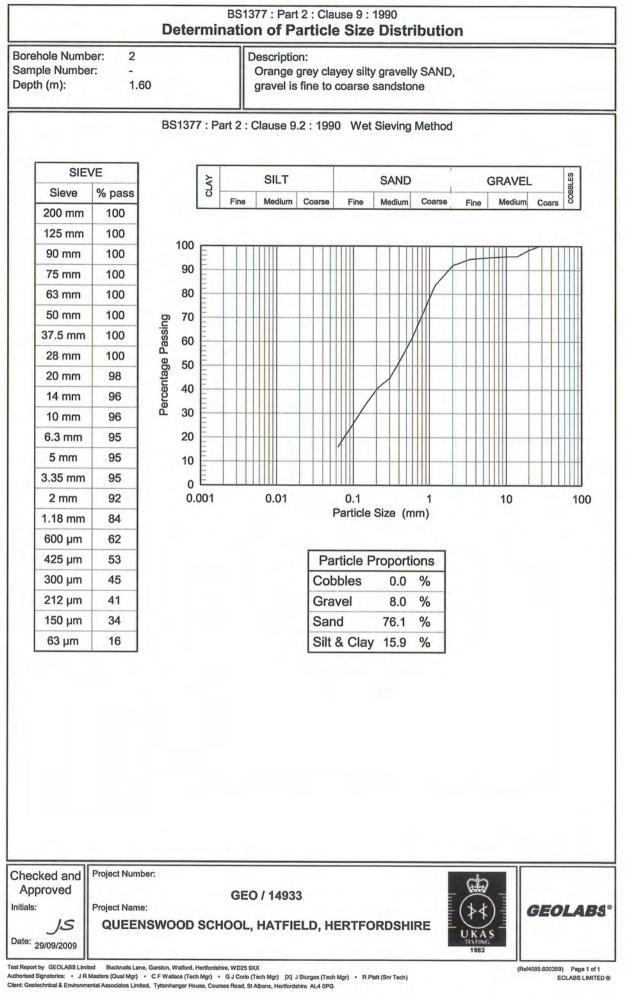
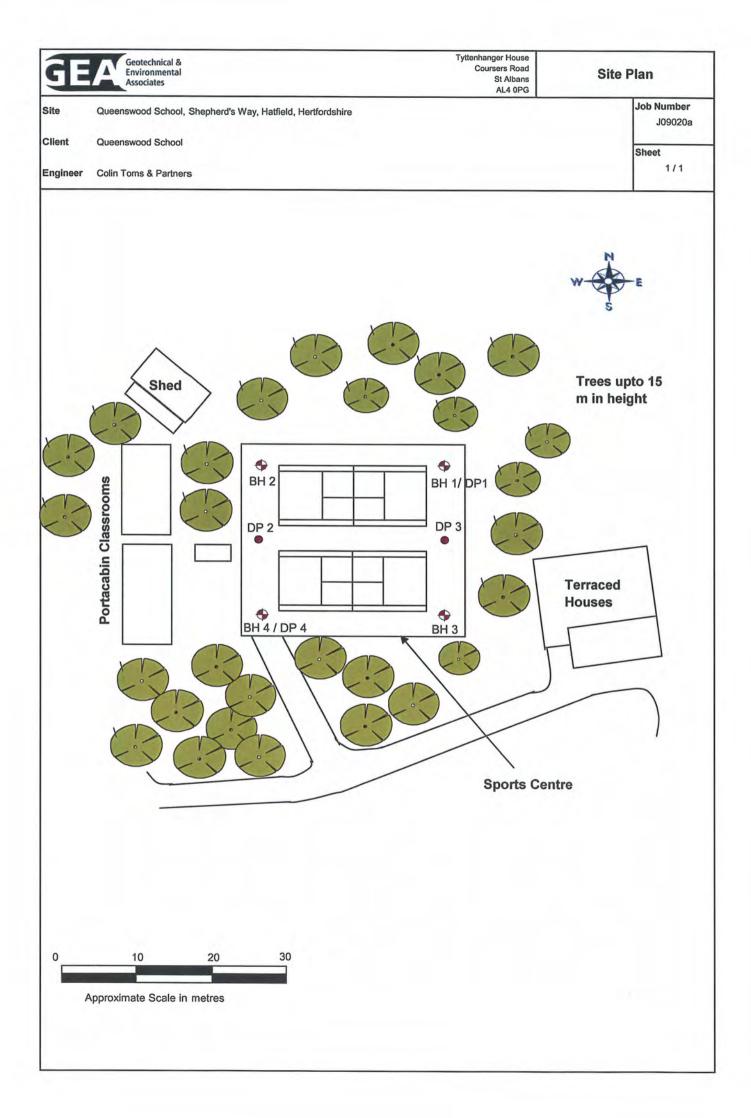
GE	Geotechnica Environmen Associates		Co	hanger House ursers Road St Albans AL4 0PG	Site Quee Hertfo	nswood ordshire	School	l, Shep	herd's	Way,	Hatfiel	d,		Prob Num DF	
lethod pendriver ampler (Te	Percussive errier rig)	Cone Dimensions	Ground	Level (mOD)	Client Quee	nswood	School	I						Job Numi J090	
		Location	Dates		Engine									Shee	
	1		21/0	08/2009	Colin	Toms a			_	_				1/	1
Depth (m)	Blows for Depth Increment	Field Records	(mOD)	Depth (m)	0	4		Blows	for D	epth li 20	24	ent 28	32	36	40
20-0.30	6		_	0.00											ŧ
.30-0.40	6 12 8								1						
50-0.60 60-0.70 70-0.80	7 5 2			0.50				-	-	+	-	-	-	-	+
80-0.90 90-1.00	8 7 5 2 1 2 2 3 4 6 7 8 8 9 10		3		H				1	-		-	-	-	+
00-1.10 10-1.20 20-1.30	2 3 4			1.00	-										1
.30-1.40 .40-1.50 .50-1.60	67					-	_		-	-	-	-	-		4
60-1.70 70-1.80	89			1.50			5		-	+	-	-	-	-	+
80-1.90 90-2.00 00-2.10	12			2.00											
10-2.20 20-2.30 30-2.40	16 17 17 17			0.50 1.00 1.50 2.00 2.50					1	-	-	_			-
40-2.50	15 16			2.50						-	-	+	-	-	
60-2.70 70-2.80 80-2.90	15 16 20 25 33 33										+				1
90-3.00	33			3.00	<u> </u>										
				3.50	-	-	-		-	-	-	+		-	
				3.50	-			-	-	+	+	+			-
															-
				4.00					-	-	-	-	-	-	
				Ē	-	-				-	+	+	-	-	-
				4.50		-									
					-					-		_			
				5.00	-	-			-	+	+	-	-	-	_
										1		-			-
				5.50											
					-	-			-	-	-	-	-	-	_
				6.00	-				-	-	-	-			-
				E											
				6.50					-	-	_	-	-		
					-				-	+	-	+			+
				4.50 5.00 5.50 6.00 7.00		-									
				7.50								_	_		-
				7.50					-	-	-	-		-	+
				8.00											1
Remarks													Scale (approx	Logg By	e
													1:40	M	L
													Figure	No.)20a.DI	

GE	Geotechnica Environmen Associates	tal	Co	nhanger House ursers Road St Albans AL4 0PG	Queens Hertford	wood Sch Ishire	nool, Sh	epherd'	s Way,	Hatfiel	d,		Probe Numb	
lethod pendriver ampler (Te	Percussive errier rig)	Cone Dimensions	Ground	Level (mOD)	Client Queens	wood Sch	lool						Job Numb J090	
		Location	Dates		Engineer				-				Sheet	t
			21/0	08/2009	Colin To	oms and F	Partners						1/-	1
Depth (m)	Blows for Depth Increment	Field Records	Level (mOD)	Depth (m)	1			vs for D	Depth I	ncrem	ent			
				0.00	0 4	8	12	16	20	24	28	32	36 4	40
.20-0.30	4			E		_	-	-		-	-	-	-	+
40-0.50	4 6 3 2 1			0.50			-	-	+	-	-	-		+
60-0.70 70-0.80 80-0.90	2 1 1		1.1.6											1
90-1.00 00-1.10	1		1.1	1.00	-							1		1
10-1.20 20-1.30 30-1.40	23							_	-	-	-	-	-	+
40-1.50 50-1.60	34			1.50		-	-	-	-	-	-	-	-	+
60-1.70 70-1.80 80-1.90	4 3 3										-			1
90-2.00 00-2.10	34			2.00										
10-2.20 20-2.30 30-2.40	4 6 7						_	-	-	-	-	-	-	l
10-2.50 50-2.60	3 2 3 4 3 4 4 3 3 3 4 4 6 7 8 10 22 5 32			0.50 1.00 1.50 2.00 2.50 3.00 3.50				-	-	-	-	-	-	-
60-2.70 70-2.80 80-2.90	22 25 32						_			-				
0-3.00	31			3.00					-	-		T		
							-	-	-	-	-	-	-	
				3.50			-	-	-	-	-	-	-	_
														-
				4.00										
					-	_	-	_	-	+	-	-	_	-
				4.50		-	-	-	-	+	-	-	-	-
				4.50 5.00 5.50				-						1
				5.00										
					-		-	-	-	-	_	-		_
				5.50			-	-	-	+	+	-	-	-
								-		1				-
														-
						_	-	-	-	-	_	-		
				6.50			-	-	-	-	-	-	-	
										+				-
				7.50			_		_	_		-		
				7.50			-	-		-	-	-	-	
														1
				8.00										
emarks												Scale (approx	Logge By	e
												1:40	ML	1
												Figure		1

PROJECT NO:	:ON			GEO / 14933											d	Page	
	Sample details	sils	IΓ		Classifi	Classification Tests	asts	Density Tests	Tests	Undrained T	riaxial Comp	Undrained Triaxial Compression Tests	Che	Chemical Tests	sts		
Borehole No.	Depth (m)	No.	Type	Description	MC LL F (%) (%)	PL PI (%)	<425 mic (%)	Bulk Dry (Mg/m³)		Cell Pressure (kPa)	Deviator Stress (kPa)	Shear Stress (kPa)	Hd	2:1 0 W/S SO4 (g/l)	Ground Water SO4 (g/l)	Other t	Other tests and comments
-	0.80	•		Mottled light brown and grey silty sandy fine gravelly CLAY with rare rootlets	59												
-	1.10	,	٥	Mottled orange brown light grey silty sandy slightly gravelly CLAY, gravel is fine grained	26 78 2	24 54	66	-1									
-	1.30	•	٥	Mottled orange brown and light grey silty sandy slightly gravelly CLAY, gravel is fine grained	24 68 2	22 46	66										
-	1.60	•	٥	Orange and light grey slightly gravelly sandy CLAY, gravel is fine to medium grained	20								8.2	0.072			
-	1.90	•	٥	Mottled orange brown and light grey silty sandy CLAY	22												
8	0.70	•	٥	Mottled orange brown and light grey silty sandy slightly gravelly CLAY with rare rootlets, gravel is fine grained	31 72 2	23 49	66						8.3	0.38			
7	1.30	•		Mottled orange and light grey silty sandy slightly gravelly CLAY, gravel is fine grained	18												
N	1.60	•	٥	Mottled orange and light grey silty sandy CLAY with rare rootlets	23 60 1	19 41	100										
7	5.60	•	٥	Orange grey clayey siity gravelly SAND, gravel is fine to coarse sandstone												Particle S	Particle Size Distribution Test
MUS	MARY	- jo	U U	SUMMARY OF GEOTECHNICAL TESTING												GEOLA	LABS

Client: Geotechnical & Environmental Associates Limited, Tyttenhanger House, Courses Road, St Albans, Hertfordshire AL4 0PG







Appendix C

Exploratory hole logs

ſ			hardJa gineerir			ulta	G	YORK HOUSE REAT SHELFORD AMBRIDGE	Trial Pit No TP1
Project Name:	Queens				Project 4787	t No.	Co-ords: Orientation:	B22 5NE	Sheet 1 of Date 14/02/2017
	•	•	Hatfield, Hertfo		AL9 6N	S	Level (m, aOD): Depth (m):		Scale 1:20 Logged
Client:		· ·	Management) tu Testing				2.90		JS
water	Depth	Type	Results	Level (m)	Depth (m)	Legend		Stratum Description	
	0.20 0.20 0.70 0.70 0.80	ES1 PID ES2 PID IVN	PID=1.5 PID=0.5 40		0.60		to medium S subangular f plastic. wood plant matter. MADE GRO Soft becomin sandy CLAY rare fine flint	UND ng firm, grey brown, slig with occasional roots a gravel. AVEL OF UNCERTAIN	l of ass, d ghtly and
	1.20 1.20 1.50	D1 IVN IVN	74 63		1.30		slightly grave subangular f SAND & GR AND ORIGII	and pale grey mottled, elly, silty CLAY. Gravel o ine to medium flint. AVEL OF UNCERTAIN N kets present from 1.5m	of
	2.00 2.00	D2 PID	PID=0.5		2.10		clayey fine to subangular t	vn, slightly gravelly, ver o coarse SAND. Gravel o subrounded, fine to c	of
	2.40 2.40	D3 PID	PID=1.2				flint. SAND & GR AND ORIGII	AVEL OF UNCERTAIN N	AGE
	2.90 2.90	B1 PID	PID=0.8		2.90			End of Pit at 2.900m	3
Broundw Stability:			eepage at 1.5m, r	moderate	inflow at 2	2.2m		Key turbed IVN	Hand Vane
emarks			lue to groundw	ater inflo	W		ES Enviro		PID Reading ket Penetromet Standing water level

٢	ر /		hardJa gineerir			ulta	nts	GR CA	ORK HOUSE REAT SHELFORD MBRIDGE 22 5NE	Trial Pit N TP2 Sheet 1 of	
Project	Queensw			<u> </u>	Project		Co-ords:	ГСВ	22 JNE	Date	<u> </u>
Name:	Queensw	/000 30	11001		4787	'5	Orientation: Level (m, aOD		Dimensions (m)	14/02/201 Scale	17
Location	: Shephero	ds Way,	Hatfield, Hertfo	rdshire,	AL9 6N	S		<i>.</i> ,	0.70	1:20	
Client:	Ball Hall	(Project	Management)	Ltd			Depth (m): 3.00		0.	Logged JS	
Ground water	Sample Depth	es & In Si Type	itu Testing Results	Level (m)	Depth (m)	Legend		S	tratum Description		
	0.10 0.10 0.30 0.30	ES1 PID ES2 PID	PID=2.4 PID=0.5		0.30		medium S subangula medium fli MADE GR	AN ar to int a ROU	IND	f	
	0.50 0.50	ES3 PID	PID=0.3		0.50		CLAY. Gra subrounde MADE GR Firm, oran slightly gra	avel ed fi ROU ige avel	mottled grey, slightly s ly CLAY. Gravel of		-
	1.00 1.00 1.20	D1 IVN IVN	64 40		1.30		SAND & G AND ORIC Sandy p Locally s	GRA GIN bock	ets present from 1.1m at 1.2m		1 -
▼	1.50 1.50	B1 PID	PID=0.0		1.00		CLAY.	GRA	ed pale grey, very san	-	2 -
▼	2.50 2.50	B2 PID	PID=0.0		2.20		coarse ŠA rounded, f	ND ine GRA GIN		r to	
					3.00				End of Pit at 3.000m		3
Groundw Stability:			seepage at 1.8m, n apse from 2.2m	noderate	inflow at 2	2.2m	В	Bu		Hand Vane PID Reading	4 -
Remarks	: Term	inated o	due to groundwa	ater inflo	w		ES Env	viron		Ket Penetrome Standing water level	te

٢			chardJa gineerir			ulta	ints	GF CA	ORK HOUSE REAT SHELFC MBRIDGE 822 5NE		Trial Pit TP2 Sheet 1	A
Project	Queer	nswood So	chool		Project		Co-ords:				Date	
Name:					4787		Orientation: Level (m, aOI	۱۰	Dimensio		14/02/2 Scale	
Location	: Shepł	erds Way	, Hatfield, Hertfo	rdshire,	AL9 6N	S		-			1:20	
Client:	Ball H	all (Projec	t Management) I	_td			Depth (m): 1.80		0.70		Logge JS	ed
Ground water		· ·	Situ Testing	Level (m)	Depth (m)	Legend		S	tratum Descript	ion		
G. ₩	Depth	Type	Results	(m)	(m) 0.20 0.80 1.30 1.80		medium S matter, oo fragments MADE GI Firm oran gravelly C to medium SAND & AND ORI Orange n CLAY witt SAND & AND ORI	wn si SAN Cccas s. ROU age t CLAY m flir GRA GIN nottle GRA	lightly gravelly D with roots, of ional brick and IND orown mottled A Gravel of sunt. WEL OF UNC ed pale grey, s casional sand WEL OF UNC	clayey decayed d plastic grey slig bangula ERTAIN slightly s pockets ERTAIN ery sanc ERTAIN	plant ghtly r fine AGE andy AGE	
												-
Groundw	v ater : G	roundwate	r not encountered.			·	D	Distu	Key Irbed IV	N	Hand Vane	
Stability:		able					B	Βι	ılk PI	D	PID Reading	1
Remarks	: In	filtration te	est undertaken b	etween	~1.3m -	1.8m	ES Er	nviron Indwa	mental Plater strike		Ket Penetron Standing water level	

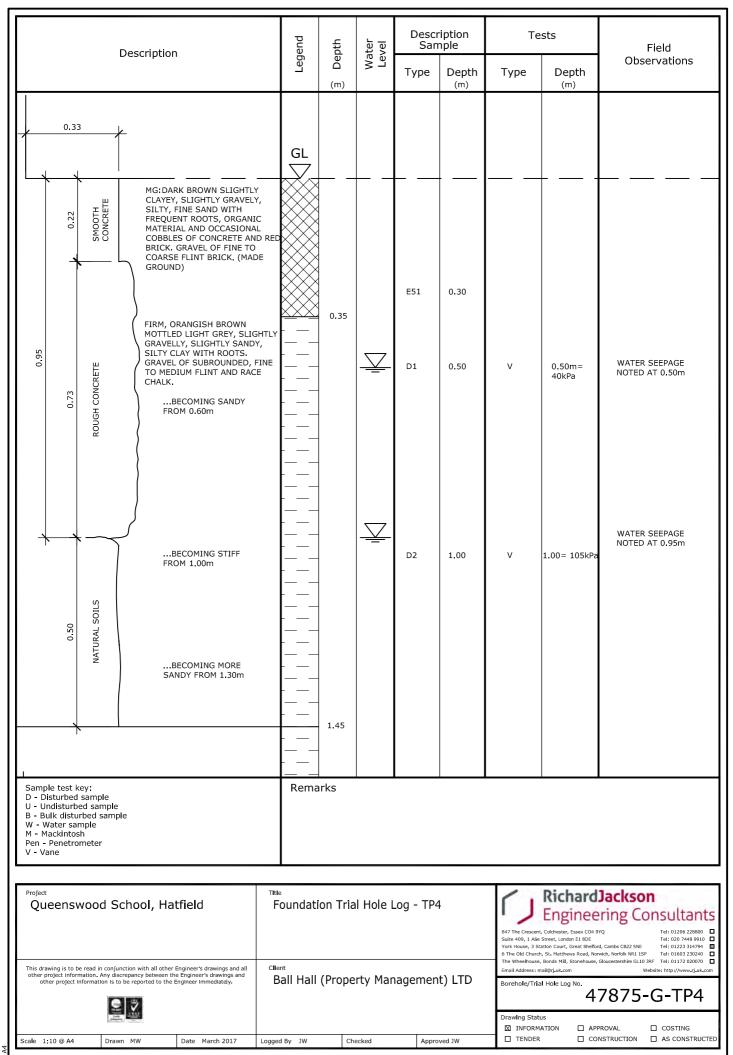
			hardJa			<u></u>	G	YORK HOUSE REAT SHELFORD AMBRIDGE	Trial Pit No. TP3
		EUF	gineerir	ig C			T	B22 5NE	Sheet 1 of 1
Project Name:	Queens	wood Scł	lool		Projec 4787		Co-ords: Orientation:	Dimensions (m)	Date 14/02/2017
ocation	n: Shepher	rds Wav.	Hatfield, Hertfo	ordshire.			Level (m, aOD):	2.40	Scale
lient:	•		Management)				Depth (m):	0.60	1:20 Logged
		les & In Si					3.50		ĴŜ
water	Depth	Туре	Results	Level (m)	Depth (m)	Legend	:	Stratum Description	
	0.20 0.20 0.50 0.50 0.60 0.90 1.10 1.10 1.10	ES1 PID ES2 PID IVN IVN D1 IVN PID	PID=2.3 PID=1.3 50 74 92 PID=0.3		0.25		with frequent packaging. MADE GRO Soft grey bro subangular t flint. MADE GRO Firm becomi CLAY with of medium flint	own gravelly CLAY. Gra o subrounded, fine to c UND ng stiff, orange mottled ccasional subangular, f gravel. AVEL OF UNCERTAIN	vel of oarse grey ine to
▼	1.90 1.90	D2 PID	PID=0.0		1.80		Orange mott very clayey, of subrounde flint.	<u>sandy fro</u> m 1.6m led grey, slightly gravel fine to coarse SAND. G ed to rounded, fine to c AVEL OF UNCERTAIN N	Gravel 2
	2.60 2.60	B1 PID	PID=0.0		2.60 2.90		fine to coars fine sand pa to subrounde SAND & GR AND ORIGIN Yellowish gra gravelly SAN rounded, fine	vn slightly clayey, grave e SAND with frequent g rtings. Gravel of suban ed, fine to medium flint AVEL OF UNCERTAIN N ey brown fine to mediur ID. Gravel of subangula e to coarse flint. AVEL OF UNCERTAIN	grey gular AGE 3 n, ar to
	3.50 3.50	B2 PID	PID=0.0		3.50		AND ORIGIN		AGE 4
Groundv Stability Remarks	: Som	undwater ne sidewal	encountered at : I collapse	2.0m			B E ES Enviro		Hand Vane PID Reading (et Penetromete Standing water level

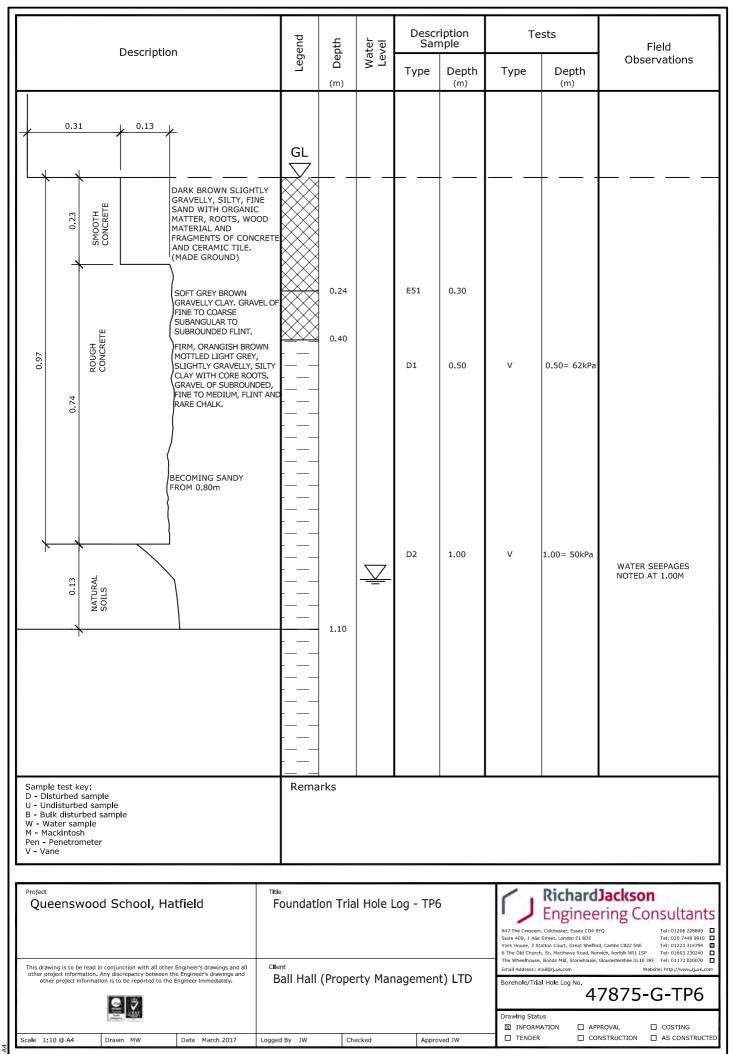
ſ			hardJa ineerir			ulta	G	YORK HOUSE REAT SHELFORD AMBRIDGE B22 5NE	Trial Pit No. TP4 Sheet 1 of 1
Project	Queensv		·		Project		Co-ords:		Date
Name:					4787		Orientation: Level (m, aOD):	Dimensions (m)	14/02/2017 Scale
Location	n: Shepher	ds Way, I	Hatfield, Hertfo	rdshire,	AL9 6N	S		- 99.0	1:20
Client:			Management)	Ltd	1		Depth (m): 1.45	o	Logged JW
Ground water		es & In Sit		Level (m)	Depth (m)	Legend	:	Stratum Description	
	Depth 0.30 0.50 0.50 0.80	Type ES1 D1 IVN ES2	Results 40		0.35		coarse SANI occasional c wood fragme MADE GRO Soft orange silty CLAY w	UND mottled grey, slightly sa ith roots. AVEL OF UNCERTAIN N	d
	1.00 1.00	D2 IVN	105				Becoming 1.0m	stiff and slightly gravelly from	n 1
					1.45	X		End of Pit at 1.450m	
									2
									3
									4
Groundv	water: Perc	hed groun	ndwater at 0.5 a	nd 0.9m	l	l		Key	
Stability			evnoss found	ation			B E ES Enviro	onmental PP Pock	Hand Vane PID Reading (et Penetrometer
Remarks	s: EXCa	ivated to	expose foundation	allon			Groundy	vater strike	Standing water level

ſ		Ric	hardJa	ckso	on			3 YORK HOUSE GREAT SHELFORD	Trial Pit No.
	J	Eng	gineerir	ng C	ons	ulta		CAMBRIDGE CB22 5NE	TP5 Sheet 1 of 1
Project				<u> </u>	Project		Co-ords:	ODZZ JNL	Date
Name:	Queens	wood Sch	1001		4787	'5	Orientation:	Dimensions (m)	
Location	: Shepher	ds Way,	Hatfield, Hertfo	ordshire,	AL9 6N	S	Level (m, aOD)		Scale 1:20
Client:	Ball Hall	(Project	Management)	Ltd			Depth (m): 3.10	0.70	Logged
ind	Sampl	es & In Si	tu Testing	Level	Depth		0.10		
Ground water	Depth	Туре	Results	(m)	(m)	Legend		Stratum Description	
	0.10 0.10	ES1 PID	PID=0.1		0.20		frequent ro matter. MADE GR		
	0.40 0.40	ES2 PID	PID=0.3		0.60		fine to coar flint. MADE GR	prown gravelly CLAY. Gra rse subangular to subrou OUND ng darker grey from 0.4m	
	1.00	IVN	70				Firm orang CLAY. Grav subangular	e mottled grey, slightly g vel of fine to coarse r flint. ¡RAVEL OF UNCERTAIN	
	1.20 1.20	D1 PID	PID=0.0		1.30		silty CLAY Gravel of s SAND & G	e mottled grey, slightly g with orange sandy pock subangular fine to mediuu RAVEL OF UNCERTAIN	ets n flint
	2.00 2.00	D2 PID	PID=0.0		2.20			ottled grey, slightly grave	
	2.50	B1			2.60		fine to coar flint. SAND & G	to medium SAND. Grav rse subangular to subrou RAVEL OF UNCERTAIN	Inded
					2.00		fine to coa	GIN wn, slightly clayey, grave rse SAND, Gravel of d to rounded fine to coar	
	3.00	B2			3.10		SAND & G AND ORIG	RAVEL OF UNCERTAIN	AGE 3 -
									4 -
Groundv	vater: Grou	Indwater	encountered at 2	 2.5m				Key	
Stability			dewalls from 2.5				B	isturbed IVN Bulk PID	Hand Vane PID Reading
Remarks	: Tern	ninated d	lue to collapse	of sidew	valls			rironmental PP Poc dwater strike	ket Penetrometer Standing water level

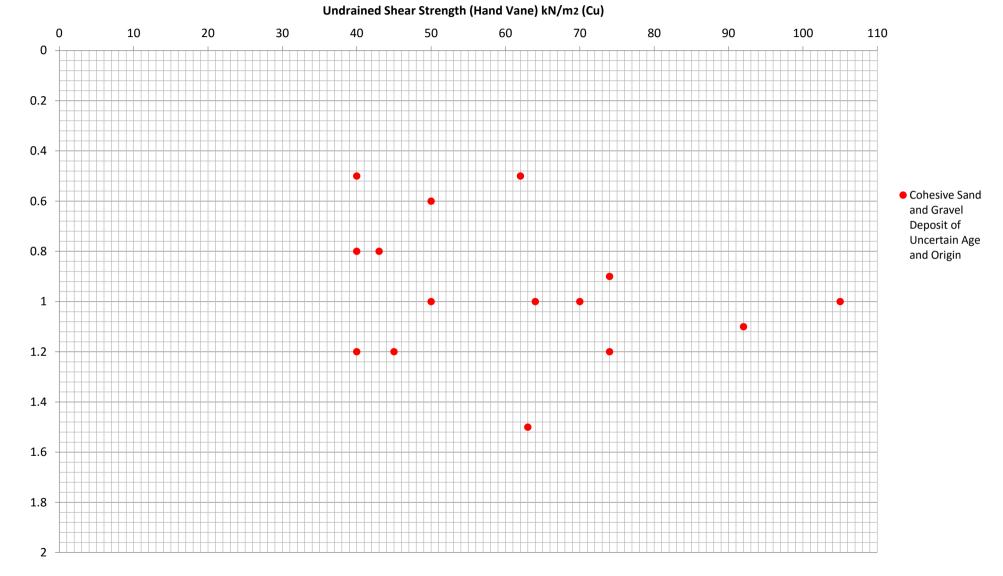
٢	ر /		hardJa ineerir			ulta	nts	GF CA	YORK HOUSE REAT SHELFORD MBRIDGE 322 5NE	Trial Pit No. TP6 Sheet 1 of 1
Project	0			<u> </u>	Project		Co-ords:		JZZ UNE	Date
Name:	Queensv	vooa Sch	1001		4787	'5	Orientation:		Dimensions (m)	14/02/2017
Location	: Shepher	ds Way, I	Hatfield, Hertfo	ordshire,	AL9 6N	S	Level (m, aC	DD):	2.30	Scale 1:20
Client:	Ball Hall	(Project I	Management)	Ltd			Depth (m) 1.10	:	0.70	Logged JW
Ground water	Sampl Depth	es & In Sit	u Testing Results	Level (m)	Depth (m)	Legend		S	tratum Description	
	0.30 0.50 0.50	ES1 D1 IVN D2	62		0.30 0.40		matter, ro ceramic MADE G Soft grey fine to co flint. MADE G Firm ora slightly s rare root medium	ile fr ROL brow barse ROL nge t andy s. Gr flint a	wn gravelly CLAY. Gra e subangular to subrou	vel of nded ey, r with ne to
	1.00	IVN	50		1.10		AND OR	IGIN ming s		AGE2
Groundw Stability:	Stab	е	seepage at 1.00				D	Βι		4 Hand Vane PID Reading
Remarks	: Exca	vated to	expose found	ation		-	ES E Gro	nviror undwa	nmental PP Pock ater strike	Ket Penetromete Standing water level

			nardJa			ا ا د -	nte	GR	ORK HOUSE REAT SHELFORD MBRIDGE	Trial Pit No. TP7
		Eng	ineerir	<u> </u>					22 5NE	Sheet 1 of 1
Project Name:	Queensv	vood Scho	loc		Project 4787		Co-ords: Orientation:		Dimensions (m)	Date 14/02/2017
	. Shanhar	da Way L	latfield Hartfa	rdohiro			Level (m, aO	D):	2.00	Scale
	•	-	latfield, Hertfo		AL9 ON	3	Depth (m)		0.70	1:20 Logged
Client:			lanagement)	Ltd	1	I I	3.00	•	0	JS
Ground water	Sampl Depth	es & In Situ Type	r Testing Results	Level (m)	Depth (m)	Legend		S	tratum Description	
	0.20	ES1			0.30		wood and MADE G Soft grey	d deo ROU	wn mottled orange, slig	ghtly
	0.40	ES2			0.60		gravelly (subangul MADE G Soft becc slightly g subangul medium f	CLAY lar to ROU omino ravel lar to flint. GRA	. Gravel of fine to coa subrounded flint.	grey,
	1.20 1.20	D1 IVN	45		1 90					
	2.00	D2			1.80		gravelly, fine to co	silty arse GRA	nottled grey, slightly CLAY. Gravel of subar subangular flint. VEL OF UNCERTAIN	2
					2.30 2.70		SAND. SAND & AND OR	GRA IGIN ^{ning g}	rey silty fine to coarse VEL OF UNCERTAIN ravelly from 2.6m	
	2.90	В3			3.00		coarse S rounded,	AND fine GRA	v silty, gravelly, fine to . Gravel subrounded t to coarse flint. .VEL OF UNCERTAIN End of Pit at 3.000m	
										4
			ncountered at 2	2.7m			D	Distu	Key rbed IVN	Hand Vane
Stability:			se from 2.70m ie to groundwa				B	Bu	ilk PID	PID Reading (et Penetrometer





Plot of Undrained Shear Strength vs Depth at Queenswood School, Hatfield - 47875



Depth (m bgl)



Appendix D

Results of Chemical Analyses





Report No.:	17-03897-1		
Initial Date of Issue:	21-Feb-2017		
Client	Richard Jackson Limited		
Client Address:	847 The Crescent Colchester Business Park Colchester Essex CO4 9YQ		
Contact(s):	Jessica Sheridan		
Project	47875 Queenswood School Hatfield		
Quotation No.:		Date Received:	17-Feb-2017
Order No.:		Date Instructed:	17-Feb-2017
No. of Samples:	6		
No. of Campies.	6		
Turnaround (Wkdays):	3	Results Due:	21-Feb-2017
		Results Due:	21-Feb-2017
Turnaround (Wkdays):	3	Results Due:	21-Feb-2017
Turnaround (Wkdays): Date Approved:	3	Results Due:	21-Feb-2017

Chemtest The right chemistry to deliver results Project: 47875 Queenswood School Hatfield

Results - Soil

Client: Richard Jackson Limited		Che	mtest J	ob No.:	17-03897	17-03897	17-03897	17-03897	17-03897	17-03897
Quotation No.:	Chemtest Sample ID.:				413410	413411	413412	413413	413414	413415
Order No.:	Client Sample Ref.:				TP1	TP2	TP3	TP4	TP6	TP7
	Client Sample ID.: Sample Type: Top Depth (m): Date Sampled:				ES1	ES1	ES1	ES1	ES1	ES1
					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					0.2	0.1	0.2	0.3	0.3	0.2
					14-Feb-2017	14-Feb-2017	14-Feb-2017	14-Feb-2017	14-Feb-2017	14-Feb-2017
			Asbest	os Lab:	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD						
АСМ Туре	U	2192		N/A	-	-	-	-	-	-
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected					
Moisture	N	2030	%	0.020	49	72	30	35	27	33
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones, Roots	Roots	Stones, Roots	Stones, Roots	Stones, Roots	Stones, Roots
Soil Texture	N	2040		N/A	Loam	Loam	Loam	Clay	Clay	Clay
рН	М	2010		N/A	6.5	4.5	5.5	6.0	4.8	4.0
Sulphate (2:1 Water Soluble) as SO4	М	2120	g/l	0.010	0.026	0.031	0.027	< 0.010	< 0.010	0.027
Total Sulphur	М	2175	%	0.010	0.080	0.16	0.050	0.060	0.050	0.030
Cyanide (Total)	М	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Arsenic	М	2450	mg/kg	1.0	14	1.6	16	13	13	3.5
Cadmium	М	2450	mg/kg	0.10	0.52	0.72	0.86	1.6	0.61	0.29
Chromium	М	2450	mg/kg	1.0	18	5.6	23	25	17	7.0
Copper	М	2450	mg/kg	0.50	33	27	27	36	38	5.9
Mercury	М	2450	mg/kg	0.10	0.28	0.39	0.23	0.28	0.54	0.10
Nickel	М	2450	mg/kg	0.50	14	8.9	13	22	11	3.4
Lead	М	2450	mg/kg	0.50	140	120	150	150	160	67
Selenium	М	2450	mg/kg	0.20	0.21	0.63	0.69	0.76	0.39	< 0.20
Zinc	М	2450	mg/kg	0.50	100	75	110	1400	190	29
Organic Matter	М	2625	%	0.40	26	72	15	14	8.3	9.5
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	М	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	М	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	М	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	М	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C21-C35	М	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	Ν	2680	mg/kg	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	Ν	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	Ν	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	М	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	М	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	М	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	3.7	4.7	< 1.0	< 1.0	2.9	< 1.0
Aromatic TPH >C21-C35	М	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0