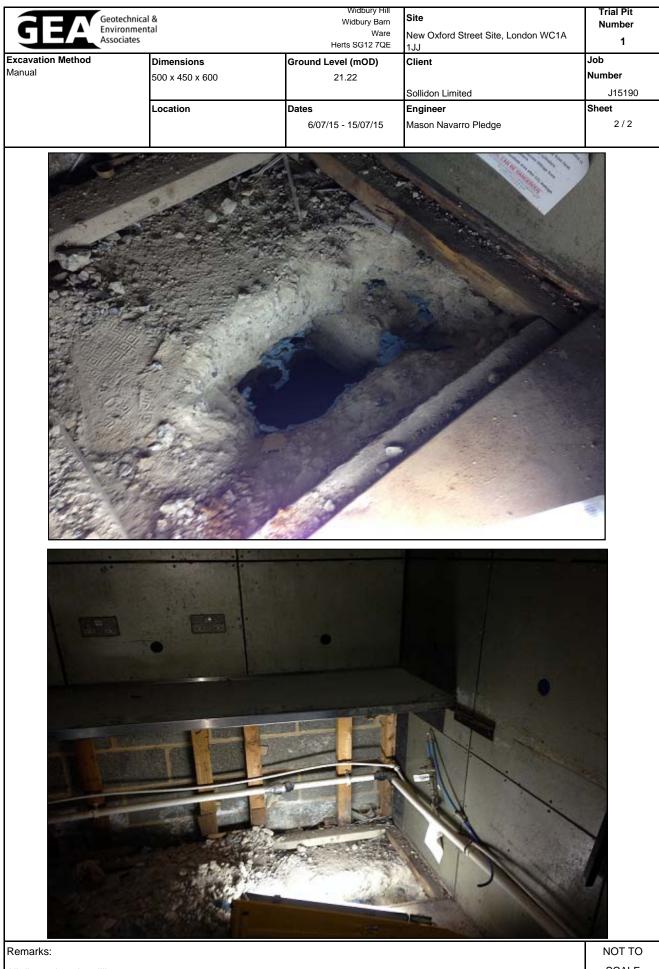
	Geotechnical & Environmental					Widbury Barr Widbury Hil Ware	Site	Numbe
	Associates	1				SG12 7QE	New Oxford Street site, London WCIA IJJ	BH2
ring Metho	d		Casing Di		Ground	Level (mOD)	Client	Job Numbe
ive-in Windo	ow Sampler	Dej	oth	Diameter		21.22	Sollidon Limited	J15190
		Location				Dates	Engineer	Sheet
					20	/07/2015	Mason Navarro Pledge	Sheet 1
Depth	Sample / Tests	Casing	Water	Field Records	Level	Depth (m)	Description	Legend
(m)	Sample / lesis	Depth (m)	Depth (m)	Field Records	(mOD)	(Thickness)	Suspended Wood Floor	xxxxxxx
					21.14 21.03		Water proof membrane over concrete over DPM	
					20.93	_ (0.31)	Blinding concrete Dark orange-brown sandy fine to coarse subangular to	
					20.62	- 0.60	rounded GRAVEL. Sand is medium to coarse	
						(0.90)	Dark orange-brown slightly gravelly medium to coarse SAND. Gravel is fine to coarse angular to rounded	
						_ (0.50)		
					19.72	- 1.50		
						(0.30)	Brown sandy fine to coarse angular to well-rounded GRAVEL. Sand is coarse	
					19.42	- 1.80	Complete at 1.800m	1
						-		
						_		
						-		
						_		
						-		
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								1
marks							Scale (approx)	Logged By
	nced through the						1:50	ML
	1.80 m due to de							1

						SG12 7QE	New Oxford Street site, London WC1A 1JJ	BH3
ring Method	-		Cacina Di	ameter	Ground			Job
		Dev	Casing Di		Ground	Level (mob)	Client	Numbe
ive-in Windo	w Sampler	Dej	bth	Diameter	-		Sollidon Limited	J15190
		Location				Dates	Engineer	Sheet
					20/	07/2015	Mason Navarro Pledge	Sheet 1
Depth		Casing	Water		Level	07/2015 Depth (m)		
(m)	Sample / Tests	Depth (m)	Depth (m)	Field Records	(mOD)	(Thickness)	Description	Legend
						- (0.20) - 0.20	Laminate floor over concrete	
							Made Ground (dark brown clayey silt with gravel, brick, coal, slate and china fragments and lumps of brown clay)	
						- (0.80)		
						_		
						1.00	Brown silty medium SAND and fine to coarse angular to	<u> </u>
							rounded GRAVEL with pockets of bluish grey clayey silt	
						_ (0.80)		
						-		
						- 1.80 - (0.30)	Dark orange-brown gravelly medium to coarse SAND. Gravel	1
						- 2.10	is angular to rounded gravel Complete at 2.100m	
						_		
						_		
						_		
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narks	1	1			ıl		Scale	Logged
							(approx)	Ву
	nced through the						1:50	

	Geotechnical & Environmental Associates					Widbury Hill Ware SG12 7QE	New Oxford Street site, London WC1A 1JJ	Numbe	
ring Metho	d		Casing Di	ameter	Ground	Level (mOD)	Client	Job	
ive-in Windo		De	pth	Diameter	1		Sollidon Limited	Numbe J15190	
		Location				22.74 Dates	Engineer		
		Location					Mason Navarro Pledge	Sheet 1	
Depth		Casing	Water		20/ Level	/07/2015 Depth (m)		_	
(m)	Sample / Tests	Depth (m)	Depth (m)	Field Records	(mOD)	(Thickness)	Description	Legend	
					22.54	- (0.20) - 0.20	Concrete Made Ground (dark brown sandy silt with gravel, brick,		
						-	timber and coal fragments)		
						(1.25)			
						-			
					21.29	_ 1.45 _ (0.35)	Firm brown silty sandy gravelly CLAY. Gravel is fine to	 Z	
					20.94		medium subrounded Brown medium to coarse SAND with fine to coarse angular	×	
					20.74	1.80 (0.20) 2.00	to subrounded gravel		
							Complete at 2.000m		
						[  -			
						-			
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						E			
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						-			
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marks							Scale (approx)	Logged By	
	nced through the	hase of Tr	ial Dit 16 a	t 0 80 m			1:50	ML	

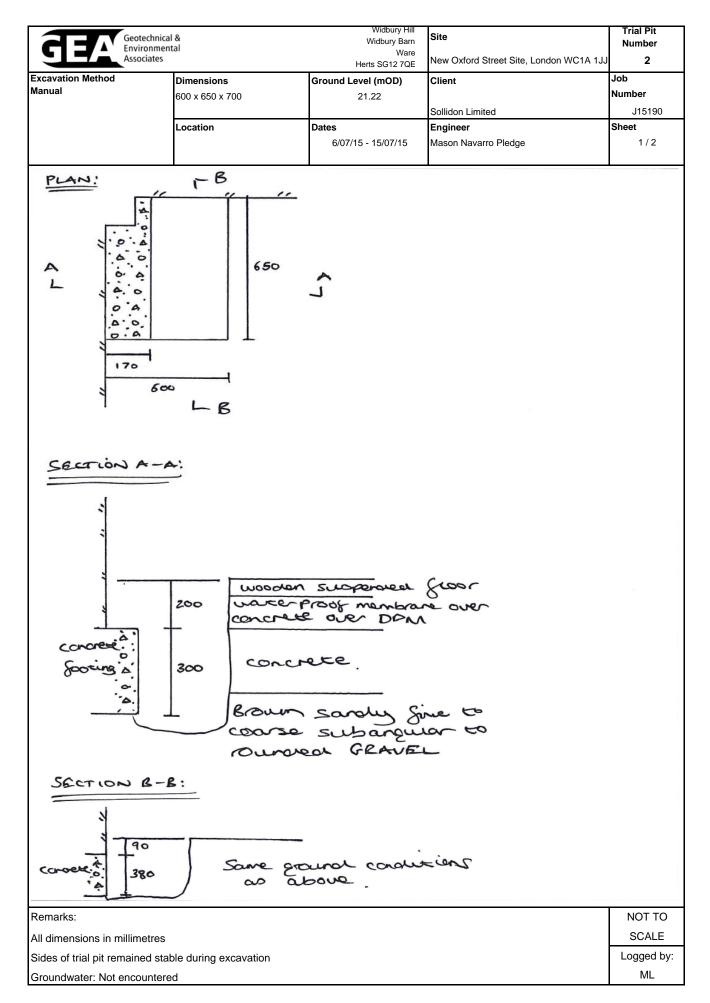




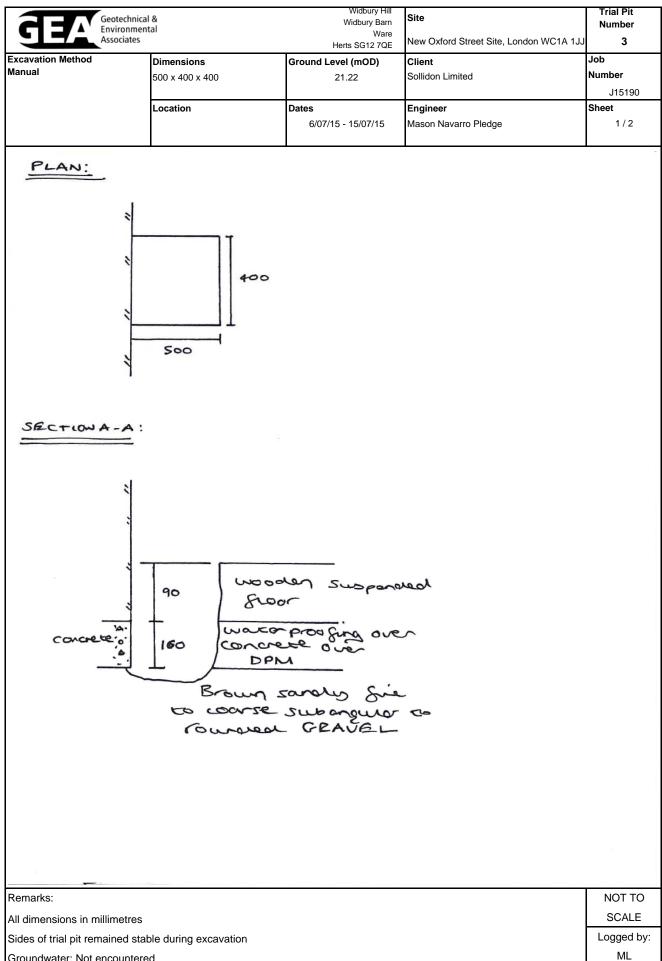


All dimensions in millimetres Sides of trial pit remained stable during excavation Groundwater: not encountered

## NOT TO SCALE Logged by: ML





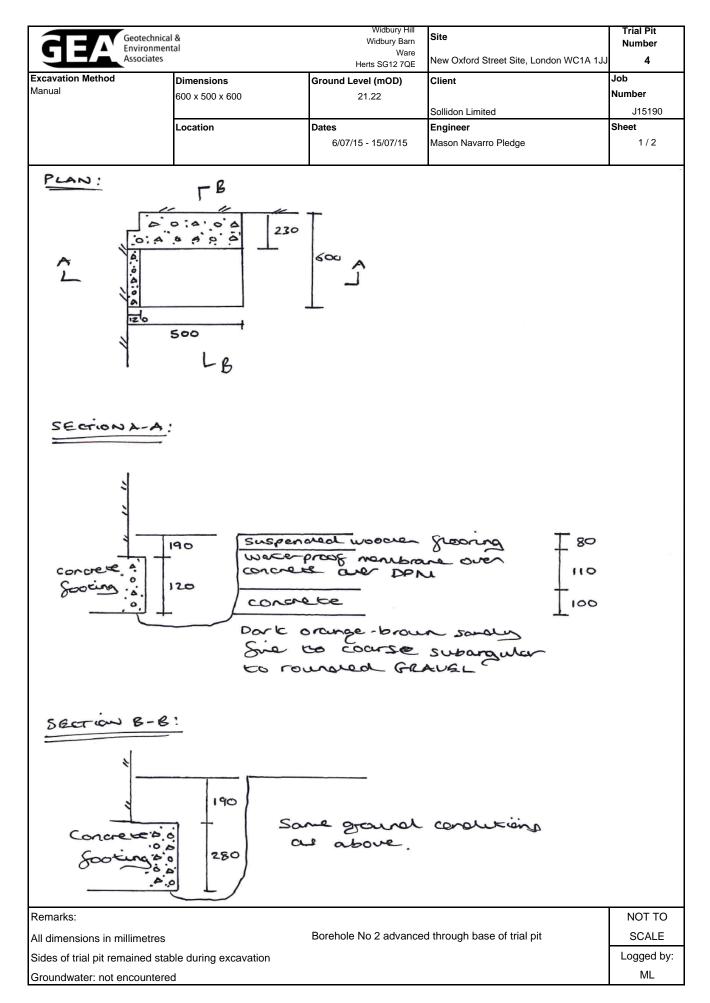




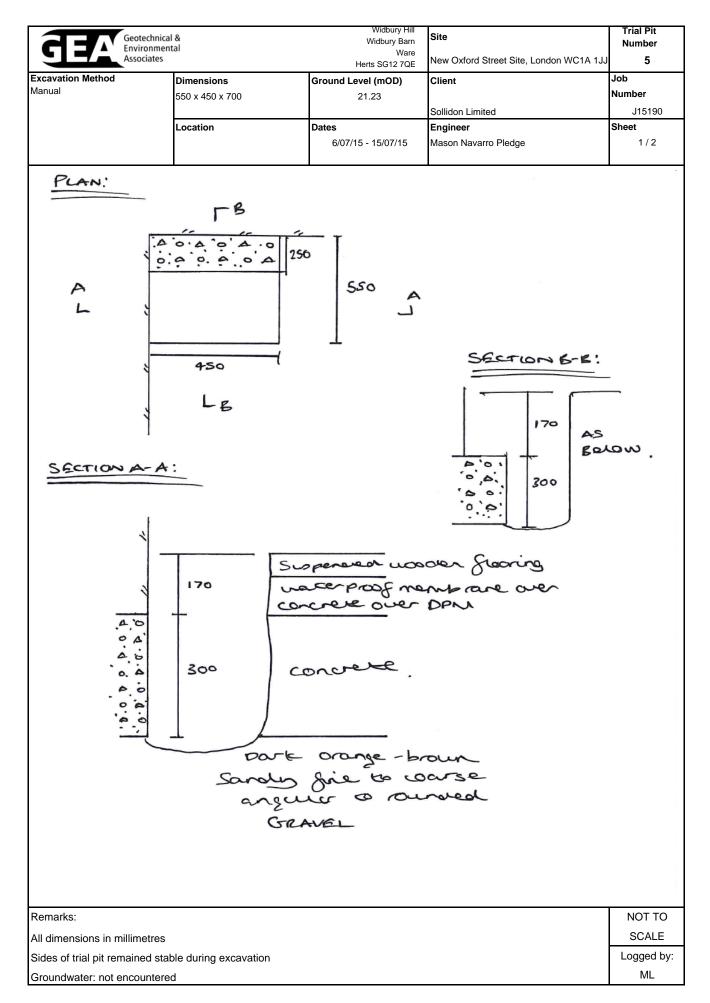
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ML

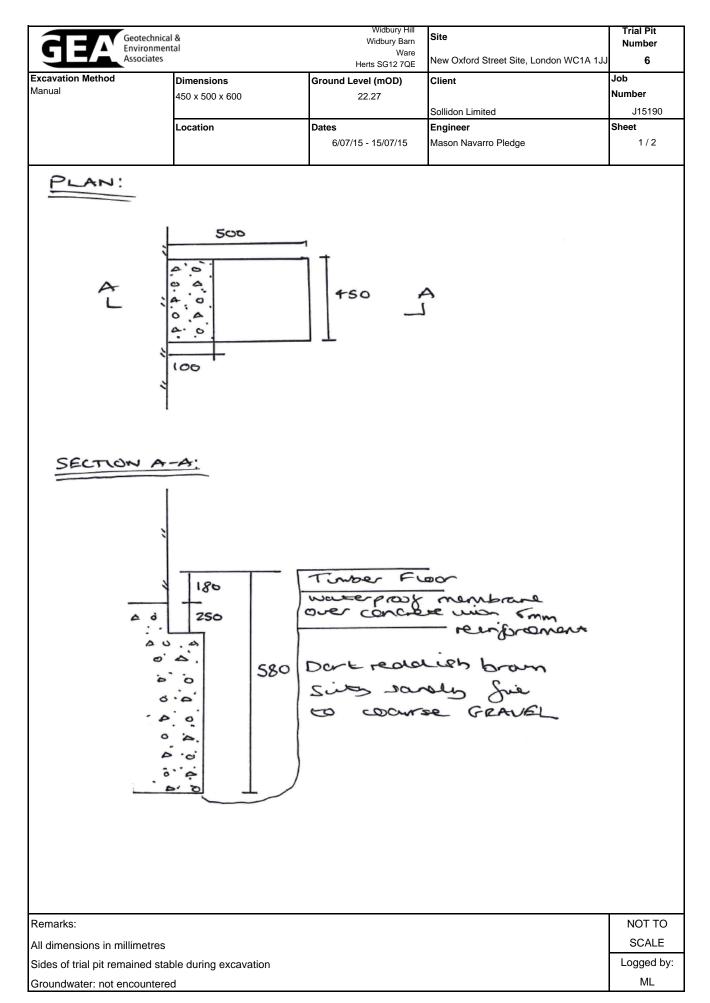
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered





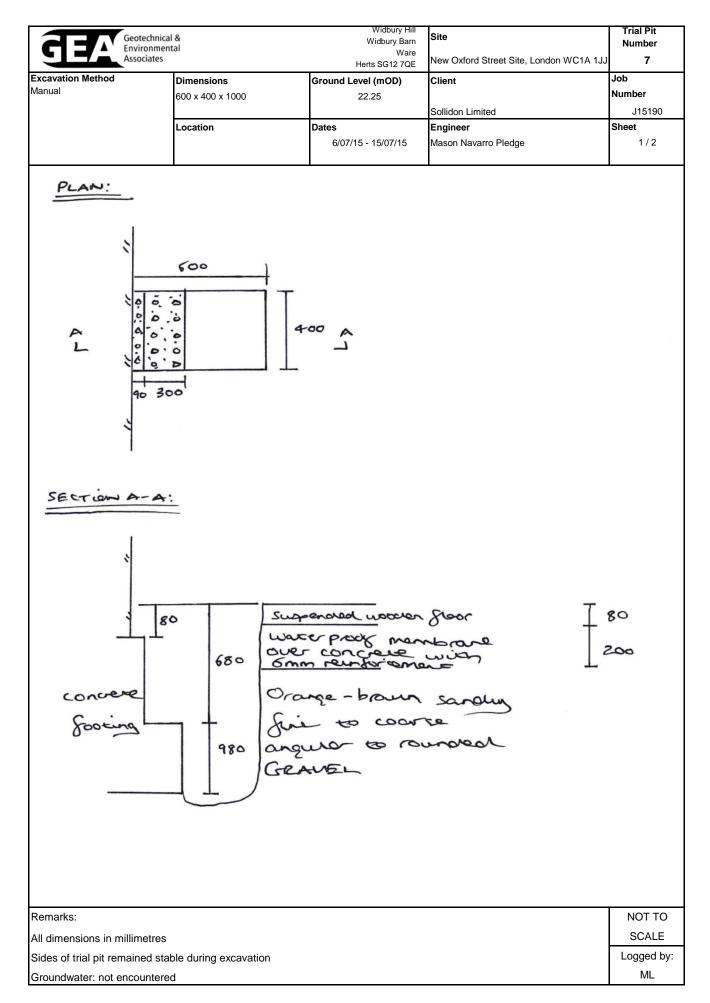






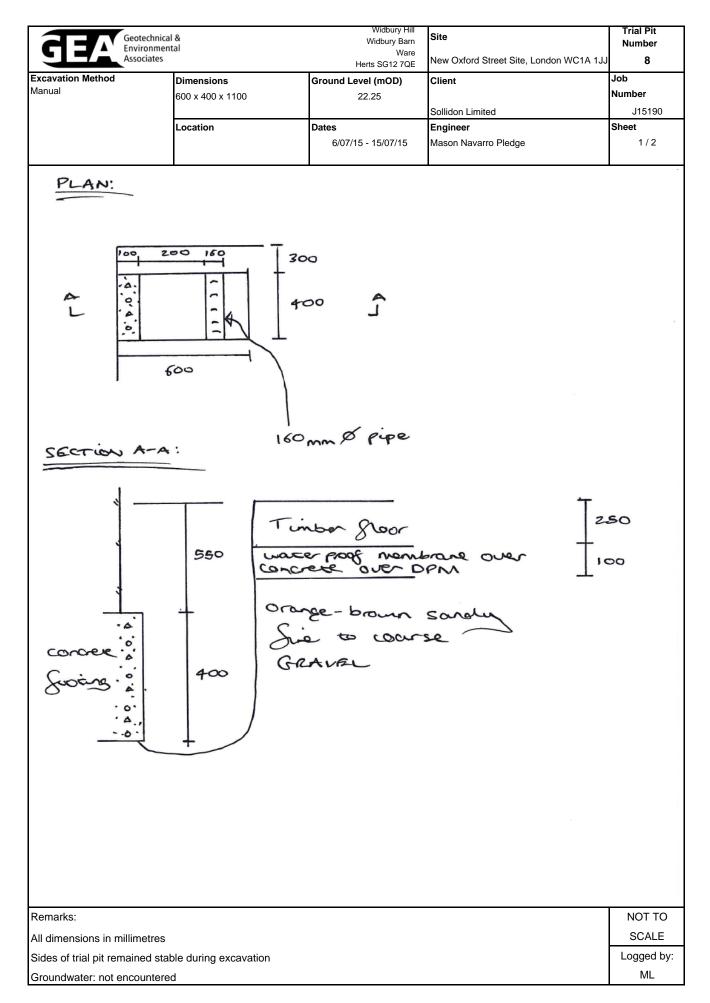


Groundwater: not encountered
Sides of trial pit remained stable during excavation

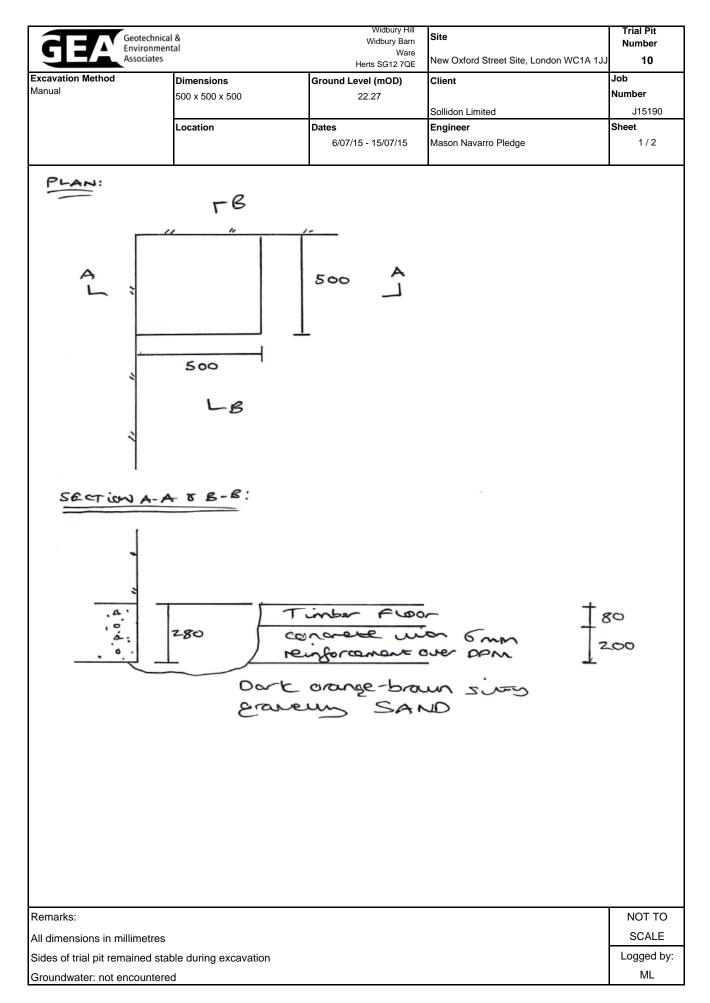




Sides of trial pit remained stable during excavation Groundwater: not encountered

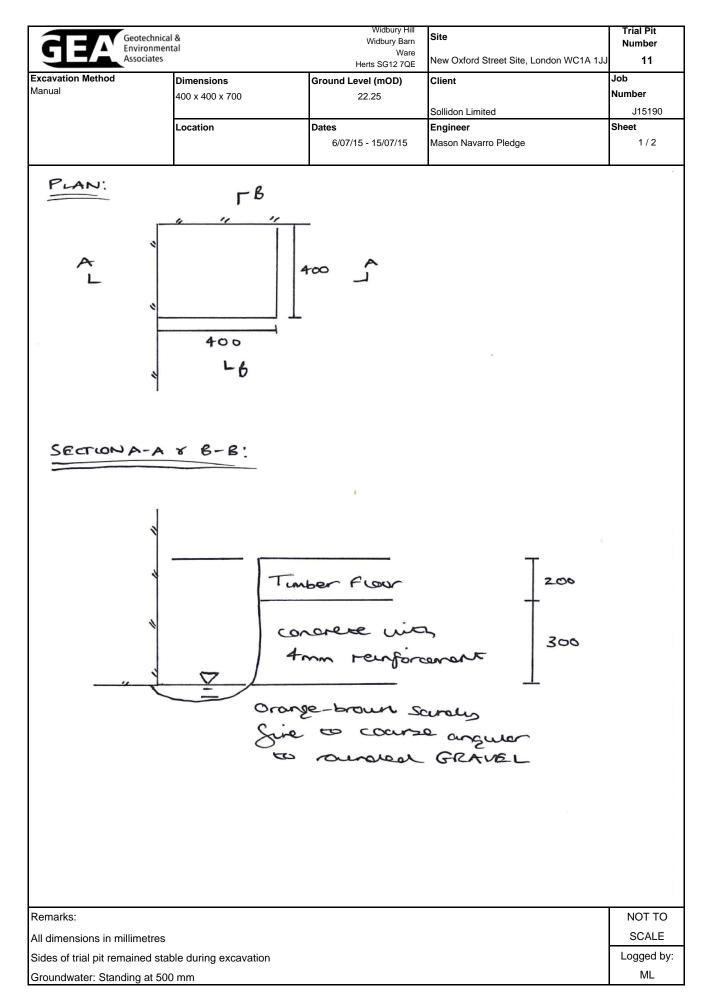




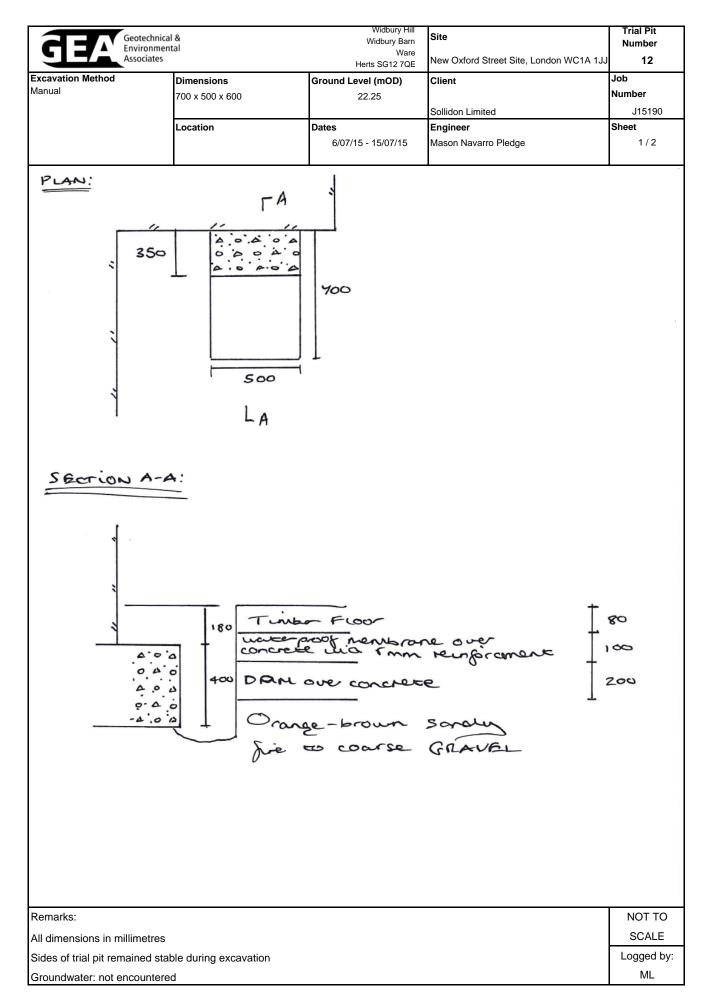




Sides of trial pit remained stable during excavation Groundwater: not encountered

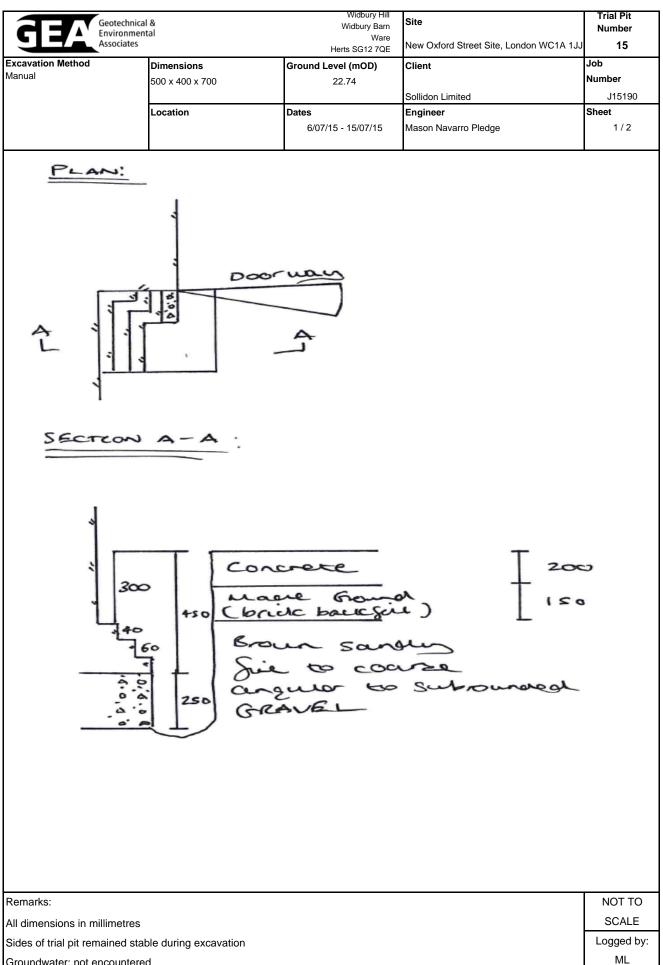




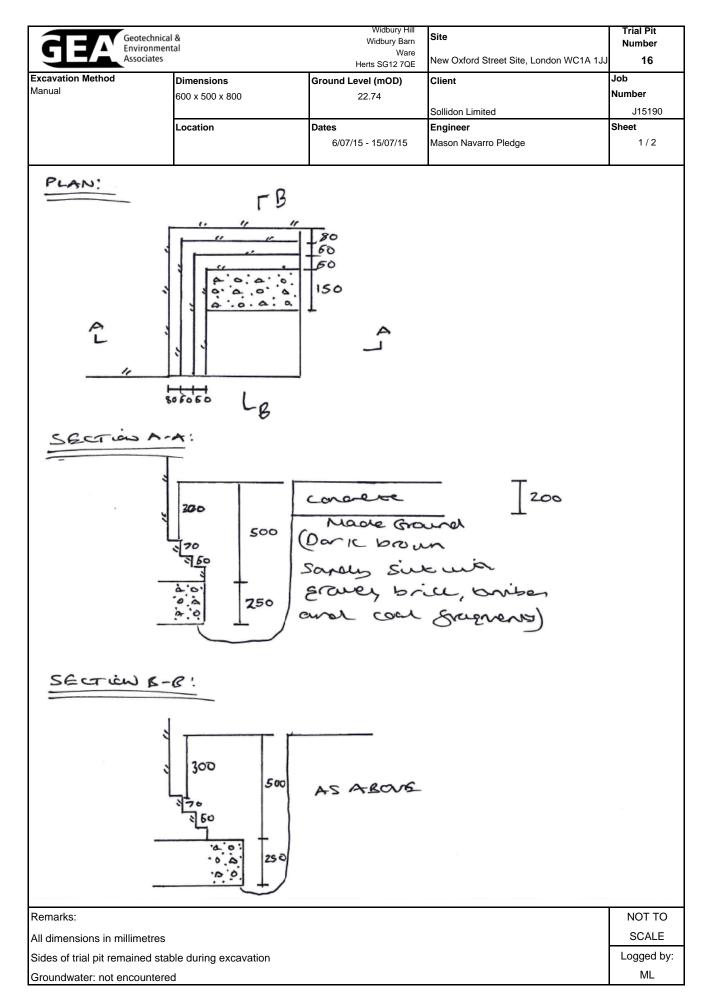




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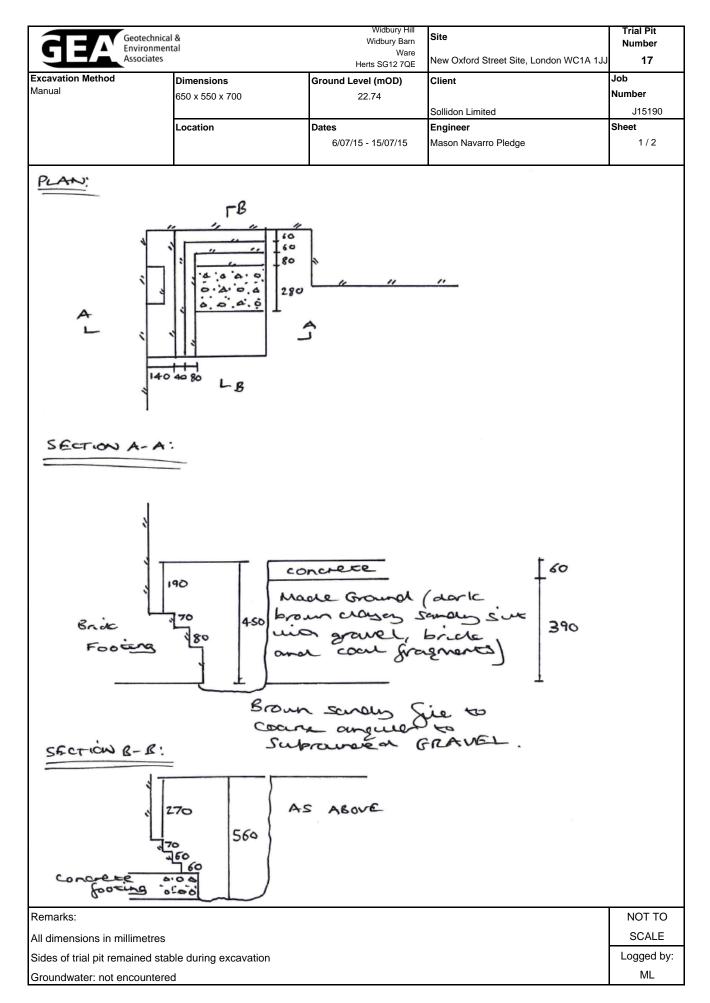


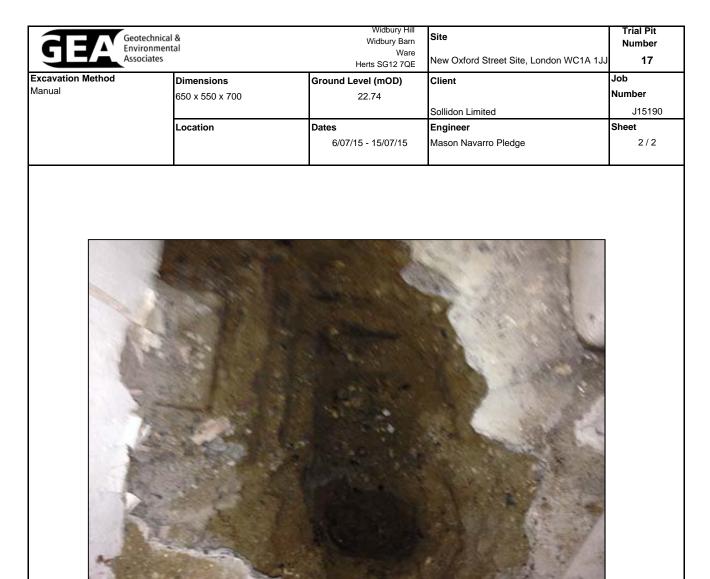


GEA	Geotechnical & Environmental Associates	Widbury Hill Widbury Barn Ware Herts SG12 7QE	Site New Oxford Street Site, London WC1A 1JJ	Trial Pit Number 16 Job Number J15190	
Excavation Method Manual	<b>Dimensions</b> 600 x 500 x 800	Ground Level (mOD) 22.74	Olient		
	Location	Dates 6/07/15 - 15/07/15	<b>Engineer</b> Mason Navarro Pledge	Sheet 2 / 2	

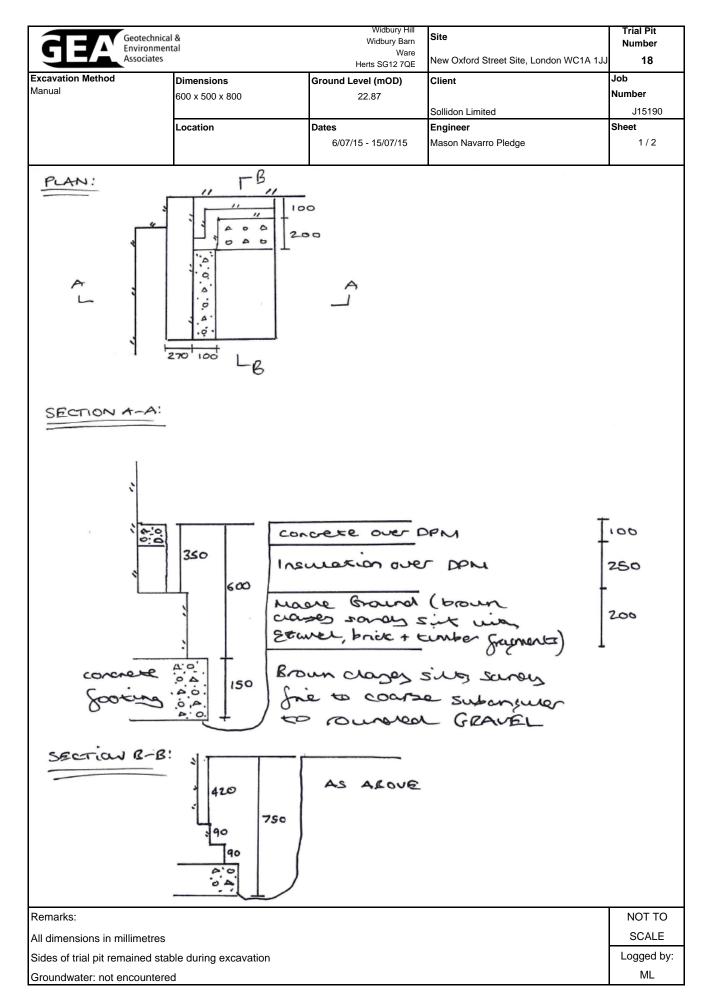


Remarks:	NOT TO
All dimensions in millimetres	SCALE
Sides of trial pit remained stable during excavation	Logged by:
Groundwater: not encountered	ML

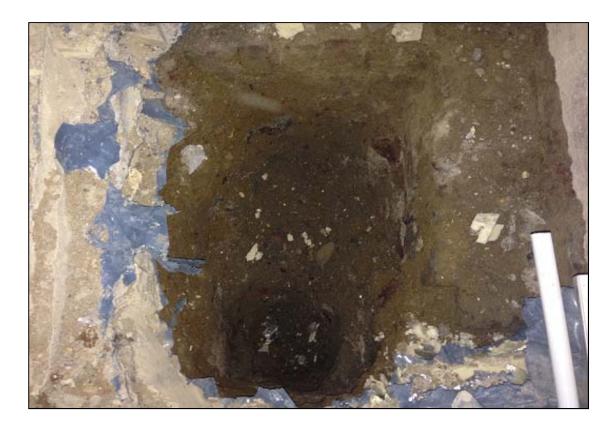




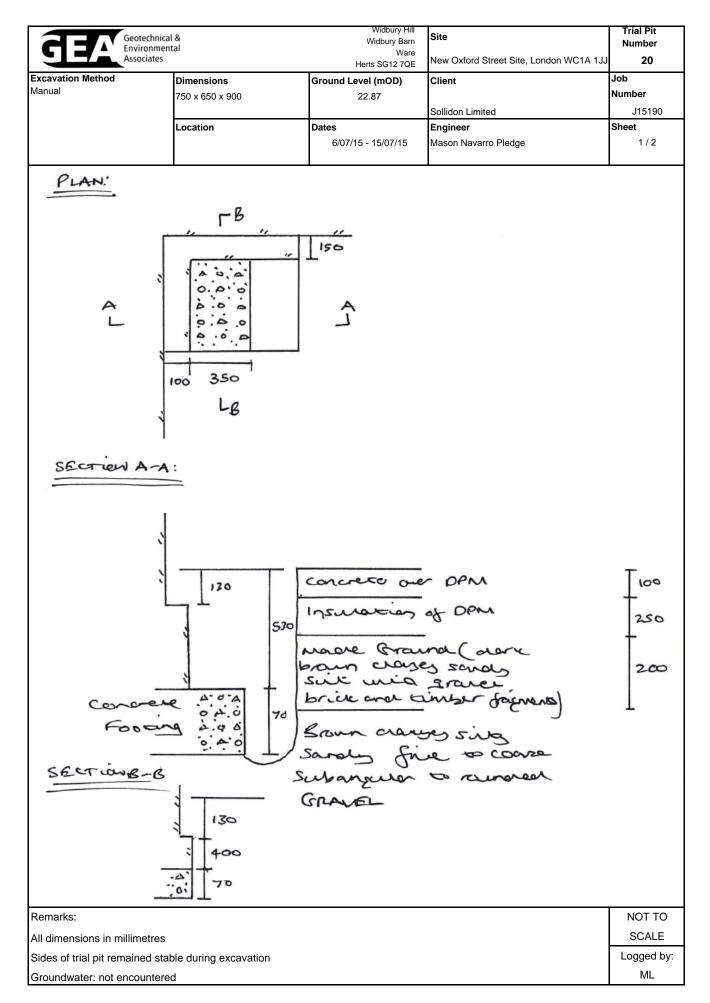
Remarks:	NOT TO
All dimensions in millimetres	SCALE
Sides of trial pit remained stable during excavation	Logged by:
Groundwater: not encountered	ML



	otechnical & vironmental sociates	Widbury Hill Widbury Barn Ware Herts SG12 7QE	Site New Oxford Street Site, London WC1A 1JJ	Trial Pit Number 18	
Excavation Method Manual	<b>Dimensions</b> 600 x 500 x 800	Ground Level (mOD) 22.87	onent	Job Number J15190	
	Location	Dates 6/07/15 - 15/07/15	<b>Engineer</b> Mason Navarro Pledge	Sheet 2 / 2	

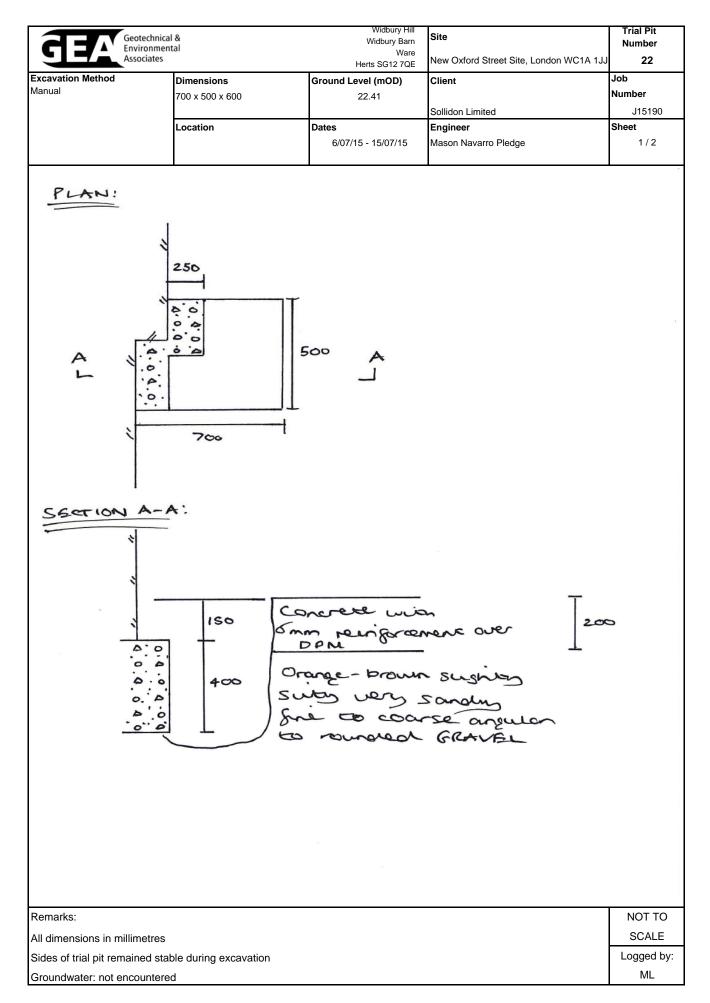


Remarks:	NOT TO
All dimensions in millimetres	SCALE
Sides of trial pit remained stable during excavation	Logged by:
Groundwater: not encountered	ML



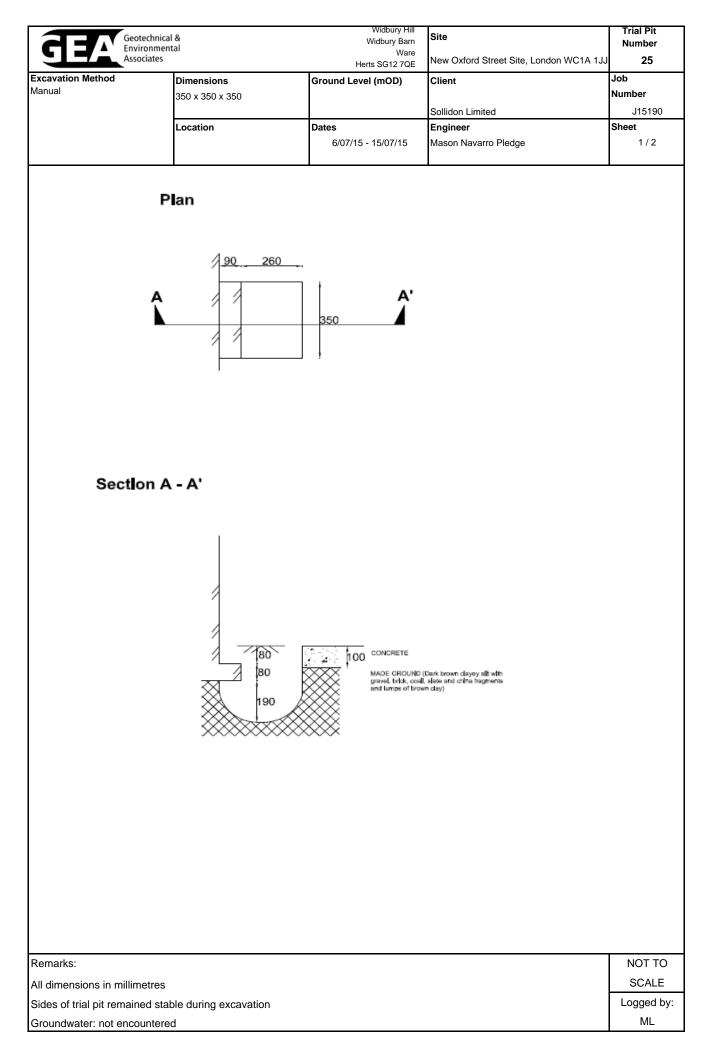


Sides of trial pit remained stable during excavation Groundwater: not encountered





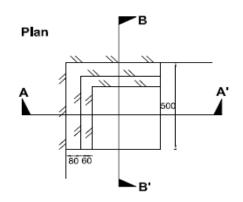
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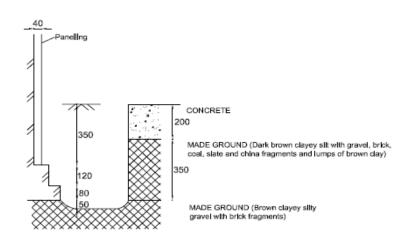


Remarks:	NOT TO
All dimensions in millimetres	SCALE
Sides of trial pit remained stable during excavation	Logged by:
Groundwater: not encountered	ML

GEEN Geotechnical Environment Associates		Widdury Barn Ware	Site New Oxford Street Site, London WC1A 1JJ	Trial Pit Number 27
Manual	<b>Dimensions</b> 500 x 500 x 600		onent	Job Number J15190
	Location		<b>Engineer</b> Mason Navarro Pledge	<b>Sheet</b> 1 / 2



## Section A - A' and B - B'

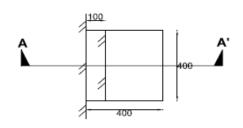


Remarks:	NOT TO
All dimensions in millimetres	SCALE
Sides of trial pit remained stable during excavation	Logged by:
Groundwater: not encountered	ML

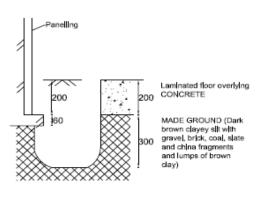
GEA Geotec Enviro	chnical & nmental ates	Widbury Hill Widbury Barn Ware	Site	Trial Pit Number
		Herts SG12 7QE	New Oxford Street Site, London WC1A 1JJ	
xcavation Method Ianual	Dimensions	Ground Level (mOD)	Client	Job
anudi	500 x 500 x 600			Number
			Sollidon Limited	J15190
	Location	Dates	Engineer	Sheet
		6/07/15 - 15/07/15	Mason Navarro Pledge	2/2
emarks:				NOT TC
emarks:	tras			
II dimensions in millimet				SCALE
II dimensions in millimet	tres			

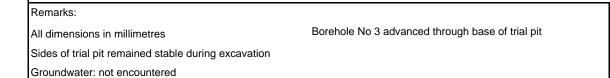
GEEN Geotechnical Environment Associates		Widbury Barn Ware	Site New Oxford Street Site, London WC1A 1JJ	Trial Pit Number 28
Excavation Method Manual	<b>Dimensions</b> 400 x 400 x 500	21.22	onent	Job Number J15190
	Location		<b>Engineer</b> Mason Navarro Pledge	<b>Sheet</b> 1 / 2

Plan



Section A - A'





NOT TO SCALE Logged by: ML

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	ichnical & onmental iates	Widbury Hill Widbury Barn Ware Herts SG12 7QE	Site New Oxford Street Site, London WC1A 1JJ	Trial Pit Number 28
Excavation Method	Dimensions	Ground Level (mOD)	Client	Job
Manual	400 x 400 x 500	21.22		Number
			Sollidon Limited	J15190
	Location	Dates	Engineer	Sheet
		6/07/15 - 15/07/15	Mason Navarro Pledge	2/2



Remarks:

All dimensions in millimetres Sides of trial pit remained stable during excavation Groundwater: not encountered