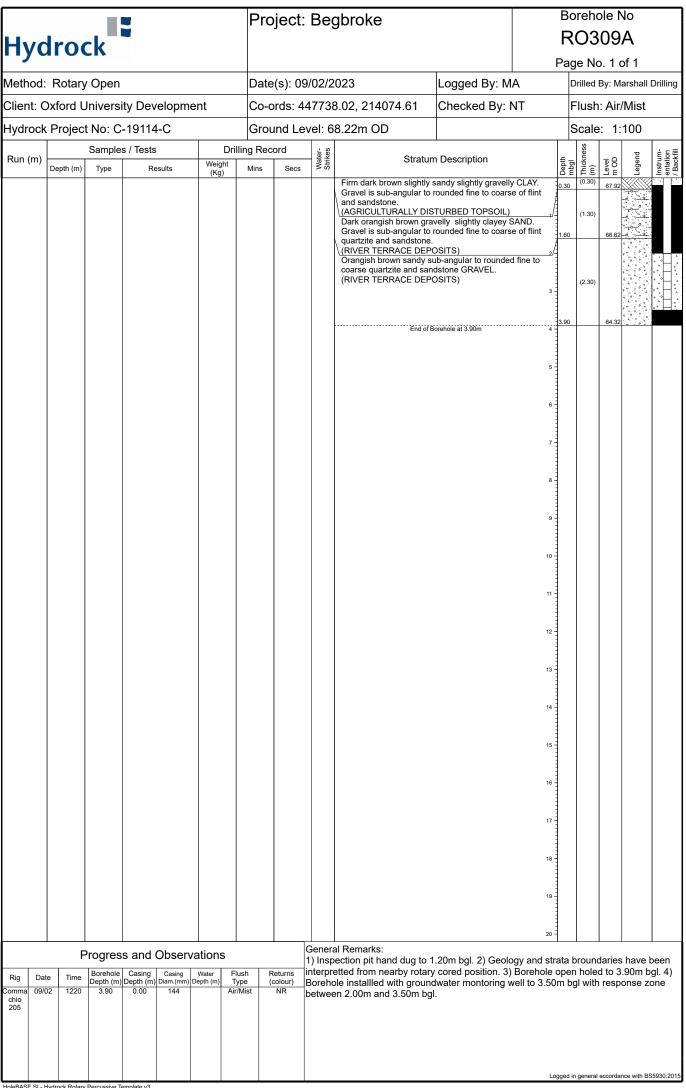
								Pro	ect	: B	egbroke			Во	reho	le N	10	
Hv	d	ro	ck						•		-			F	O	308	3	
··y	u	10	CIV											Pag	e No	. 1 c	of 2	_
Metho	od:	Dynaı	mic Sa	mpled &	& Rotar	y Cor	ed	Date(	(s): 0	7/02	2/2023	Logged By: Z0	<u> </u>	D	rilled I	3у: М	arshall I	Orilling
Client	: O>	rford l	Univer	sity Dev	elopme	ent		Co-oı	rds: 4	1474	165.29, 213576.01	Checked By: N	NT	F	lush			
Hydro	ck I	Projec	ct No: (	C-19114	l-C			Grou	nd Le	evel	: 68.30m OD			S	cale	: 1:	50	
Sample/Cor	re		Sampl	es / Tests		M	lechar	nical Lo	og	er-					ssat		p	ૄ કહ
Smpl. Ø (m Smpl. rec. 9		Depth (m)	Туре	Res	sults	TCR	SCR	RQD	Min If: Mean Max	Wat	Stratum I	Description		Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
											Firm brown slightly gravelly s rootlets. Gravel is sub-angula	ar fine of quartz and		0.30	(0.30)	68.00		
											(AGRICULTURALLY DISTUR	gravelly sandy CLA						
											is sub-angular to rounded fin and quartzite. (RIVER TERRACE DEPOSITE		indstone		(0.80)			
													1 -	1.10		67.20		
1.20 - 2. 110mm	.70										Yellowish brown sandy sub-a coarse flint, sandstone and I	limestone GRAVEL.	ed fine to		(0.50)			Y//>X//).
93% rec	;										(RIVER TERRACE DEPOSITED (RIVER TERRACE DEPOSI	,	gular to	1.60		66.70		
											sub-rounded fine to coarse o	of flint and limestone.	guiai to					
												,	2 -		(1.10)			
2.70 - 4.	.20										Yellowish brown sandy sub-a	angular to sub round	ad fine to	2.70		65.60		
110mm 100% re	ec										coarse flint, sandstone and li (RIVER TERRACE DEPOSIT	mestone GRAVEL.	3 -					
											(	. 5)						
													4 -					
															(3.15)			
													5 -					
5.70 - 7.	.20																	
											Stiff dark grey slightly sandy (KELLAWAYS CLAY MEMBE		6 -	6.05	(0.20)	62.45		
											Very strong light grey shelly I horizontal to sub-horizontal to	LIMESTONE. Fractu						
						100	84	55			rough. (CORNBRASH LIMESTONE	,						
											,	,			(1.15)			
											Between 6.90m and 7.2 shelly.	20m bgl: Becoming m	ore 7	7.20		61.10		
7.20 - 8.	.70										Medium strong grey shelly LI horizontal to sub-horizontal,					J1.10		
											occasional clay infill. (CORNBRASH LIMESTONE				(1.00)			
						94	94	73				•			(55)			
											Very strong light grey with oc	reasional brown stain	ing shelly	8.20		60.10		
											LIMESTONE. Fractures are sopen, undulating and rough w	sub-horizontal,			(0.50)			
8.70 -											(CORNBRASH LIMESTONE Weak grey thinly bedded MU	FORMATION)	·· .	8.70		59.60		
10.20											(FOREST MARBLE FORMA Between 8.95m and 9.0	TION)	andy 9 -	9.10	(0.40)	59.20		
						93	93	82			and mottled brown. Interbedded weak grey thinly	bedded MUDSTON		1				
						93	93	02			very strong light grey shelly of (FOREST MARBLE FORMA			7.	(0.60)	E0 01		
											Weak grey thinly bedded MU (FOREST MARBLE FORMA			9.70		58.60		
										Car	Continued of	on Next Sheet	10 -	-				
				ss and						1) Ir	neral Remarks: Inspection pit hand dug to 1.							gl,
Rig	Date	Time	Borehol Depth (n	e Casing n) Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type		eturns olour)		n rotary cored to 12.70m bg ings on completion.	µ. ತ) Borehole bac	ktilled with	pent	onite	pelle	is and	
														agod i	gener-'	2000=-1-	nce with BS	5030-2045
- 1		1	1		1									gged in	Acticisti	lburoon	CO IIIIW JO.	0000.2010

Method: Dynamic Sampled & Rotary Cored Date(s): 07/02/2023 Logged By: ZC Drilled By: Marshall Drilling Client: Oxford University Development Co-ords: 447465.29, 213576.01 Checked By: NT Flush:  Hydrock Project No: C-19114-C Ground Level: 68.30m OD Scale: 1:50  Sample/Core Nample: Core No: Samples / Tests Mechanical Log Now, It. Max (m) Min. Min. Min. Min. Min. Min. Min. Min.									Pro	ect	: B	egbroke			Во	reho	ole N	Ю	
Method: Dynamic Sampled & Rotary Cored Date(s): 07/02/2023 Logged By: ZC Ditted by Method: Description Coords: 447465.29, 213576.01 Checked By: NT Flush: Fl	Цν	d.	ro	ck					,	,		- 3			F	203	308	3	
Method: Dynamic Sampled & Rotary Cored  Date(s): 07/02/2023  Coords: 447465.29, 213576.01  Checked By: NT  Flush:  Flush:  Samples / Tests  Mechanical log	Пу	ui	U	CK										ı	Pag	e No	o. 2 d	of 2	
Progress and Observation   Security   Secu	Metho	d: D	Dynar	nic Sa	mpled 8	Rotar	y Cor	ed	Date(	(s): 0	7/02	2/2023	Logged By: Z0						Orilling
Samples / Teals  Mechanical Log With Methods	Client	Oxf	ford l	Jnivers	sity Dev	elopme	ent		Co-oı	rds: 4	474	165.29, 213576.01	Checked By: N	NT	F	lush	:		
Samples / Teals  Mechanical Log With Methods	Hydro	ck P	rojec	t No: (	C-19114	l-C			Grou	nd Le	evel	: 68.30m OD	-		S	cale	: 1:	50	
Progress and Observations  11.70  Progress and Observations  Re Date Tree Seature Course (Course In the Seature Course) Reserved Course (Course) Reserved Reserve	Sample/Cor	e					N	1echai	nical Lo	og	es es								± ភ.≣
Progress and Observations  11.70  Progress and Observations  Re Date Tree Seature Course (Course In the Seature Course) Reserved Course (Course) Reserved Reserve	Smpl. Ø (m Smpl. rec. 9			Туре	Res	sults	TCR	SCR	RQD	Min If: Mean Max	Wat	Stratum	·		Depth mbgl	Thickr (m)	Level m OD	Legen	Instrur entatic / Back
Progress and Observations	10.20 -													-					
Progress and Observations    Progress and Observations   General Remarks:   Incomplete the part of the	11.70											Interhedded weak grey thinly	/ hedded MUDSTON	F and	10.50		57.80		
11.70 100 100 91 100 100 91 100 100 91 100 100												very strong light grey shelly	politic LIMESTONE.	_ aa _	10.75	(0.25)	57.55		
Progress and Observations  Progress and Observations  See Date Time Secretaria Case Control Case Control Contr							100	100	82					11 -		(0.75)			
Progress and Observations  Progress and Observations  See Date Time Secretaria Case Control Case Control Contr														-	11 50		56.80		
Progress and Observations  Progress and Observations  Ganara Remarks: 1) inspection pit hand dug to 1.20m bgl, 2) Borehole dynamic sampled to 5.70m bgl, then rotary cored to 12.70m bgl, 3) Borehole backflied with bentontile pellets and	11.70 -													E and .	11.30		30.80	$\Box$	
Progress and Observations  General Remarks: 1) Inspection pile hand day to 1.20m bgl. 2) Borehole dynamic sampled to 5.70m bgl, 1) Borehole backfilled with bentonite pellets and arisings on completion.	12.70											(FOREST MARBLE FORMA	TION)	12 -					
Progress and Observations    Progress and Observations   General Remarks:   1   1   2   2   2   2   2   2   2   2							100	100	91					-		(1.20)		$\perp$	
Progress and Observations    Progress and Observations   General Remarks:   1   1   2   2   2   2   2   2   2   2														-				+	
Progress and Observations  September   Progress   Progr												End of Bore	hole at 12.70m		12.70		55.60		
Progress and Observations  Rig Date Time Boshole Casino Carer Weet Flush Type (colour)  Repetition of the Casino Carer State S														13 -					
Progress and Observations  Rig Date Time Boshole Casino Carer Weet Flush Type (colour)  Repetition of the Casino Carer State S														-					
Progress and Observations  Rig Date Time Boshole Casino Carer Weet Flush Type (colour)  Repetition of the Casino Carer State S														-					
Progress and Observations  General Remarks: 1) Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 5.70m bgl, the rotative code to 12.70m bgl. 3) Borehole backfilled with bentonite pellets and arisings on completion.														14 -					
Progress and Observations  General Remarks: 1) Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 5.70m bgl, the rotative code to 12.70m bgl. 3) Borehole backfilled with bentonite pellets and arisings on completion.																			
Progress and Observations  General Remarks: 1) Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 5.70m bgl, the rotative code to 12.70m bgl. 3) Borehole backfilled with bentonite pellets and arisings on completion.														-					
Progress and Observations  General Remarks: 1) Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 5.70m bgl, the rotative code to 12.70m bgl. 3) Borehole backfilled with bentonite pellets and arisings on completion.														-					
Progress and Observations  General Remarks: 1) Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 5.70m bgl, 19 19 19 19 19 19 19 19 19 19 19 19 19														15 - - -					
Progress and Observations  General Remarks: 1) Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 5.70m bgl, 19 19 19 19 19 19 19 19 19 19 19 19 19														-					
Progress and Observations  General Remarks: 1) Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 5.70m bgl, 19 19 19 19 19 19 19 19 19 19 19 19 19														-					
Progress and Observations    General Remarks: 1														16 -					
Progress and Observations  Rig Date Time Borthole Casing Depth (m)														-					
Progress and Observations  Rig Date Time Borthole Casing Depth (m)														-					
Progress and Observations  Rig Date Time Borthole Casing Depth (m)														-					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														17 <del>-</del> -					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)																			
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														-					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														18 -					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														-					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														-					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														-					
Progress and Observations    Rig   Date   Time   Borehole   Casing   Casing   Depth (m)														19 -					
Progress and Observations    Rig   Date   Time   Borehole   Casing   Casing   Depth (m)														-					
Progress and Observations    Rig   Date   Time   Borehole   Casing   Casing   Depth (m)														-					
Rig Date Time Borehole Casing Depth (m) Depth														20 -					
Triple Date Time Depth (m)			ı	Progre	ss and	Observ	ations	6			1) Ir	nspection pit hand dug to 1							gl,
Logged in general accordance with BS5930:2015	Rig	Date	Time	Borehol Depth (n	e Casing n) Depth (m)	Casing Diam.(mm)	Water Depth (m)						l. 3) Borehole bac	kfilled with	ben	tonite	pelle	ts and	
Logged in general accordance with BS5930:2015																			
Logged in general accordance with BS5930:2015																			
Logged in general accordance with BS5930:2015																			
														Lo	gged in	general	accorda	nce with RS	5930:2015

All Annual Progress and Observations  ROSO Page No. 1 of 1 on									Pro	ject	: B	egbroke			Во	reho	ole N	lo	
Selection: Oxford University Development Occords: 447738 0.2, 214074.61 Checked By: MA Direct Sy, Masses Dilling Occords: 447738 0.2, 214074.61 Checked By: MT Flush: Flus	Ηv	dı	ro	ck						-		-			F	O	309	)	
Chencis Cxiford University Development  Co-cords: 447738.02, 214074.61  Checked By: NT  Flush:  Flush:	ı ı y	<b>u</b> I													⊃ag	e No	). 1 c	of 1	
Scale: 1:50  Scale	Metho	d: [	Dynar	nic Sa	mpled 8	& Rotar	y Cor	ed	Date	(s): 0	9/02	2/2023 Log	gged By: M	4	D	rilled I	Зу: Ма	arshall [	Drilling
Samples / Tests  Medical Type  Secretary Secretary  Size	Client:	Ох	ford l	Jnivers	sity Dev	elopme	ent		Со-о	rds: 4	477	738.02, 214074.61 Che	ecked By: N	1T	F	lush	:		
Progress and Observations  The Trave Design and State of Control (Control of the Control of the	Hydro	ck P	rojec	t No: C	C-19114	l-C			Grou	nd Le	evel	68.22m OD			s	cale	: 1:	50	
Progress and Observations  The Trave Design and State of Control (Control of the Control of the	Run (m)			Sample	es / Tests		N	lechan	nical L	og	rter- kes	Stratum Deed	crintion		<u>.</u>	kness	<del>-</del> 0	Ē	um- tion kfill
Garde is as a Jungstein to rounded fine to course of filts and and public days garded for some of the course of th	Smpl. Ø (mn Smpl. rec. %			Туре	Res	sults	TCR	SCR	RQD	If: Mean Max	Stri				Dept	(m)	Leve m Of	Lege	Instri entat / Bac
WAGRICULTURALLY (STUDIES)  Dark creating brown years group stores (WVEX. ELEPHACE DEPOSITS)  AND STUDIES AND DEPOSITIONS  No. 5.50  No.												Gravel is sub-angular to rounded		flint and	0.30	(0.30)	67.92		
Be sub-arguet for rounded fine to copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint questizes (RN/ER TERRACE DEPOSITS)  NI  Document of the copier of flint question of flint questi												(AGRICULTURALLY DISTURBED		D. Gravel				ب م	
20 - 5 50  Trium DON- noc    Trium Bayer on Observations    Progress and Observations    Trium Bayer on Observation    Trium Bayer on Ob												and sandstone.	coarse of flint qu	artzite -				۔ میں۔ میں م	
Throughout the control of the contro	1 20 - 2 (	0										(RIVER TERRACE DEPOSITS)		1 -		(1.30)		۔ ہے۔	
Orangini horse savity sub-angular to rounded fine to construct patterns and anothers (SRAVEL.  No. 5.50  N	110mm													-				۔ فیٹ	
Reverse Terrance Deposits)   Reverse Terrance Deposits)   Reverse Terrance Deposits   Reverse Deposits   R														e to .	1.60		66.62	,	
No. 5.50  No. 5.													SIVAVEE.	2 <b>-</b>					
No. 5.50  No. 5.													-						
No. 5.50  No. 5.													-						
Progress and Observations  Progress and Observations  General Remarks:  1) Inspection pit hair drops to 1.20m bgl. 2) Borehole dynamic sampled to 2.00m bgl.  General Remarks:  1) Inspection pit hair drops to 1.20m bgl. 2) Borehole dynamic sampled to 2.00m bgl.  So that Thee Bone in September 1 to 1.00m bgl. 20m bgl. 20m bgl. 3) Borehole dynamic sampled to 2.00m bgl.  So that Thee Bone in September 2 to 1.00m bgl. 20m bgl. 20m bgl. 3) Borehole dynamic sampled to 2.00m bgl. 3) Borehole dyn													-		(2.30)				
One - 5.50  889 59 15 00 00 12														3 -					
One - 5.50  889 59 15 00 00 12														-					
One - 5.50  889 59 15 00 00 12														-					
Progress and Observations  Progress and Observations  Outside Time Depth (m)	4.00 - 5.	50								NI			vn 4-	3.90		64.32			
Progress and Observations  Progress and Observations  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  June Color of Bondows at 8 46n.  General Remarks: 1) In June Color of Bondows at 8 46n.  June Co												horizontal to sub-horizontal, open							
Progress and Observations  General Remarks:    Company										40		(CORNBŘASH LIMESTONE FOR	RMATION)			(4.00)			
Progress and Observations  Progress and Observations  Superior of Board Casing							89	59	15	80				-		(1.60)			
Progress and Observations  Progress and Observations  General Remarks: 1   Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 2.00m bgl. 1   Inspection pit hand dug to 1.50m bgl. with response zone between 4.50m and 5.50m bgl. with response zone between 4.50m and 5.50m bgl. with response zone between 4.50m and 5.50m bgl.  Progress and Observations  General Remarks: 1   Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 2.00m bgl. 1   Inspection pit hand dug to 1.50m bgl. with response zone between 4.50m and 5.50m bgl. with response zone between 4.50m and 5.50m bgl.  Sometimes of coarse sand and shell fragments. (FOREST MARBLE FORMATION)  Find of Borehole Casing of the coarse sand and shell fragments.  General Remarks: 1   Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 2.00m bgl.  Open holed from 2.00m to 4.00m, then rotary covered to 6.40m bgl. 3) Borehole installed with groundwater monitoring well to 5.50m bgl, with response zone between 4.50m and 5.50m bgl.										20				5 -					
Progress and Observations  Progress and Observations  General Remarks: 1) Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 2.00m bgl. 2) Borehole dynamic sampled to 2.00m bgl. 3) Borehole installed with response zone between 4.50m and 5.50m bgl. 3) Borehole installed with response zone between 4.50m and 5.50m bgl.	5.50 - 6.4	40										Vary stiff grow thinly laminated CI	AV with accesion		5.50		62.72		
Progress and Observations  General Remarks: 1) Inspection pit hand dug to 1.20m bgl. 2) Borehole dynamic sampled to 2.00m bgl. Open holed from 2.00m to 4.00m, then rotary cored to 6.40m bgl. 3) Borehole installed with groundwater monitoring well to 5.50m bgl, with response zone between 4.50m and 5.50m bgl.												lenses of coarse sand and shell fr	ragments.	ılaı . -					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)							78	78	49	INI			,	6 -		(0.90)			
Progress and Observations  Rig Date Time Borehole Casing Casing Depth (m) De												F-10-14D-11-11-1	-1.0.40	-	6.40		61.82		
Progress and Observations    Rig   Date   Time												End of Borenole a	at 6.40m	-					
Progress and Observations    Rig   Date   Time														- 7 -					
Progress and Observations    Rig   Date   Time														· -					
Progress and Observations    Rig   Date   Time														-					
Progress and Observations    Rig   Date   Time														-					
Progress and Observations    Rig   Date   Time   Borehole   Casing   Depth (m)   Depth (m)														8 -					
Progress and Observations    Rig   Date   Time   Borehole   Casing   Depth (m)   Depth (m)														-					
Progress and Observations    Rig   Date   Time   Borehole   Casing   Depth (m)   Depth (m)														-					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														9 -					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														-					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														-					
Progress and Observations  Rig Date Time Borehole Casing Depth (m)														-					
Rig Date Time Borehole Casing Depth (m) Depth											Car	oral Pamarka:		10 -					
Type (colour) with groundwater monitoring well to 5.50m bgl, with response zone between 4.50m and 5.50m bgl.			F						T -		1) Ir	spection pit hand dug to 1.20m	n bgl. 2) Boreh	ole dynam	ic sa	mple	d to 2	.00m b	gl.
	Rig	Date	Time		e Casing n) Depth (m)						with	groundwater monitoring well to	to 5.50m bgl, w	vith respon	se z	one b	etwee	en 4.50	m and



					·			Pro	ect	: B	egbroke				reho			
Ну	dı	ro	ck								-			F	RO	310	)	
٠٠,	<u></u>													Pag	je No	o. 1 d	of 1	
Metho	d: E	Dynar	nic Sa	mpled 8	& Rotar	y Core	ed	Date	(s): 1	3/02	2/2023	Logged By: M.	A	D	rilled	Ву: М	arshall I	Orilling
Client:	Oxf	ford (	Jnivers	sity Dev	elopme	ent		Co-o	rds: 4	477	730.99, 213943.05	Checked By: N	NT	F	lush	: Air	/Mist	
Hydro	ck P	rojec	t No: (	C-19114	-C			Grou	nd Le	evel	67.04m OD			S	Scale	: 1:	50	
sample/Core Run (m) Smpl. Ø (mm			Sample	es / Tests		M	lechar	nical Lo	Og Min If: Mean	ater- ikes	Stratum	Description		₽_	Thickness (m)	<u>€</u> C	pue	tion kfill
impl. rec. %		Depth (m)	Туре	Res	ults	TCR	SCR	RQD	If: Mean Max	Str.	Firm dark brown slightly sand	·	IAV	Depth	(m)	Level m OD	Legend	Instrum- entation / Backfill
											Gravel is sub-angular to rour sandstone.			0.30	(0.30)	66.74		
											\(AGRICULTURALLY DISTUR Yellowish brown gravelly SAI	ND. Gravel is sub-an		0.50	(0.20)	66.54		
											rounded fine to coarse of flin (RIVER TERRACE DEPOSI	TS)		4				
1.20 - 2.5	50										Yellowish brown SAND and ( angular to rounded fine to co and quartzite.				(1.45)			
110mm 100% red											(RIVER TERRACE DEPOSI	TS)			(1.10)			
											Stiff grey mottled yellowish b			1.95		65.09	X_X,X,	
											Fissures are very closely spa (KELLAWAYS CLAY MEMBE		riented.	-				
2.50 - 4.0	00								NI					]	(1.15)			
																	× × × ,	
						80	31	20	40		Between 3.00m and 3.1 gravel sized selenite cryst	tals.	/	3.10		63.94		
						00	31	20	180 330		Strong grey with orangish bro	horizontal to sub-ver	tical, very					
											closely spaced, open to close occasional sandy infill. (CORNBRASH LIMESTONE		with					
1.00 - 5.5	50										Between 3.80m and 4.7 spheroidal weathering.		vith 4					
											,			1	(2.40)			
														-				
						100	100	89			Between 4.80m and 4.9	90m bgl: Medium stro		]				
													5 -					
5.50 - 6.5	50								60		Very strong dark grey unwea	athered shelly LIMES	TONE	5.50		61.54		
									400		(CORNBRASH LIMESTONE		IONE.		(0.60)			
						75	75	57					6 -	6.10	(0.40)	60.94		
									300		Interbedded very weak dark MUDSTONE and very weak (FOREST MARBLE FORMA	shelly LIMESTONE.	,	6.20	(0.10)	60.84		
											Very weak grey thinly bedder (FOREST MARBLE FORMA	d MUDSTONE.		6.50		60.54		
											End of Bore	ehole at 6.50m	7 -					
													, -	-				
													8 -	-				
													9 -	-				
													10 -	1				
		F	rogre	ss and (	Observa	ations	;			1) Ir	eral Remarks: espection pit hand dug to 1.							
	Date 3/02	Time 1300	Borehole Depth (n 6.50	e Casing Depth (m) 2.00	Casing Diam.(mm)	Water Depth (m)	Flush Type Air/Mis	(c	eturns olour) NR		rotary cored to 6.50m bgl. Im bgl, with response zone				dwate	r mor	itoring	well to
chio 205	3102	1300	0.50	2.00	120		AII/IVIIS		MIZ									
													Lo	gged in	ı general	accorda	nce with BS	5930:2015
	_									_				_		_		

						Proj	ect	: B	egbroke				reho			
Hyd	dro	$ck^{-}$											RO:			
						<b>.</b>		0.10.6	10000			Ť	e No			
			mpled & Rota		ed				2/2023	Logged By: Zo		_			arshall I	Orilling
			sity Developn	nent					746.00, 213823.06	Checked By: I	N I				Mist	
	Proje		C-19114-C						: 64.41m OD				Scale	: 1:	50	
Sample/Core Run (m) Smpl. Ø (mm)	Depth		es / Tests	_		RQD	Min	Nater- Strikes	Stratum I	Description		pth og	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
Smpl. rec. %	(m)	Туре	Results	TCR	SCR	RQD	Max	- 07	Soft brown slightly sandy CL		tlets.	2 2		n Le	و الا	<u>≅</u> 5 €
									(AGRICULTURALLY DISTUI	· · · · · · · · · · · · · · · · · · ·	-angular	0.30	(0.30)	64.11		
									to sub-rounded fine to coarse (RIVER TERRACE DEPOSI		e. ·		(0.90)			
											1 -					
1.20 - 2.70 110mm									Soft orangish brown very sai			1.20		63.21		
87% rec									(RIVER TERRACE DEPOSI	18)			(0.90)			
													(0.50)			
									Orangish brown very gravell	y SAND with occasio	nal sub-	2.10		62.31		
									rounded cobbles of quartzite rounded fine to coarse of quartzite	artzite sandstone and		2.40	(0.30)	62.01		
2.70 - 3.80							30		\(\(\(\text{RIVER TERRACE DEPOSI\)}\) Soft light brown sandy very (	gravelly CLAY with fre		2.60	(0.20)	61.81		
							120 200		cobbles of limestone. Gravel to coarse of flint quartzite an (RIVER TERRACE DEPOSI	d limestone.	ngular fine		(0.60)			
				78	51	40			Strong light brown shelly we Fractures are horizontal ope		3.20		61.21			
									sand infill. (CORNBRASH LIMESTONE Strong light grey with orangis	ally						
3.80 - 5.20							60 110		weathered LIMESTONE. Fra and undulating with sand infi	actures are horizontal					$\perp$	
							210		(CORNBRASH LIMESTONE				(2.10)			
				63	54	39							, ,			
															$\Box$	
											5 -					·.•—.·
5.20 - 6.60									Very weak light grey thinly be	edded MUDSTONE.		5.30		59.11		
									(FOREST MARBLE FORMA	TION)						
				96	76	76					6 -		(1.30)			
									Between 6.40m and 6.6 beds (up to 5cm) of grey I	limestone.	hin .	6.60		57.81		
									End of Bore	ehole at 6.60m						
											7 -					
											•					
											8 -					
												-				
											9 -					
										10 -						
	,		ss and Obse					1) Ir	neral Remarks:							
Rig Da		Depth (n	e Casing Casing n) Depth (m) Diam.(mn	Water n) Depth (m)	Flush Type Air/Mi	e (co	turns blour) NR		n rotary cored to 6.60m bgl. Om bgl, with response zone			wate	mor	itoring	well to	
chio 205	1130	0.00	2.70 144		ΔII/IVII	J.	417									
											Lo	gged in	general	accordar	ice with BS	5930:2015
loleBASE SI -	lydrock Com	bined Drilling	2 Template v3													

							Proj	ect	: B	egbroke				reho			
Hyc	Iro	ck					•						F	03	312	2	
, .	5	~11											Pag	e No	. 1 c	of 2	
Method:	Dyna	mic Sa	mpled &	& Rotar	y Cor	ed	Date(	s): 0	9/02	2/2023	Logged By: Z(	0	D	rilled E	Ву: Ма	arshall	Orilling
Client: C	xford	Univer	sity Dev	elopme	ent		Co-or	ds: 4	477	753.11, 213733.38	Checked By: I	NT	F	lush	: Air/	Mist	
Hydrock	Projec	ct No: (	C-19114	1-C	_		Groui	nd Le	evel:	67.28m OD			S	cale	: 1:	50	
Sample/Core Run (m) Smpl. Ø (mm)	5 "	Sampl	es / Tests	3	M	lechar	RQD	og Min	ater- rikes	Stratum I	Description		# <u>-</u>	Thickness (m)	<u> </u>	pue	Instrum- entation / Backfill
Smpl. rec. %	Depth (m)	Туре	Res	sults	TCR	SCR	RQD	If: Mean Max	S K	Soft brown slightly sandy CL.	·	tlets	Depth mbgl	E E	Level m OD	Pregend	Instrum entation / Backfil
										(AGRICULTURALLY DISTUR	RBED TOPSOIL)		0.30	(0.30)	66.98		
										to sub-rounded fine to coarse (RIVER TERRACE DEPOSIT	e of flint and quartzite	e.	1				
										`	,			(0.90)	i		
1.20 - 2.70												1.	1.20		66.08		
110mm 93% rec										Brown very gravelly SAND w sandstone and quartzite. Gra rounded fine to coarse of flin	avel is sub-angular to	sub-	-				
										(RIVER TERRACE DEPOSIT		rizite.	-				
												2 -		(1.25)			
										D. ( 0.05	45 D	. ,	-		04.00		
. =										Between 2.35m and 2.4 brown and clayey. Firm orangish brown mottled	•	/	2.45	(0.15)	64.83 64.68		
2.70 - 4.20 110mm										sandy silty CLAY. Sand forms (KELLAWAYS SAND MEMB)	s in occasional lense	gridy es.	3.00	(0.40)	64.28		
100% rec										Firm grey slightly sandy CLA bands of brown sand.	Y with occasional ve	ry thin 3'-	3.00		04.20		
										\((KELLAWAYS SAND MEMB)\) Stiff grey mottled yellow and	orange slightly sand	y CLAY.	-	(0.90)			
										(KELLAWAYS SAND MEMBI	ER)		-				
										Stiff grey thinly bedded CLAY (KELLAWAYS CLAY MEMBE		4 -	3.90		63.38		
4.20 - 5.70 110mm										(KELLAWATS CLAT MICHIDE	-14)						
93% rec													-				
													-	(0.45)			
												5 -		(2.15)			
													-				
5.70 - 7.20													-				
										Strong grey shelly weathered	NI IMESTONE From	6 ·	6.05		61.23		
										horizontal open to closed und sand infill.			-				
					100	100	95			(CORNBRASH LIMESTONE From 6.30m bgl: Becon			-				
										Between 6.50m and 6.6 fracture present.	60m bgl: One wavy ve	erticle	-				
7.20 - 8.70								90				7 -	- - -				
								250 300									
								000					-	(3.05)			
					100	97	91					8 -	-				
0.70													]				
8.70 - 10.20													-				
										Very weak light grey thinly be		9 -	9.10		58.18		
					100	100	93			(FOREST MARBLE FORMA	TION)		-				
													-	(1.10)			
											on Next Sheet	10 -					
		Progre	ss and	Observ	ations	;				eral Remarks: spection pit hand dug to 1.	.20m bgl. 2) Boreh	nole dynan	nic sa	mple	d to 5	.70m b	gl,
Rig Date		Depth (n	n) Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type	(cc	turns olour)	then	rotary cored to 10.20m bg .00m bgl, with response zo	I. 3) Borehole inst	alled with	grour	dwate			
Comma 09/0 chio 205	2 1330	10.20	0.00			Air/Mis	it I	NR		- '			J				
																	E020-0015
												Lo	yyea in	general a	accordar	nce with BS	JJJU.ZU15

								Proj	ect	B	egbroke			reho			
Н٧	d	ro	ck										F	O	312	2	
											т	_	-	e No			
Meth	od:	Dynaı	mic Sa	mpled a	& Rotar	ry Core	ed	Date(	s): 0	9/02	/2023 Logged By: 2	<u>'C</u>	D	rilled l	Зу: Ма	arshall [	Orilling
Clien	t: Ox	xford l	Jniver	sity Dev	/elopme	ent	- (	Co-or	ds: 4	477	53.11, 213733.38 Checked By:	NT	F	lush	: Air/	Mist	
Hydro	ock I	Projec	t No: (	C-19114	1-C	_	(	Groui	nd Le	evel	67.28m OD			cale	: 1:	50	
Sample/Co Run (m) Smpl. Ø (n	ore nm)	Depth		es / Tests				RQD	og Min	/ater- trikes	Stratum Description		# #	Thickness (m)	Σœ	Legend	Instrum- entation / Backfill
Smpl. rec.	%′	(m)	Туре	Res	sults	TCR	SCR	RQD	If: Mean Max	> ∞	Very weak light grey thinly bedded MUDSTONE		l	Ē.Ē	Level m OD	Ĉe J	Insl enti / Ba
											(FOREST MARBLE FORMATION) End of Borehole at 10.20m	/.	10.20		57.08		
												- -					
												- - 11 -					
												:					
												12 -					
												-					
												13 -					
												14 -					
												15 - -					
												- - -					
												- - 16 -					
												17 -					
												18 -					
												- -					
												19 <del>-</del> -					
												- -					
												20 -					
		ı	Progre	ss and	Observ	ations	3			1) Ir	eral Remarks: spection pit hand dug to 1.20m bgl. 2) Bore	hole dynam	ic sa	ımple	d to 5	.70m b	gl,
Rig	Date	Time	Borehol Depth (n	e Casing n) Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type		turns	ther	rotary cored to 10.20m bgl. 3) Borehole in 00m bgl, with response zone between 6.00	stalled with o	grour	ndwat	er mo	nitoring	g well
													J				
												J.o.	gged in	general:	accordan	ce with BS	5930:2015
		_						_				LO	JU - 4 111	J	uuli	50	

						Pı	roject	Be	gbroke			Во	reho	ole N	Ю	
Hyc	Iro	-k <sup>=</sup> '					•					R	03	12	A	
··yc											F	⊃ag	e No	o. 1 c	of 1	
Method:	Rotary	Open				Da	ite(s): 0	9/02/2	2023	Logged By: Zo	2	D	rilled l	Ву: Ма	arshall [	Orilling
Client: C	xford L	Jniversi	ity Dev	elopme	ent	Co	o-ords: 4	4775	3.11, 213733.38	Checked By: 1	NT	F	lush	: Air/	Mist	
Hydrock	Projec					Gr	ound Le	evel: 6	7.28m OD					: 1:	100	
Run (m)		Sample				Orilling R		Water- Strikes	Stratun	n Description		oth gl	Thickness (m)	D G	Legend	Instrum- entation / Backfill
	Depth (m)	Туре	Re	esults	Weight (Kg)	Mins	Secs	> w	Soft brown slightly sandy	CLAY with frequent r		0.30	(0.30)	Level m OD 66.98	, j	Inst ent / Ba
									(AGRICULTURALLY DIS Light brown slightly grave	elly SAND. Gravel is s	sub-		(0.90)			
									angular to sub-rounded fi quartzite. (RIVER TERRACE DEPO		na 1 -	1.20		66.08		
									Brown very gravelly SAN sandstone and quartzite.	D with occasional col	obles of	2.00	(0.80)	65.28		
									rounded fine to coarse of (RIVER TERRACE DEPO	flint sandstone and o DSITS)	uartzite. 1					
									End of B	orehole at 2.00m	3 -					
											4					
											5					
											6 -					
											7					
											8 -					
											9 -					
											10					
											11 -					
											12 -					
											13 -					
											14 -					
											15					
											16 -					
											17					
											18 -					
											19 –					
											20 -					
	F	rogres	s and	Observ	ations				I al Remarks: pection pit hand dug to 1	20m hal 2) Goola		ata h	round	laries	have h	neen .
Rig Dat	1	Borehole	Casing	Casing Diam.(mm)	Water	Flush Type	Returns (colour)	interpr	etted from nearby rotary ole installled with ground	cored position. 3)	Borehole of	pen	holed	d to 2.	.00m b	gl. 4)
Comma 09/0	1430	2.00	2.00	144		Air/Mist	NR		en 1.00m and 2.00m bgl		von to 2.001	ii bg	p vvilil	ισομί	J113€ Z(	, 10°
205																
Logged in general accordance with BS593t HoleBASE SI - Hydrock Rotary Percussive Template v3												5930:2015				

		Ţ.	F				Pro	ject	: B	egbroke					ole N		
Hyd	lro	ck										_			313		
Method:			mpled	& Potan	, Core		Date	(e): 0	ດ/ດາ	2/2023	Logged By: M		Ť		). 1 c		Drilling
Client: O			•			<del>-</del> u		•		995.70, 214111.64	Checked By: N		_			Mist	Drilling
Hydrock				-	111					: 65.84m OD	Checked by. I	<b>V</b> I	_		: 1:		
Sample/Core	1 10,0		les / Tests		М	echa	nical L		Г								≡
Run (m) Smpl. Ø (mm) Smpl. rec. %	Depth (m)	Туре		sults	TCR	SCR		T Min	Water- Strikes	Stratum	Description		Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
								IVIGA		Firm dark brown slightly san Gravel is sub-angular to rou		_AY	0.30	(0.30)	65.54		
										sandstone. (AGRICULTURALLY DISTUITION DISTUI		A		(0.50)			
0.80 - 2.00								NI		CLAY with rare cobbles of su limestone. Gravel is sub-ang	ub-angular to sub-rou gular to sub-rounded	nded -	0.80		65.04		
										coarse of limestone and san	TS)	1/1					
					42	0	0			Moderately strong grey with weathered shelly LIMESTON horizontal to sub-vertical ope	NE. Fractures are sub	- 1				Ш	
										clay infill. (CORNBRASH LIMESTONE		:					
2.00 - 3.00												2 -					-
																П	
					80	50	24	40 70				1		(3.70)			
3.00 - 4.00								130				3 -					
								NI									
					75	41	33	50				:					
								100 220				1					
4.00 - 4.50					70	4	0	NI				4 -					
4.50 - 5.50					70	4	U	00			I MUDOTONE W		4.50		61.34		
								20 120 280		Very weak grey thinly bedde thin beds (2mm) of siltstone. (FOREST MARBLE FORMA			4.80	(0.30)	61.04		
					95	82	72			Very strong grey unweathers occasional shell fragments. I	ed crystalline LIMEST Fractures are closely	spaced °		(0.70)			
										open to closed undulating ar (FOREST MARBLE FORMA		1	5.50	(0.70)	60.34		
										End of Bore	ehole at 5.50m		5.50		00.04		
												6 -					
												-					
												]					
												' ]					
												]					
												-					
												8-					
												:					
												-					
												9 -					
												-					
												10 -					
		L Proare	ss and	Observa	ations			1		l neral Remarks:	90m hal anto more		20=-1	2012	otor	00===	to
Rig Date		Boreho	le Casing	Casing	Water epth (m)	Flush		eturns olour)	5.50	nspection pit hand dug to 0 Om bgl. 3) Borehole installe oonse zone between 2.00m	d with groundwate						
Comma 09/0 chio	2 1700		1.50	142	4.00	Air/Mi		NR	, esp	onse zone between z.uum	i ana 4.50m byl.						
205																	
												1	ided :-	genoro!	accordo	ice with P	S5930-204E
HoleBASE SI - H	vdrock Com	bined Drilling	2 Template v3	<u> </u>								Log	ged in	general	accordar	ice with B	S5930:2015

					Pro	ject:	Be	gbroke				reho			
Hyc	Iro	ck									R	О3	13	A	
											⊃ag	e No	). 1 c	of 1	
Method:	Rotary	Open (			Date	e(s): 09	9/02/2	023	Logged By: M.	A	D	rilled I	Зу: Ма	arshall I	Drilling
Client: C	xford L	Jniversi	ty Developm	ent	Co-d	ords: 4	4799	5.70, 214111.64	Checked By: N	NT	F	lush	: N/ <i>F</i>	١	
Hydrock	Projec	t No: C	-19114-C		Grou	und Le	vel: 6	5.84m OD				cale	: 1:	100	
Run (m)		Sample			Iling Red	I	Water- Strikes	Stratum	n Description		oth g	Thickness (m)	DD Gel	Legend	Instrum- entation / Backfill
	Depth (m)	Туре	Results	Weight (Kg)	Mins	Secs	> 0	Firm dark brown slightly s		CLAY.		(0.30)	OD E 65.54	Ĕ 	Ins ent / B
								Firm dark brown slightly s Gravel is sub-angular to r and sandstone. (AGRICULTURALLY DIS' Firm dark orangish brown CLAY with rare cobbles of limestone. Gravel is sub-a coarse of limestone and s (RIVER TERRACE DEPC End of Bo	TURBED TOPSOIL) I slightly sandy slightly sandy slightly foub-angular to sub-angular to sub-angular to sub-sandstone.	e of flint y gravelly rounded	0.90	(0.60)	64.94		
										19 –					
										20 -					
	F	rogres	s and Observ	⊥ ⁄ations	<u> </u>			al Remarks:	00m h-1			: دامه	t-"	التنام	
Rig Dat Hand 10/0 Tools	e Time	Borehole		Water F Depth (m) T		Returns		ection pit hand dug to 0. water monitoring well to bgl.		esponse zo	ne b	etwee	en 0.5	60m an	
IoleBASE SI - F		1								FOÉ	,5 -4 111	J101011	o.udl		

							Proj	ect	B	egbroke				reho			
Hyc	Iro	ck											F	OS	314	ļ	
, .	0	~11											Pag	e No	o. 1 c	of 1	
Method:	Dyna	mic Sa	mpled 8	& Rotar	y Core	ed	Date(	s): 10	0/02	/2023	Logged By: M	A	D	rilled l	Ву: Ма	arshall I	Orilling
Client: C	xford	Univer	sity Dev	elopme	ent		Co-oı	ds: 4	479	95.86, 213918.34	Checked By: I	NT	F	lush	: Air/	Mist	
Hydrock	Projec	ct No: (	C-19114	I-C			Grou	nd Le	evel:	63.98m OD			S	cale	: 1:	50	
Sample/Core Run (m) Smpl. Ø (mm)		Sampl	es / Tests	<b>:</b>	М	lechar	nical Lo	Min If: Mean	ater- rikes	Stratum	Description		£ <u>-</u>	Thickness (m)	<del>-</del> - □	pue	Instrum- entation / Backfill
Smpl. rec. %	Depth (m)	Туре	Res	sults	TCR	SCR	RQD	If: Mean Max	St W	Firm dark brown slightly san	dv slightly gravelly C	I AY	Depth	m)	Level m OD	Legend	Instr enta / Ba
4.00 0.50										Gravel is sub-angular to rour sandstone. (AGRICULTURALLY DISTU Orangish brown gravelly slig sub-rounded to rounded fine sandstone. (ALLUVIUM)	nded fine to coarse o RBED TOPSOIL) htly clayey SAND. G	f flint and ravel is	0.30	(0.30)	63.68		
1.20 - 2.50 110mm 100% rec										Soft dark brown organic sligl abundant plant matter and o	rganic odour. Gravel	Y with is		(0.50)			
2.50 - 4.00 110mm 67% rec										rounded fine to coarse of flin (ALLUVIUM) Light brownish grey SAND (ALLUVIUM) Yellowish brown slightly clay rounded fine to coarse limes GRAVEL. (RIVER TERRACE DEPOSI Between 2.40m and 3. sub-angular limestone.	ey sandy angular to stone sandstone and	flint	1.70	(0.15)	62.28	·	
4.00 - 5.50										Firm grey sandy CLAY. \(RIVER TERRACE DEPOSI Moderately strong grey ooliti (CORNBRASH LIMESTONE Interbedded very weak grey	tc LIMESTONE. FORMATION)	a/.	3.75	(0.05)	60.23 60.18 59.73		· · · · · · · · · · · · · · · · · · ·
5.50 - 7.00					100	2	0			and moderately strong grey (FOREST MARBLE FORMA	shelly LIMESTONE.	5-	- - - - - - - - - -	(2.75)			\$ .
					73	67	67					6 -	7.00		56.98		
										End of Bore	ehole at 7.00m		7.00		30.30		
									Gen	eral Remarks:		9 -					
			ss and						1) In	spection pit hand dug to 1							
Rig Dat Comma 10/0 chio 205		Depth (n	e Casing Depth (m) 4.00	Casing Diam.(mm) I 142	Water Depth (m)	Flush Type Air/Mis	(cc	eturns blour) NR		rotary cored to 7.00m bgl. m bgl, with response zone		nd 4.50m	bgl.			itoring	

							Proi	ect	: B	egbrol	ке				Во	reho	ole N	lo	
Hy	dro	ck					,								F	O	315	5	
													I	1	Ť	e No			
Method										2/2023 - 1			Logged By: JI				•	arshall [ mist, /	ı ı
			sity Dev		ent					01.11, 2		2	Checked By:	NT	N	1ist			
Hydroc	k Proje		C-19114		Τ.					63.32m	OD				5	Scale	9: 1:	50	
Sample/Core Run (m)	Depth	Type	les / Tests	sults	TCR	lechan scr	RQD	Min If: Mean	Water- Strikes		Str	atum l	Description		Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
	(m) 0.10	ES						Max		Firm brow			sandy CLAY with free zed fragment of brick			(0.30)			<u>-</u> • √
	0.30 - 0.60	В							_	is sub-ang (AGRICUL	ular fine of TURALLY I	flint. DISTUI	RBED TOPSOIL)		0.30	(0.30)	63.02	<u> </u>	
	0.50 - 1.20	В								with rare r			gravelly slightly san sub-angular medium		0.60	(0.40)	62.72		
1.00 - 2.00 100% rec									_	grey flint. (ALLUVIU Very soft li		ottled o	orangish brown slight	ly gravelly	1.00	(*,	62.32		
100 % TeC									•	slightly sai sub-angula	ndy CLAY war to sub-ro	vith a s	light organic odour. ( fine to coarse of flint	Gravel is			ŀ		
										grained sa (ALLUVIU	M)	very ar	avelly coarse graine	d SAND		(4.50)	i		
2.00 - 3.50										Gravel is s	sub-angular	to rour	nded fine to coarse onelly limestone, tabu	of tabular		(1.50)			
0% rec										grained sa									
								(RIVER TERRACE DEPOSITS)  Dark brown sandy GRAVEL. Gravel is sub- angular to rounded fine to coarse of tabular medium grained iron-rich sandstone, flint, quartzite and white shelly limestone.  (RIVER TERRACE DEPOSITS)											
										sandstone	, flint, quart	zite an	d white shelly limest						
										(IXIVEIX II	INVACE D	LI OSI	10)	3 -					
										44.2	50m; Cmaa		over alone at the end of the			(1.55)			
													ey clay at the end of the ced in grey alluvium.	ie ruii,					
4.00 - 5.50													Gravel is coarse, san	ds 4-	4.05		59.27		
										Strong gre		er wea	<i>graver.</i> Ithered yellowish bro vith occasional bivalv		4.34	(0.29)	58.98	X	
					20	3	0			(CORNBR	ASH LIMES n 4.05m to 4	STONE 4.35m: I	FORMATION) Non-intact.					<u>×_×</u> _	
										are very cl	osely space	ed of w	iish grey silty CLAY. hite siltstone, muddy are extremely close	, ,		(1.16)		<u>x</u>	
	5.20	HSV	140	lkPa						horizontal.			•	spaceu				× <u> </u>	
										From	n 4.90m to 5 one with freq	5.00m: I	Band of strong grey clusions of carbonise	d plant	5.50		57.82	X	·.H.:
										TOSSIIS	(lignite). Ei	nd of Bore	ehole at 5.50m	<i>d</i> ]					
														6 -					
														7 -					
														8 -					
														9 -					
			_	<u> </u>	1					01:		Gene	ral Remarks:	10 -	_				
Di. C	_	Porobo	ess and	Observ	/ations	Flush	Re	turns	Fro	Chisell	Duration	1) Ins	pection pit hand d 0m, then rotary co						
Comma 10	/02 173	Depth (	m) Depth (m)		Depth (m)	Type Air/Mist	(co	lour) NR	(m		(HH:MM)	groun	dwater monitoring	well instal	lled to	5.50	m bg	l, with	
	/02 000	00 3.00	3.00		0.50	Air mist		ngish					d well at 5.30m af				•		
chio 300							br	own											
														Log	ged in	general a	ccordan	e with BS5	930:2015

							Proj	ect	: B	egbroke				reho			
Hyc	Iro	ck											F	O	316	6	
													Pag	e No	. 1 c	of 1	
Method:	Dyna	mic Sa	mpled a	& Rotar	y Cor	ed	Date(	s): 1	3/02	2/2023	Logged By: M.	Α	D	rilled I	Ву: Ма	arshall I	Orilling
Client: C	xford	Univer	sity Dev	elopme.	ent		Co-oı	ds: 4	480	18.45, 213789.65	Checked By: N	١T	F	lush	: Air/	Mist	
Hydrock	Proje						Grou	nd Le	evel:	: 65.50m OD			_	cale	: 1:	50	
Sample/Core Run (m) Smpl. Ø (mm)	Depth		es / Tests				RQD	g Min	Vater- trikes	Stratum l	Description		Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
Smpl. rec. %	(m)	Туре	Res	sults	TCR	SCR	RQD	If: Mean Max	> 0	Firm dark brown slightly sand	dy slightly gravelly Cl	_AY.	n De		a Č	Ě	ent B B
1.20 - 2.50										Gravel is sub-angular to rour sandstone. (AGRICULTURALLY DISTUI Orangish brown sandy sub-accarse quartzite limestone a frequent cobbles of sub-angu (RIVER TERRACE DEPOSI	RBED TOPSOIL) angular to rounded fir nd sandstone GRAVI ular to sub-rounded li	ne to EL with	0.30	(1.00)	65.20		
11.0 - 2.30 110mm 69% rec										Stiff grey mottled yellowish b Fissures are very closely spa (KELLAWAYS CLAY MEMBE	aced and randomly o		1.30	(1.70)	64.20		
2.50 - 4.00					100	93	49	50 120 200		Moderately strong grey with weathered shelly LIMESTON sub-vertical closely spaced of sand infill.	NE. Fractures are hor open rough and undu	izontal to	3.00		62.50		
4.00 - 5.50					00	00	74			(CORNBRASH LIMESTONE	EFORMATION)	4 -		(2.70)			
5.50 - 7.00					93	80	71			Very weak grey thinly bedde	d MUDSTONE.	5 -	5.70		59.80		
					87	87	82			(FOREST MARBLE FORMA  Very strong grey shelly LIME	TION)  STONE. Fractures a		6.20	(0.50)	59.30		
										horizontal closely to extreme smooth with clay infill. (FOREST MARBLE FORMA		anar and		(0.80)			
										End of Bore	ehole at 7.00m	<del>7-</del>	7.00		58.50		
												8 -					
												9 -					
												10 -					
Rig Dat Comma chio 205	e Time	Borehol Depth (r		Casing Diam.(mm) 128	Water Depth (m) 4.00	Flush Type Air/Mis	(cc		1) Ir then	eral Remarks: Ispection pit hand dug to 1 I rotary cored to 7.00m bgl. Im bgl, with response zone	. 3) Borehole instal	led with gr	ounc				
											Lo	gged in	general	accordar	ice with BS	5930:2015	

						Pr	oject:	Ве	gbroke				reho			
Hyd	dro	ck														
Method:						Dat	te(s): 14	1/02/2	 	Logged By: M			e No			Drilling
Client: C		-	ity Dev	alonme	nt	_			3.45, 213789.65	Checked By: N		_	lush			Drilling
Hydrock									5.50m OD	Officered by, 1	<b>\</b> 1	_	cale			
riyaroon		Sample			D	rilling Re			0.00111 015							± c ≡
Run (m)	Depth (m)	Туре		sults	Weight (Kg)	Mins	Secs	Water- Strikes		n Description			Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
		Progress	s and (	Dhserv					Firm dark brown slightly s Gravel is sub-angular to I and sandstone. (AGRICULTURALLY DIS Orangish brown sandy s coarse quartzite limeston frequent cobbles of sub-a limestone. (RIVER TERRACE DEPC End of B	TURBED TOPSOIL)  Ib-angular to rounded and sandstone GR.  Ingular to sub-rounded	CLAY. = of flint	1.20	(0.90)	64.30		
	F	Progres						1) Insp	ection pit hand dug to 1	.20m bgl. 2) Geolo	gy and stra	ata b	round	laries	have b	peen
Rig Da Hand 14// Tools HoleBASE SI - I	1330	1.20	Depth (m)   0.00	Casing Diam.(mm)	Water Depth (m)	Flush Type N/A	Returns (colour) NR	interpri montor	etted from nearby rotary ring well to 1.20m bgl, w	cored position. 3) ith response zone	between 0.	.50m	n and	1.20r	n bgl.	vater \$5930:2015

							Proj	ect	: B	egbroke				reho			
Ну	dro	ck"					•						F	RO:	317	7	
• • • • •	міс	CIN											Pag	e No	o. 1 c	of 2	
Method	l: Dyn	amic S	ampled a	& Rotar	y Cor	ed	Date(	s): 0	2/02	2/2023 - 03/02/2023	Logged By: M	Н	D	rilled	Ву: М	arshall l	Drilling
Client:	Oxford	Unive	sity Dev	/elopme	ent		Co-or	ds: 4	481	164.06, 213940.20	Checked By: I	NT	F	lush	: Air	/Mist	
Hydroc	k Proj	ect No:	C-19114	1-C			Groui	nd Le	evel	: 62.75m OD			S	Scale	: 1:	50	
Sample/Core Run (m)		Samp	les / Tests	6	N	lechar	nical Lo	og	ter- kes	Ctratum	Description			ness	0	рu	ĘS≣
Smpl. Ø (mm) Smpl. rec. %	Depth (m)	Туре	Re	sults	TCR	SCR	RQD	Min If: Mean Max	Wa				Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
										Soft dark brown slightly grav angular to sub angular fine t (AGRICULTURALLY DISTU	o medium of flint.	avel is	0.30	(0.30)	62.45		
										Soft brown slightly sandy CL (ALLUVIUM)				(0.50)			
										Orangish brown slightly clay	ev SAND AND GRAV	/FI	0.80		61.95	==.	
										Gravel is angular to rounded quartzite.							
1.20 - 2.5	0									(RIVER TERRACE DEPOSI Between 1.20m and 2.		ring					
										extraction.							
					46							2 -		(2.20)			
2.50 - 4.0	0																
										Firm grey slightly gravelly Cl		r to sub	3.00		59.75		
					100					angular fine to coarse of silts (FOREST MARBLE FORMA							
4.00 - 5.5	0											4 -					
					100									(3.50)			
												5 -					
5.50 - 7.0	0							20 50									
								80				6 -					
					100	15	0										
										Very strong grey shelly inter	hedded fine grained		6.50		56.25		
										LIMESTONE. Interbeds are CLAY. Gravel is angular fine	stiff grey slightly grav						
7.00 - 8.5	0							20		siltstone. Fractures are horiz planar rough tight to open ap	perture.	aced 7					
								150 200		(FOREST MARBLE FORMA	ATION)			(1.45)			
					0.7	07	00										
					87	27	23			Very strong grey shelly fine	grained LIMESTONE	8 -	7.95		54.80		
										Fractures are horizontal to s degrees very closely to close	ub vertical dipping up	to 80					
										undulating rough tight to ope (FOREST MARBLE FORMA	en aperture. ATION)						
										Below 7.95m bgl: Lime	stone becoming light	grey.					
												9 -					
														(3.55)			
												10 -		(0.00)			
		Progr	ess and	Ohserv	ations	·	1	<u> </u>	_	neral Remarks:	on Next Sheet						$\Box$
Rig D	Progress and Observations  Date Time Borehole Casing Casing Water Depth (m) Depth (m) Diam.(mm) Depth (m)							turns	1.00	nspection pit hand dug to 1 0m. 3) Borehole dynamic s	ampled to 5.50m b	gl, then ro	tary o	cored	to 11	.50m b	gl. 4)
٠,		Depth 40 11.50		142	0.20	Type Air/Mis		olour) NR		ehole installed with ground veen 6.70m and 7.30m bgl		vell to 7.30	m bg	gl, with	n resp	onse z	one
205																	
												Lo	gged in	general	accordar	nce with BS	55930:2015

	ı.		, II					Proj	ect	B	egbroke			reho			
Hy	d	ro	ck											e No			
Metho	od: [	Ovnar	nic Sa	mpled &	& Rotai	rv Cor	ed I	Date(	s): 02	2/02	/2023 - 03/02/2023 Logged By: N					arshall [	Orilling
				ity Dev					•		64.06, 213940.20 Checked By:		_			Mist	
											62.75m OD		s	cale	: 1:	50	
Sample/Cor	re			es / Tests		N	lechan	ical Lo	g	ter- kes	Stratum Deparintian			ness		ъ	Ę5≣
Smpl. Ø (m Smpl. rec. 9		Depth (m)	Туре	Res	sults	TCR	SCR	RQD	Min If: Mean Max	Wa	Stratum Description  Very strong grey shelly fine grained LIMESTONI	-	Deptimpgl	Thickness (m)	Level m OD	- Legend	Instrum- entation / Backfill
											Fractures are horizontal to sub vertical dipping udegrees very closely to closely spaced planar roundulating rough tight to open aperture.  (FOREST MARBLE FORMATION)  End of Borehole at 11.50m	p to 80	11.50		51.25		
		F	Progres	ss and	Observ	ations	<b>3</b>			1) Ir	eral Remarks: spection pit hand dug to 1.20m bgl. 2) Grou						
Rig	Date	Time	Borehole Depth (m	Casing Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flush Type		turns olour)	1.00 Bore	m. 3) Borehole dynamic sampled to 5.50m shole installed with groundwater monitoring reen 6.70m and 7.30m bgl.	ogl, then roi well to 7.30	tary o	cored  I, with	to 11.	50m bg	gl. 4) one

								Proj	ect	: B	egbroke			Вс	oreho	ole N	lo_	
Ну	dro	)(	·k					,			-			F	२०	318	3	
· • y •	и С		-11											Pag	ge No	o. 1 d	of 1	
Method	l: Dyr	nam	ic Sar	mpled &	& Rotar	y Cor	ed l	Date(	s): 0	6/02	2/2023	Logged By: M	Н	[	Orilled	Ву: М	arshall l	Drilling
Client:	Oxfor	d U	nivers	ity Dev	elopme	nt	(	Co-or	ds: 4	483	346.63, 213966.19	Checked By: N	νT	F	Flush	: Air	/Mist	
Hydroc	k Proj	ect	No: C	-19114	I-C		(	Groui	nd Le	evel	62.13m OD			5	Scale	: 1:	50	
Sample/Core Run (m) Smpl. Ø (mm)			Sample	es / Tests	1	N	lechan	ical Lo	g	rter- kes	Stratum	Description		T_	Thickness (m)	- 0	pu	ķ ö ∰
Smpl. Ø (mm) Smpl. rec. %	Depti (m)		Туре	Res	sults	TCR	SCR	RQD	If: Mean Max	Stri				Depth	(m)	Level m OD	Legend	Instrum- entation / Backfill
											Soft brown slightly sandy CL (AGRICULTURALLY DISTU Firm orangish brown and gre	RBED TOPSOIL)	ndv	0.25	(0.25)	61.88		
										•	CLAY. Gravel is angular to ro (ALLUVIUM)	ounded fine to mediu	m of flint.	0.45	(0.20)	61.68		
											Orangish brown slightly clay Gravel is angular to rounded							
1.20 - 2.50											quartzite. (RIVER TERRACE DEPOSI	TS)	1	' -				
1.20 2.00														1				
														1				
						38							2	2 -				
														-				
2.50 - 4.00														1				
														1	(5.05)			
						100							3	`	(5.05)			
						100								1				
														1				
4.00 - 5.50													4	: -				
														1				
														1				
						100							5	. ]				
													•	` ]				
5.50 - 7.00											Strong cream fine to coarse	grained LIMESTONE		5.50		56.63		·. — :
											recovered as gravel. \(FOREST MARBLE FORMA	ATION)		5.75	(0.25)	56.38		
											Stiff grey and bluish grey CL medium strong fine to mediu	ım grained grey limes	ands of <sub>e</sub> stone.	3 -			<u> </u>	
						100					(FOREST MARBLE FORMA	ATION)		1	(1.25)		<u> </u>	
														]				
											End of Bor	ehole at 7.00m		7.00		55.13		
														1				
														1				
														1				
													8	3-				
														1				
														1				
													9	, -				
														1				
														-				
														]				
		 P	rogres	se and	Observa	ations					eral Remarks:		10		1	<u> </u>		
Rig D	ate Ti	ime	Borehole	Casing	Casing	Water	Flush		turns	1.20	nspection pit hand dug to 1 lm. 3) Borehole dynamic s	ampled to 5.50m b	gl, then r	otary	cored	to 6.8	30m bg	l. 4)
٠ ا		110	Depth (m 7.00	6.00	Diam.(mm) Diam.	0.20	Type Air/Mist		olour) NR	Bore betv	ehole installed with ground veen 5.50m and 6.00m bgl	water monitoring w	ell to 6.0	0m b	gl, wit	h resp	onse z	one
205																		
														Logged in	n general	accorda	nce with BS	5930:2015

							Pro	ject:	Bed	gbroke			Во	reho	ole N	10	
Hyc	Iro	-k <sup>■</sup> '						,	`				R	О3	18	Α	
ııyc													Pag	e No	o. 1 d	of 1	
Method:	Rotary	/ Open				ı	Date	(s): 07	/02/2	023	Logged By: M	Н	D	rilled	Ву: М	arshall l	Orilling
Client: C	xford L	Jniversi	ity Dev	elopme	ent	(	Со-о	rds: 4	48346	5.63, 213966.19	Checked By: I	NT	F	lush	: Air	/Mist	
Hydrock	Projec	t No: C	-19114	-C		(	Grou	nd Le	vel: 6	2.13m OD			S	Scale	: 1:	100	
Run (m)		Sample	s / Tests			Drilling	Reco	ord	Water- Strikes	Stratur	n Description		_ 	Thickness (m)	- 0	pu	rion ¥fill
rtuii (iii)	Depth (m)	Туре	Re	sults	Weigh (Kg)	nt N	/lins	Secs	Stri		•			(0.25)	Level m OD	Legend	Instrum- entation / Backfill
										Soft brown slightly sandy (AGRICULTURALLY DIS Firm orangish brown and CLAY. Gravel is angular in flint. (ALLUVIUM) Orangish brown slightly of Gravel is angular to roun quartzite. (RIVER TERRACE DEPO	TURBED TOPSOIL) I grey slightly gravelly to rounded fine to me clayey SAND AND GF ded fine to coarse of	RAVEL. flint and 2-	0.25 0.45	(4.05)	E 61.88 61.68 61.68		lu
												15 - 16 - 17 - 18 - 19 - 20 -					
	F	rogres							1) Insp	al Remarks: ection pit hand dug to 1	.20m bgl. 2) Grour	ndwater en	cour	ntered	in ha	nd pit a	at
Rig Dat Comma 07/0 chio 205		Borehole Depth (m) 4.50	Casing Depth (m) 4.50	Casing Diam.(mm) I 142	Water Depth (m)	Flush Type Air/Mist	(c	olour) NR	been ir	bgl. 3)Borehole open h nterpretted from nearby lwater montoring well to bgl.	rotary cored position	on. 4) Bore sponse zo	ehole ne b	e insta etwee	Illed v	vith	l

								Proj	ect	: B	egbroke				reho			
Hy	dr	0	ck												RO:			
									, , -					$-\tilde{\tau}$	je No			
					& Rotar	-					2/2023	Logged By: M		-			arshall I	Orilling
					elopme	ent					348.70, 213847.10	Checked By: I	TV				/Mist	
	_	ojec		C-19114		1 .					: 62.21m OD				Scale	: 1:	50	
Sample/Core Run (m) Smpl. Ø (mm Smpl. rec. %	) De	epth	Sample	es / Tests	sults	TCR	lechan scr	RQD	Min If: Mean	Water- Strikes	Stratum I	Description		Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
элгрг. 1 <b>с</b> С. 76	(r	m)	.,,pu	1.65		1310	3010		Max		Soft brown slightly sandy CL (AGRICULTURALLY DISTUI			<u>Ā</u> Ē	(0.40)	3 E	Z X	_ e =
											Firm orangish brown and gre	,	ndv	0.40	(0.40)	61.81		
											CLAY. Gravel is angular to ro (ALLUVIUM)				(0.50)			
										•	Orangish brown slightly clay Gravel is angular to rounded			0.90		61.31		
1.20 - 2.7	'0										quartzite. (RIVER TERRACE DEPOSI		Lanu					
						100							2	•	(1.95)			
													-					
2.70 - 3.8	i0										Soft light brown slightly sand	ly gravelly Cl AY Gra	vel is	2.85		59.36		
						100					angular to sub angular fine to (RIVER TERRACE DEPOSI	o coarse of limestone		-				
						100								1	(0.95)			,
3.80 - 5.3	30								NI		Vorustrong grove shalls fine a	eroined LIMESTONE		3.80		58.41		
									25 40		Very strong grey shelly fine of Fractures are horizontal clost open aperture.							
											(ĊORNBRASH LIMESTONE	FORMATION)						
						27	11	0							(1.60)			
													5	-				
5.30 - 6.8	30								NI					5.40		56.81		
									64 70		Very strong grey shelly interb LIMESTONE. Interbeds are	stiff grey slightly grav						· . H.·
											CLAY. Gravel is angular fine siltstone. Fractures are horiz planar rough tight to open ap	ontal very closely sp		}				
						60	9	0			(FOREST MARBLE FORMA Below 5.40m bgl: Thin	TION)			(1.40)			
											End of Bore	ehole at 6.80m		6.80		55.41		
													7	-				
													8	-				
													9	-				
													10	-				
		F	Progre	ss and	Observ	ations	<u> </u>	1			l leral Remarks: lspection pit hand dug to 1	20m hal 2) Grour		יייי	ntered	in ha	nd nit 1	
٠	Date	Time	Borehole Depth (m	e Casing	Casing Diam.(mm)	Water	Flush Type	(cc	turns olour)	1.00	Im. 3) Borehole dynamic sa Phole installed with ground	ampled to 3.80m b	gl, then ro	tary	cored	to 6.8	30m ba	. 4)
Comma 0 chio 205	3/02	1115	6.80	0.00			Air/Mis		NR	betv	veen 3.50m and 5.50m bgl		. 3.30	~;	, ,			
													L	ogged ir	ı general	accorda	nce with BS	5930:2015

								Pro	ect	В	egbroke				reho			
Ну	dı	n	ck											F	RO:	320	)	
- · J			-11											Pag	e No	o. 1 d	of 1	
Metho	d: D	)ynar	nic Sa	mpled 8	& Rotar	y Cor	ed	Date(	(s): 3	1/01	/2023	Logged By: M		D	rilled	Ву: М	arshall	Drilling
Client:	Oxf	ord (	Jnivers	sity Dev	elopme	nt		Co-oı	rds: 4	483	348.40, 213792.77	Checked By: N	NT	F	lush	: Air	/Mist	
Hydro	ck P	rojec	t No: C	C-19114	I-C	_		Grou	nd Le	evel	: 62.18m OD			S	cale	: 1:	50	[
Sample/Core Run (m) Smpl. Ø (mm	ı)   D	epth		es / Tests				nical Lo	Min If: Mean Max	/ater- trikes	Stratum	Description		oth 31	Thickness (m)	) So	Legend	Instrum- entation / Backfill
Smpl. rec. %	- 1 -	(m)	Туре	Res	sults	TCR	SCR	RQD	If: Mean Max	≥ ₹	Soft dark brown slightly grav	•	ivel is	Depth		Level m OD	Feg.	Inst ent / Ba
											angular to sub angular fine to (AGRICULTURALLY DISTU	o medium of flint. RBED TOPSOIL)		0.30	(0.30)	61.88		
											Soft brown slightly gravelly s to sub angular fine to mediul (ALLUVIUM)		angular	0.70	(0.40)	61.48		
										Y	Orangish brown SAND AND		angular to					
1.20 - 2.7	70										(RIVER TERRACE DEPOSI		1 -	]				
														1	(1.70)			
															(,0)			
						100							2 ·					
											C-ft li-let	-Balaba - 1 "	.01.437	2.40		59.78		
2.70 - 3.1	10										Soft light brown and cream s Gravel is angular to sub ang limestone.		CLAY.	1	(0.60)			
2.70 - 0.						100					(RIVER TERRACE DEPOSI	*	3.	3.00	(0.00)	59.18		
3.10 - 4.1	10								NI 40		Non intact very strong grey s LIMESTONE. Fractures are	horizontal very close	ly spaced	3.30	(0.30)	58.88		
						75	53	0	50		planar rough tight to open an (CORNBRASH LIMESTONE Very strong grey shelly fine o	FORMATION)	/	4				
						/5	55	U			Fractures are horizontal very tight to open aperture.	y closely spaced plan					$\Box$	
											(ČORNBRASH LIMESTONE	FORMATION)	4 -					
															(2.10)			
														-				
5.00 - 6.0	00												5 -					
														-				
						75	62	53			Interbedded weak grey very and moderatley weak grey s		TONE	5.40		56.78		
											(FOREST MARBLE FÖRMA			1				
6.00 - 7.0	)0												6 -		(1.20)			
						75	72	66										
						/5	12	00			Weak grey thinly bedded MU (FOREST MARBLE FORMA			6.60	(0.40)	55.58		
											`	ehole at 7.00m	7-	7.00	(0.40)	55.18		
													8 -					
														-				
													9 -	1				
													10 ·	-				
		F	Progre	ss and	Observ	ations	<u> </u>	1	<u> </u>		eral Remarks:	00		1				
Rig I	Progress and Observations  Date   Time   Borehole   Casing   Casing   Water   Depth (m) Depth (m) Diam.(mm) Depth (m) Depth (m) Diam.(mm) Depth (m) Depth (m) Diam.(mm) Depth (m) Depth (m						Flush		eturns	1.00	nspection pit hand dug to 1 Dm. 3) Borehole dynamic sa	ampled to 3.10m b	gl, then ro	tary o	cored	to 7.0	00m bg	l. 4)
Comma Comma	01/02	1645	Depth (m	Deptn (m)	iam.(mm) D	1.00	Type Air/Mis		olour) NR		ehole installed with ground veen 3.50m and 5.00m bgl		well to 5.00	um b	gı, wit	n res	ponse :	zone
205																		
				1						1			Lo	gged in	general	accorda	nce with BS	5930:2015

								Pro	ect	: B	egbroke				reho			
Ну	dı	ro	ck											F	OS	32	1	
,	<u> </u>											_		Pag	e No	o. 1 d	of 1	
Metho	d: D	ynar	nic Sa	mpled &	& Rotar	y Cor	ed	Date	(s): 3	0/01	1/2023 - 31/01/2023	Logged By: M	Н	D	rilled	Ву: М	arshall I	Orilling
Client:	Oxf	ford (	Jnivers	sity Dev	elopme	ent		Co-o	rds: 4	483	351.31, 213741.52	Checked By: I	NT	F	lush	: Air	/Mist	
Hydro	ck P	rojec	t No: C	C-19114	I-C			Grou	nd Le	evel	: 62.55m OD			S	cale	: 1:	50	
Sample/Core			Sample	es / Tests	1	N	1echar	nical L	og	ter- kes	Stratum	Description		٦	Thickness (m)	- 0	pu	rion Kfii
Smpl. Ø (mn Smpl. rec. %		Depth (m)	Туре	Res	sults	TCR	SCR	RQD	Min If: Mean Max	Str		•	wal ia	Depth mbgl	Thick (m)	Level m OD	Legend	Instrum- entation / Backfill
											Soft dark brown slightly grav angular to sub angular fine t (AGRICULTURALLY DISTU	o medium of flint.	averis .	0.30	(0.30)	62.25		(B) (9.1
											Soft brown slightly gravelly sto sub angular fine to mediu	sandy CLAY. Gravel is	s angular		(0.40)			
											(ALLUVIUM) Soft light brown and orangis		y CLAY.	0.70	(0.20)	61.85 61.65		
1.20 - 2.7	70										(ALLUVIUM) Orangish brown slightly grav		ravel is					
1.20 - 2.1											fine to medium angular to su (RIVER TERRACE DEPOSI			-				
															(1.50)			
						100							2 -					
														2.40		60.15		
											Light brown and yellowish be sandy GRAVEL. Gravel is a			-	(0.30)			
2.70 - 4.0	00										of limestone. (RIVER TERRACE DEPOSI	ITS)	į	2.70	(0.30)	59.85	1 1	
									NI 60		Strong cream fine to coarse LIMESTONE recovered as of	gravel.	3 -	3.00		59.55	$\Box$	
						67	50	40	200		\(\((\text{CORNBRASH LIMESTONE}\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	grained LIMESTONE		-	(1.00)			
											tight aperture. (CORNBRASH LIMESTONE		iai rougii	-	(1.00)			
4.00 - 5.5	50									•	Stiff grey slightly gravelly CL		r to sub	4.00		58.55		
											angular fine to coarse of mu (FOREST MARBLE FORMA	dstone and siltstone.						
														-				
						0								-				
													5 -				<u>~~</u> -	
5.50 - 7.0	00													-			- <u>^</u> -	
														-			<u>~~</u> ~	
													6 -					
													:		(4.50)			
																	<u>~~</u> -	
7.00 - 8.5	50																	
7.00 - 0.0														-				
														-			<u>~~</u> -	
													8 -	-				
														8.50		54.05		
									1		End of Bor	ehole at 8.50m		-		57.00	0	
													9 -	-				
													•					
													:					
														-				
										Gor	heral Remarks:		10 -					
					Observ			-	ati iros	1) Ir	neral Remarks. Inspection pit hand dug to 1 In rotary cored to 8.50m bgl							
Comma 3	Date 31/01	Time 1100	Borehole Depth (m 8.50	Casing Depth (m) 5.50	Casing Diam.(mm) I 142	Water Depth (m) 4.00	Flush Type Air/Mis	(c	eturns olour) NR		.00m bgl, with response zo					, 11IO	inoing	WGII
chio 205																		
													Lo	gged in	general	accordar	nce with BS	5930:2015

								Pro	oject:	Be	gbroke			Во	reho	ole N	Ю	
Ну	dr	·00	·レ■ˈ						,	•				R	О3	21	Α	
ııy	ui	U	. 1											Pag	e No	o. 1 c	of 1	
Metho	d: R	otary	Open					Date	e(s): 31	1/01/2	023	Logged By: M	Н	D	rilled	By: Ma	arshall [	Orilling
Client:	Oxf	ord U	niversi	ty Dev	elopm	ent		Co-	ords: 4	4835	1.31, 213741.52	Checked By: I	NT	F	lush	:		
Hydro	ck Pr	roject	No: C	-19114	l-C			Gro	und Le	vel: 6	2.55m OD			S	cale	: 1:	100	
Run (m	, [		Sample	s / Tests				ng Red	cord	Water- Strikes	Stratum	n Description		_	ness	- 0	pu	₽ 2 <u>₽</u>
Kull (II	Dep	pth (m)	Туре	Re	esults	Weig (Kg)	nt	Mins	Secs	Wa		•	0 1:		(0.50) Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
											Soft dark brown slightly g angular to sub angular fir (AGRICULTURALLY DIS	ne to medium of flint.	Gravei is	0.30	(0.40)	62.25 61.85		
											Soft brown slightly gravel angular to sub angular fir	lly sandy CLAY. Grave	el is 1	0.90	(0.20)	61.65		
											(ALLUVIUM) Soft light brown and oran	gish brown slightly sa	andy		(1.10)			
											CLAY. (ALLUVIUM) Soft orangish brown sligh	athy arguelly alovey C	13	2.00		60.55	7001	
											Gravel is fine to medium	angular to sub round						
											(RIVER TERRACE DEPO End of B	orehole at 2.00m						
													4 -					
													5					
													6 -					
													, -					
													8 -					
													9					
													10					
													11 -					
													12 -					
													13					
													14 -					
													15 -					
													16 -					
													17					
													18 -					
													19 -					
													20 -					
	_	Р	rogres	s and	Observ	ations	;			1) Insp	al Remarks: ection pit hand dug to 1							
Rig I	Date	Time	Borehole Depth (m)	Casing Depth (m)	Casing Diam.(mm)	Water Depth (m)	Flusi Type		Returns (colour)	Geolog positio	gy and strata broundarie n. 4) Borehole installled	es have been interp with groundwater	oretted fron	n nea	arby r	otary	cored	
											se zone between 1.00m		,					
													1 -	-: benr	deno	accordo	ice with BS	5930-2045
	- 1				1			1					LO	ageu ill	goneral	UUIUUUI	SO WILL DO	- 500.2013

				Project: Begbroke			rraipi			
Hydro	ock					_	SA			
				Data(a): 07/00/0004	Lawred Don M		ge No			т —
Method: Tria		ity Davidanm	nt.		Logged By: M		Check Dimer			cale:
		ity Developme	ent		Stability: Stabl		_	2.30m		1:25
Hydrock Proj	amples / Te			Ground Level: 68.18m OD	Plant: JCB 3C	X	0.50m	S <sub>S</sub>	_  _	
Depth (m)	Туре	Results	Water- Strikes	Stratum Descri	ption		Depth	Thickness (m)	Level m OD	Legend
	,			Brown slightly gravelly SAND with roots less than fine to medium flint. (AGRICULTURALLY DISTURBED TOPSOIL)			0.40	(0.40)	67.78	7
				Firm brown orange brown slightly gravelly sandy (fine to medium flint. (HEAD DEPOSITS)  Light brown orange brown SAND & GRAVEL. Gravelet (Light brown orange brown SAND & GRAVEL. Gravelet (Light brown orange brown SAND & GRAVEL. Gravelet (Light brown orange brown SAND & GRAVEL)			0.80	(0.40)	67.38	
				medium flint and quartz. (RIVER TERRACE DEPOSITS)	iver is angular to rou	nded, line to	1 -	(0.60)		
				Light brown SAND & GRAVEL. Gravel is angular to	to rounded, fine to co	parse flint and	1.40		66.78	
				(RIVER TERRACE DEPOSITS)			-	(0.60)		
				Base of Excavation at	2.00m		2.00		66.18	
							3 -			
							4 -			
							5 -			

General Remarks:
1) Trial pit completed at 2.00m. 2) Backfilled to 1.00m with gravel, then 1.00m of arisings. Soakaway monitoring pipes installed to base of pit and top of gravel.

				Project: Begbroke			rraipi			
Hydro	ck						SA	)2		
							ge No.			
Method: Trial					Logged By: M		Check			
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 447750.12, 213653.24	Stability: Stab	е	Dimer	2.50m		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 67.95m OD	Plant: JCB 3C	X	0.65m		]	1:25
	amples / Te		Water- Strikes	Stratum Descr	iption		동급	Thickness (m)	oD DD	Legend
Depth (m)	Туре	Results	Suikes	Brown slightly gravelly SAND with roots less than	2mm. Gravel is ang	ular to sub-	Depth	i <del>,</del> (E)	Level m OD	
				rounded, fine to medium flint quartz. (AGRICULTURALLY DISTURBED TOPSOIL)	·			(0.25)		
				Brown orange brown SAND with roots less than 2 medium flint.	2mm. Gravel is sub-r	ounded, fine to	0.25		67.70	
				(AGRICULTURALLY DISTURBED TOPSOIL)			-	(0.30)		
				Brown orange brown slightly clayey slightly grave medium flint.	elly SAND. Gravel is	angular, fine to	0.55	(0.00)	67.40	
				(RIVER TERRACE DEPOSITS)  Brown light brown SAND & GRAVEL. Gravel is an	ngular to rounded fir	o to modium fli	0.75	(0.20)	67.20	
				and quartz.  (RIVER TERRACE DEPOSITS)	ngular to rounded, iii	ie to medium iii				
				(11121112111111111111111111111111111111			1 -			
							-			
								(1.25)		
							-			
							-			
							]			
				Base of Excavation a	t 2.00m		2 2.00		65.95	
							_			
							-			
							-			
							3 -			
							-			
							-			
							4 -			
							]			
							_			
							1			
							5 -			

General Remarks:
1) Trial pit completed at 2.00m. 2) Backfilled to 1.00m with gravel, then 1.00m of arisings. Soakaway monitoring pipes installed to bas of pit and top of gravel.

				Project: Begbroke	Trialpit No					
Hydro	ock						SA	)3		
· · · y · · · ·						Pa	ge No	. 1 of	1	
Method: Tria	l Pit			Date(s): 27/09/2021	Logged By: M	H	Check			
Client: Oxford	d University	y Developme	nt	Co-ords: 447837.37, 213834.70	Stability: Unst	able	Dimer	nsion <sup>2.20m</sup>		cale:
Hydrock Proj	ect No: C-	19114-C		Ground Level: 63.93m OD	Plant: JCB 3C	X	0.50m			1:25
S	amples / Test	s	Water-	Stratum Desc	ription		£ -	kness	- Q	pue
Depth (m)	Туре	Results	Strikes			angular to	Dep	<u>E</u>	n O E	, Leg
			Strikes	Brown orange brown slightly clayey slightly grave rounded, fine to medium flint. (AGRICULTURALLY DISTURBED TOPSOIL)  Firm light brown CLAY with silt pockets and rare medium flint. (ALLUVIUM)  Firm orange brown grey brown light brown CLAY (ALLUVIUM)  Soft light brown slightly sandy slightly gravelly Clandium flint. (ALLUVIUM)  Base of Excavation is	gravel. Gravel is sub	-rounded, fine to	1 - 0.85 1 - 1.20 1.30 2	(0.45) (0.45) (0.35)	63.48 63.48 62.73	
							1			
						-				
							5 -			
General Remark	s.			I				1	<u> </u>	-

1. Pit terminated at 1.30m due to side wall collapse at 1.20m to 1.30m, exacerbated by presence of groundwater instability. 2) Backfilled with arisings.

Groundwater: Water ingress at 1.10m. No rise in 10 minutes.

				Project: Begbroke Tri						
Hydro	ock					,	SA	)3a		
iyaic	CIN					Pa	ge No	). 1 c	f 1	
Method: Tria	l Pit			Date(s): 27/09/2021	Logged By: MI	Н	Chec	ked [	3y: N	Т
Client: Oxford	d Universi	ity Developme	nt	Co-ords: 447837.37, 213834.70	Stability: Stabl	е	Dime	nsioi 2.20r		cale:
Hydrock Proj	ect No: C	-19114-C		Ground Level: 63.93m OD	Plant: JCB 3C	x	0.50m	۷.۷۵۱		1:25
S	amples / Te	sts	Water-	Stratum Descri	ntion	,	ے	mbgi Thickness (m)	T_0	pu
Depth (m)	Туре	Results	Strikes	Brown orange brown slightly clayey slightly gravell		angular to	Depth	E Hic	Level m OD	Pregend
				rounded, fine to medium flint. (AGRICULTURALLY DISTURBED TOPSOIL)	ly SAND. Glavel is a	angulai to		(0.45	)	
							0.45		63.48	
				Stiff light brown CLAY with silt pockets and rare gradium flint. (ALLUVIUM)	avel. Gravel is sub-r	ounded, fine to	-	(0.40	)	
				First and the latest			0.85		63.08	
			•	Firm orange brown grey brown light brown CLAY v (ALLUVIUM)  Base of Excavation at		ockeis.	1.00	(0.15	62.93	
				base of excavation at		_				
							-			
							-			
							-			
							2 -			
							-			
							-			
							-			
							-			
							3 -			
							-			
							1			
							-			
							-			
							4 -			
							-			
							-			
							-			

General Remarks:

1) Pit stable but terminated at 1.00m due to the presence of groundwater. 2) Backfilled with 0.50m of gravel and 0.50m of arisings. Soakaway monitoring pipes installed to base of pit and top of gravel.

Groundwater: Water ingress at 1.00m. No rise in 10 minutes.

Llvdr	ا			Project: Begbroke	SA04						
Hydro	JCK					Pa	ge No.		1		
Method: Tria	al Pit			Date(s): 27/09/2021	Logged By: M	Н	Checke	ed B	y: N	Γ	
Client: Oxfor	d Universi	ity Developme	ent	Co-ords: 448089.66, 213881.73	Stability: Unsta	able	Dimen	sion:	s: S	cale:	
Hydrock Pro	ject No: C	-19114-C		Ground Level: 63.57m OD	Plant: JCB 3C	Х	0.50m	2.20111	] 1	1:25	
5	Samples / Te	sts	Water-	Stratum Descr	iption		£ _	Thickness (m)	- O	pue	
Depth (m)	Туре	Results	Strikes	Brown slightly gravelly sandy CLAY with roots les rounded, fine to medium flint.	•	is angular to	Depth	Thic (m)	Level m OD	Legend	
				(AGRICÚLTURALLY DISTURBED TOPSOIL)				(0.40)			
				Firm brown light brown slightly gravelly sandy fria Gravel is sub-rounded fine to medium flint. (ALLUVIUM)	ble CLAY with roots	less than 1mm.	0.40	(0.40)	63.17		
				Soft to Firm light brown brown slightly sandy sligh rounded, fine to medium flint.	ntly gravelly CLAY. G	ravel is sub	0.80	(0.20)	62.77		
				(ALLUVIUM)  Soft light brown yellow brown orange brown sligh	tly sandy slightly gra	velly CLAY.	1.00	(0.20)	62.57	==	
			•	Gravel is sub-angular, fine to medium flint.	-	(0.40)		 			
				Base of Excavation a	t 1.40m		1.40		62.17		
							-				
							2 -				
							]				
							]				
							-				
							]				
							3 -				
							-				
							-				
							-				
							4 -				
							]				
							-				
							-				
							-				
							5 -				

General Remarks:

1) Pit terminated at 1.40m due to minor pit side wall collapse at 1.30m to 1.40m exacerbated by presence of groundwater. 2) Backfilled to 0.80m with gravel, then 0.60m of arisings. Soakaway monitoring pipes installed to base of pit and top of gravel.

Groundwater: Water ingress at 1.20m. Sitting at 0.70m bgl the following day.

Ll., dua al				Project: Begbroke			Trialpit No SA05						
Hydrock	<b>(</b>					Pa	ge No.		1				
Method: Trial Pit				Date(s): 28/09/2021 Log	gged By: MI	Н	Check	ed B	y: N	Г			
Client: Oxford Univ	versit	y Developme	ent	Co-ords: 448305.74, 213944.39 Sta	ability: Stabl	е	Dimer	sion 2.00m	s: S	cale:			
Hydrock Project N	lo: C-	19114-C		Ground Level: 62.35m OD Pla	ant: JCB 3C	X	0.65m	2.00111	] ′	1:25			
Samples	s / Tes	ts	Water-	Stratum Descriptio	on		£ -	Thickness (m)	e Q	Legend			
Depth (m) Typ	ре	Results	Strikes	Brown slightly gravelly SAND with roots less than 1mr	m. Gravel is sub-	rounded fine to	Depth	ĒĒ	Level m OD				
				medium flint. (AGRICULTURALLY DISTURBED TOPSOIL)			0.40	(0.40)	61.95				
				Firm brown grey orange brown slightly sandy CLAY. (ALLUVIUM)			0.60	(0.20)	61.75				
				Light brown orange brown slightly clayey SAND & GR rounded, fine to medium flint quartz. (RIVER TERRACE DEPOSITS)	angular to	1 -	(0.50)						
			•	Grey SAND & GRAVEL. Gravel is angular to rounded (RIVER TERRACE DEPOSITS)	flint quartz.	1.10	(0.30)	61.25					
				Base of Excavation at 1.40	m		2		00.95				

General Remarks:

1) Pit stable but terminated at 1.40m due to water ingress. 2) Backfilled with 0.90m of gravel and 0.50m of arisings to ground level. Soakaway monitoring pipes installed to base of pit and top of gravel.

Groundwater: Water ingress at 1.35m. Sitting at 0.50m bgl the following day,

				Project: Begbroke	Triaipit No						
Hydro	ock "					SA06					
· · y · · ·						Pa	ge No	. 1 of	1		
Method: Tria	l Pit			Date(s): 28/09/2021	Logged By: M		Check				
Client: Oxford	d Universit	y Developme	nt	Co-ords: 448145.36, 213469.65	Stability: Stab	le	Dimensions: 2.00m			cale:	
Hydrock Proj	ect No: C-	19114-C		Ground Level: 68.07m OD	Plant: JCB 3C	X	0.65m			1:25	
S	amples / Tes	ts	Water-	Stratum Des	cription		£ -	kness	<u>-</u> □	end	
Depth (m)	Туре	Results	Strikes			ular to rounded	Dep	(m)	Leve	Ē VXXV	
			Water-Strikes	Brown slightly gravelly SAND with roots less the fine to medium flint (AGRICULTURALLY DISTURBED TOPSOIL)  Light brown SAND & GRAVEL. Gravel is angula quartz. (RIVER TERRACE DEPOSITS)  Base of Excavation	an 1mm. Gravel is ang		0.80 1 2 2.00	(ii) (0.80) (1.20)	900 H 67.27	pueben	
							5 -				
General Remark	marks:										

1) Pit complete at 2.00m. 2) Backfilled to 1.30m with gravel, then 1.30m of arisings. Soakaway monitoring pipes installed to base of pit and top of gravel.

				Project: Begbroke			Trialpit No						
Hydro	ock "						SA07						
							ge No.						
Method: Tria	l Pit			Date(s): 28/09/2021	Logged By: M		Checked By						
Client: Oxford	d Universi	ity Developme	ent	Co-ords: 447887.54, 213204.06	Stability: Stabl	е	Dimension 2.00m			cale:			
Hydrock Proj	ect No: C	-19114-C		Ground Level: 67.89m OD	Plant: JCB 3C	X	0.65m		]_[	1:25			
	amples / Te		Water- Strikes	Stratum Descri	ption		g 3t	Thickness (m)	D D	Legend			
Depth (m)	Туре	Results	Stikes	Dark brown slightly gravelly SAND. Gravel is angu	ılar to rounded, fine	to medium flint.	Depth		Level m OD	ře VVVVV			
				(AGRICULTURALLY DISTURBED TOPSOIL)  Light brown slightly gravelly SAND. Gravel is angu	ular to rounded, fine	to medium flint.	0.15	(0.15)	67.74				
				(AGRICULTURALLY DISTURBED TOPSOIL)			0.35	(0.20)	67.54				
				Orange brown SAND & GRAVEL. Gravel is angula quartz. (RIVER TERRACE DEPOSITS)	ar to rounded, fine to	coarse flint							
				(NVERTERWOLDER GOITO)			-		-				
								(0.65)					
							-						
				Light brown orange brown SAND & GRAVEL. Gra medium flint and quartz.	vel is angular to rou	nded, fine to	1.00		66.89				
				(RIVER TERRACE DEPOSITS)			-						
							-	(1.10)					
								(1.10)					
							-						
							2 -						
				Base of Excavation at	2.10m		2.10		65.79				
							]						
							-						
							]						
							-						
							3 -						
							-						
							]						
							-						
							-						
							4 -						
							1						
							-						
							-						
and Develop							5 -						

General Remarks:
1) Pit complete at 2.10m. 2) Backfilled to 1.30m with gravel, then 1.30m of arisings. Soakaway monitoring pipes installed to base of pit and top of gravel.

				Project: Begbroke			rnaipit No							
Hydro	ck						<b>SA08</b> Page No. 1 of 1							
				D 1 / ) 00/00/0004										
Method: Trial					Logged By: M		Chec		_		ماه.			
		ty Developme	ent		Stability: Stabl			2.00			25			
Hydrock Proje			<u> </u>	Ground Level: 62.06m OD	Plant: JCB 3C	X	0.65m		ᅱ	1.4				
Depth (m)	Type	Results	Water- Strikes	Stratum Descri	ption		Depth	mbgl Thickness	Level	9	Legend			
· · · · · · · ·	.,,,-			Dark brown slightly gravelly SAND with roots less rounded, fine to medium flint.	than 1mm. Gravel is	angular to		EF	5 3	E				
				(AGRICULTURALLY DISTURBED TOPSOIL)	ID O III I		0.3	(0.3		1.76				
				Orange brown slightly clayey slightly gravelly SAN medium flint. (RIVER TERRACE DEPOSITS)	id. Gravei is sub-rol	inded, fine to	-	(0.5	0)					
				Firm friable orange brown sandy CLAY.			0.8	0	6	1.26				
				(RIVER TERRACE DEPOSITS)		1 -	(0.4	5)						
	Firm brown sandy CLAY. (RIVER TERRACE DEPOSITS)					1.2	5	60	).81					
	(RIVER TERRACE DEPOSITS)					-	(0.6	5)						
								0	60	0.16				
				Firm brown sandy CLAY (RIVER TERRACE DEPOSITS) Base of Excavation at	2.00m		2, 2.0	0.1	0) 60	0.06				
							-							
							-							
							3 -							
							-							
							-							
							4 -							
							-							
					1									
							5 -							

General Remarks:
1) Pit complete at 2.00m 2) Backfilled to 1.00m with gravel, then 1.00m of arisings. Soakaway monitoring pipes installed to base of pit and top of gravel.

و ما المرام ا				Project: Begbroke	SA09						
Hydro	CK					Pa	ge N			1	
Method: Tria	l Pit			Date(s): 28/09/2021	 _ogged By: Ml		Che				Т
Client: Oxfor	d Universi	ity Developme	ent	Co-ords: 429894.34, 212858.70	Stability: Unsta	able	Dim		sions	s: S	cale:
Hydrock Proj	ect No: C	-19114-C		Ground Level: 60.88m OD F	Plant: JCB 3C	X	0.65n		2.00111	] '	1:25
S	amples / Te	sts	Water-	Stratum Descrip	otion			s _	Thickness (m)	₩ Q	Legend
Depth (m)	Туре	Results	Strikes	Dark brown slightly gravelly SAND. Gravel is fine to		rounded flint.	-	mbgl	ĒĒ	Level m OD	Leg K
				(AGRICULTURALLY DISTURBED TOPSOIL)					(0.25)		
				Firm orange brown slightly sandy slightly gravelly ( medium flint.	CLAY. Gravel is sub	-rounded, fine t	0 -	.25		60.63	
				(ALLUVIUM)					(0.40)		
				D. F. H. J. CAND O CRAVEL O. J.			- 0	.65		60.23	
				Brown slightly clayey SAND & GRAVEL. Gravel is flint. (RIVER TERRACE DEPOSITS)	angular to rounded,	, tine to mediun		.80	(0.15)	60.08	
			_	Light brown SAND & GRAVEL. Gravel is angular to rounded, fine to medium flint quartz.  (RIVER TERRACE DEPOSITS)					(0.30)		
				(RIVER TERRACE DEPOSITS)  Base of Excavation at 7	1 -	.10		59.78			
				Saco di Ekstatation di			-				
							-				
							-				
							-				
							2 -				
							-				
							-				
							-				
							-				
							-				
							3 -				
							]				
							-				
							4				
							1				
							-				
							]				
							-				

General Remarks:

1) Pit terminated at 1.10m due to nor collapse on side walls between 1.00 - 1.10m, exacerbated by presence of groundwater. 2) Backfilled with 0.60m of gravel and 0.50m of arisings. Soakaway monitoring pipes installed to base of pit and top of gravel.

Groundwater: Water ingress at 1.00m

		3		Project: Begbroke	Trialpit No SA301					
Hydro	ock						ge No		1	
Method: Tria				Date(s): 31/01/2023	Logged By: C0		Check			$_{T}$
		ity Developme	nt	· · ·	Stability: Stabl		Dimer	sion	s: S	cale:
Hydrock Proj					, Plant: JCB 3-0		0.60m	1.60m	$\neg$ $ $	1:25
	amples / Te		Water-					ssau		ъ
Depth (m)	Туре	Results	Strikes	Stratum Descri			Depth	Thickness (m)	Level m OD	Legend
				Light brown organic slightly gravelly clayey SAND. fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)	. Gravel is rounded t	to sub-angular		(0.28)		
				Orange brown slightly gravelly clayey SAND. Grav to medium limestone and sandstone. (ALLUVIUM)	vel is sub-rounded to	o sub-angular fi	0.28 ne	(0.27)	62.60	*/^\\\ 
				Yellowish brown very sandy rounded to sub-angular flint and sandstone GRAVEL.	ar fine to coarse of l	imestone, quar	0.55 tz, .		62.33	
				(RIVER TERRACE DEPOSITS)			-			
						1 -				
							(1.45)			
						-				
						-				
				Base of Excavation at		2.00		60.88		
							-			
							-			
							-			
							-			
							3 -			
							-			
							-			
							4 -			
							-			
							- 5 -			
General Remark		m hal 2 Trial nit y	walls did no	t collapse during the period the excavation ren	maned open (20 m	nins)				

Logged in general accordance with BS5930:2015

				Project: Begbroke			Trialpit No					
Hydro	ck <sup>*</sup>			, ,		9	SAS	30	1a			
riyare	CK					Pa	ge N	lo.	1 of	1		
Method: Trial	Pit			Date(s): 31/01/2023	Logged By: Co	С	Che	cke	d B	/: N	Т	
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 448360.91, 213374.67	Stability: Stabl	е	Dim		sions 2.00m	s: S	cale:	
Hydrock Proje	ect No: C	-19114-C		Ground Level: 62.88m OD	Plant: JCB 3-0	CX	0.60m		L.00III	]	1:25	
Sa	amples / Tes	sts	Water-	Stratum Descri	intion		4	=	Thickness (m)	- O	pue	
Depth (m)	Туре	Results	Strikes	Light brown organic slightly gravelly clayey SAND		to sub-angular	Š	mbgl	E)	Level m OD	Legend	
				fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)	. Graver is rounded	o sub-angular	-0.	.33	(0.33)	62.55		
				Orange brown slightly gravelly clayey SAND. Grav to medium of limestone and sandstone. (ALLUVIUM)	vel is sub-rounded to	o sub-angular fi	ne		(0.37)			
				Yellowish brown very sandy rounded to sub-angul flint and sandstone GRAVEL. (RIVER TERRACE DEPOSITS)	lar fine to coarse of l	imestone, quar	z,	.70		62.18		
				(RIVER TERRACE DEPOSITS)								
									(1.80)			
							2 -					
			•	Base of Excavation at	2.50m		2	.50		60.38		
							-					
							3 -					
							-					
							-					
							4 -					
							-					
Conoral Pemarke:							5 -					

General Remarks:
1. Moderate inflow of groundwater encountered at 2.40m. 2. Trial pit walls did not collapse during the period the excavation remaned open (10 mins)

				Project: Begbroke	Trialpit No						
Hydro	ck "			, ,		SA302					
iyuit						Pa	ge No	). 1	of 1		
Method: Tria	l Pit			Date(s): 31/01/2023	_ogged By: C0	С	Chec	ked	Ву:	NT	
Client: Oxford	d Universi	ty Developme	ent	Co-ords: 447674.25, 213307.83	Stability: Stabl	е	Dime	nsic		Sc	ale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 67.50m OD	Plant: JCB 3-0	CX	0.60m	1.7		1:	25
S	amples / Te	sts	Water-	Stratum Descrip	otion		£.	mbgl Thickness	<u></u>	٥	Legend
Depth (m)	Туре	Results	Strikes	Light brown organic slightly gravelly clayey SAND.		o sub-angular	Depth	E E	Lev (m)	0 E	Ê ZXXX
				fine of quartz, flint and limestone.  (AGRICULTURALLY DISTURED TOPSOIL)		J		(0.3	0)		
				Orange brown slightly gravelly clayey SAND with fi	requent pockets (up	to 240mm in	0.30	,	6	.20	
				diameter) of soft to firm sandy clay. Gravel is sub-r medium of limestone, flint and quartz.	ounded to sub-angu	ular fine to				101	
				(ALLUVIUM)			-				
								8.0)	0)		
							-				
	Yellowish brown very sandy rounded to sub-angular fine to coarse of limestone, qua						1 -	,	6	3.40	
flint				Yellowish brown very sandy rounded to sub-angula   flint and sandstone GRAVEL.   (RIVER TERRACE DEPOSITS)	ar fine to coarse of l	imestone, quar	Z, -				
				(NVERTERIORSE DEL GOTTO)							
							-				
							-	(1.4	0)		
							2 -				
							-				
							2.50		6	5.00	
				Base of Excavation at 2	2.50m		2.50		- 0.	,.00 . 6	
							-				
							3 -				
							-				
							-				
							]				
							-				
							]				
							"]				
							5 -				
General Remark 1. Trial pit walls	neral Remarks: Trial pit walls did not collapse during the period th			cavation remaned open (20 mins)							

				Project: Begbroke		٦	Trialpi <sup>·</sup>			
Hydro	ck "						TP(	)1		
						Pag	ge No	. 1 of	1	
Method: Trial				` '	Logged By: M		Check			
		ty Developme	nt	Co-ords: 448128.44, 213186.73	Stability: Stabl	le	Dimer _	2.50m		cale:
Hydrock Proje			Г	Ground Level: 67.44m OD	Plant: JCB 3C	X	0.60m	Ι.,		1:25
Depth (m)	Type	Sts Results	Water- Strikes	Stratum Descr	ription		Depth	Thickness (m)	Level m OD	Legend
0.10	ES			Orangish brown silty slihgtly gravelly SAND with I sub-rounded fine and medium brick and sandstor (TOPSOIL - MADE GROUND)	ne with rare metal wir	re.	0.15	(0.15)	67.29	
0.40	ES			Orangish brown and grey slightly clayey gravelly angular to sub-angular coarse brick and concrete plastic bags, timber, metal wire, batteries, newspar (LANDFILL - MADE GROUND)	with frequent broker	n clay pipe, glas	S, - - - -			
1.00	ES						1-	(1.65)		
2.00	ES			Soft grey very gravelly CLAY. Gravel sized fragme abundant newspaper (Dated 1960), glass mirrors (LANDFILL - MADE GROUND)			2 -	(0.50)	65.64	
2.50	ES			MADE GROUND consisting of grey and black platyres and metal wires. With strong putrid smell. (LANDFILL - MADE GROUND)	astic, broken glass, no	ewspaper, ash,	2.30	(0.50)	65.14	
				Grey sandy sub-angular to rounded fine to coare lithologies. (RIVER TERRACE DEPOSITS)  Base of Excavation a			2.80	(0.10)	64.64	
General Remark	S:									

1) Completed at 2.90m bgl. 2) Backfilled with arisings on completion. 3) Landfill deposits have a putrid odour throughout.

				Project: Begbroke			rialpi			
Hydro	ck <sup>"</sup>						TP(	)2		
i i y di c	CIV					Pa	ge No	. 1 of	1	
Method: Trial	Pit			Date(s): 20/08/2021	Logged By: Ma		Check			
Client: Oxford	Universi	ty Developmei	nt	Co-ords: 448221.63, 213197.17	Stability: Unsta	able	Dimer	nsion: 2.50m		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 66.94m OD	Plant: JCB 3C	X	0.60m		_	1:25
	amples / Tes		Water- Strikes	Stratum Descri	iption		t =	Thickness (m)	D G	Legend
Depth (m)	Туре	Results	Ottikes	Dark brown silty gravelly SAND with occasional g		vel is sub-angu	ar	ĒĒ	Le,	ĽĚ
0.10	ES			to sub-rounded fine to coarse flint and sandstone (TOPSOIL - MADE GROUND)			0.20	(0.20)	66.74	
0.80	ES			Brown gravelly SAND. Gravel sized fragments of concrete with occasional bouders of concrete (20 wrappers and bottles, scrap metal, rubber and sh (LANDFILL - MADE GROUND)	cm x 60cm) glass jar		1-	(1.20)		
				Dark grey clayey gravelly SAND. Gravel sized fra			1.40		65.54	
2.50	ES		<b>▼</b>	concrete slag and brick with occasional plastic ba (LANDFILL - MADE GROUND)			2	(1.80)	63.74	
3.30	ES			Yellowish brown angular to sub-rounded fine to co sandstone.	oarse SAND & GRA\	/EL of flint and	- 3.20	(0.20)	03.74	·×××××
5.50				(RIVER TERRACE DEPOSITS)  Base of Excavation at	3.40m		3.40		63.54	
				1				1		

General Remarks:
1) Completed at 3.40m bgl. 2) Backfilled with arisings on completion. 3) Trial pit collapsing from 0.50m to base. 4) Landfill deposits have a putrid odour throughout.

			Project: Begbroke						
)CK								<sup>:</sup> 1	
l Pit			Date(s): 20/08/2021	Logged By: M					T
J Universit	y Developmε	ent	Co-ords: 448088.82, 213139.16	Stability: Stabl	le	Dimen			Scale:
ect No: C-	19114-C		Ground Level: 66.85m OD	Plant: JCB 3C	X	0.60m	2.5001	_  ´	1:25
amples / Test	is	Water-	Stratum Desc	rintion		£ _	kness		pue
Туре	Results	Strikes					(0.05)	O E C 66.80	Legend
ES			(TOPSOIL - MADE GROUND)  Dark brown gravelly SAND. Gravel sized fragmen	ents of angular fine to		_A	(1.15)		
ES			rounded fine to coarse flint and sandstone with ra fine to coarse brick and slag.			1.20	(0.30)	65.65	
ES			Dark brown slightly clayey gravelly SAND. Grave coarse brick and concrete with frequent glass bot and putrid odour. (LANDFILL - MADE GROUND)	ittles, shoes, whole ca	ar tyres, plastic	2	(1.00)	65.35	
			sandstone.	oarse SAND & GRAV	/EL of flint and	2.60	(0.10)	64.25	
			(RIVER TERRACE DEPOSITS)  Base of Excavation a	at 2.60m		3			
	ect No: C-1 amples / Tests Type  ES	I Pit I University Developme ect No: C-19114-C amples / Tests  Type Results  ES  ES  ES	HPit d University Development sect No: C-19114-C samples / Teyer Results  ES  ES  ES  ES  ES	I Pit	Pit Date(s): 20/08/2021 Logged By: M I University Development Co-ords: 448088.82, 213139.16 Stability: Strikes Coordinate (AND Stability: SAND with high root content.    COPY   C	Pat University Development Co-ords: 448088.82, 213139.16 Stability: Stable Ground Level: 66.85m OD Plant: JCB 3CX amples / Tests Type Results Dark brown gravely SAND with high root content. NDFSOIL. MADE GROUND) Dark brown gravely SAND. Great good fragments of angular fine to coarse block and father, plasted wrappers, aminal born and wire.  (LANDFILL - MADE GROUND)  Dark brown siliptify dayey eligibity gravely SAND. Gravel is sub-angular to sub-to-rounded fine to coarse block and sand-stone with rare gravel sized fragments of angular fine to coarse block and sand-stone with rare gravel sized fragments of angular fine to coarse block and concrete with required glass bottles, shoes, whole our tyres, plastic (LANDFILL - MADE GROUND)  Dark brown signify dayey eligibity gravely SAND. Gravel is sub-angular to sub-to-rounded fine to coarse block and concrete with required glass bottles, shoes, whole our tyres, plastic (LANDFILL - MADE GROUND)  Crangish brown angular to sub-rounded fine to coarse SAND & GRAVEL of fiint and sand-stone.  (REVER TERRACE DEPOSITS)  Base of Excenters at 26th	Pit Date(s): 20/08/2021 Logged By: MA Check University Development Co-ords: 448088.82, 213139.16 Stability: Stable Dimension of Tests Water-Strikes Water-Strikes Water-Strikes Dark towns gravelly SAND on high root content. (In Check Lander Ground) Dark towns gravelly SAND on high root content. (In Check Lander Ground) Dark towns gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, on gravelly SAND on a dark so bettler (containing liquid), plaste, and plant on a dark so d	Date (s): 20/08/2021 Logged By: MA Checked By Iduniversity Development Co-ords: 448088.82, 213139.16 Stability: Stable Dimensions  et No: C-19114-C Ground Level: 66.85m OD Plant: JCB 3CX OF STRUM Description  Water-Strikes Stratum Description  Stratum Description  Dark forom gravely SAND with high rock content.  (IDINSIGL: MANE GROUND)  Connecte with Request while brack, whice glass bottles (containing liquid), plastic, labric, plastic wappers, primal brane and wire.  (LANDFILL - MADE CROUND)  Dark from slightly daysy slightly gravelly SAND. Crowel is sub-angular for to authorize the coarse brink and sendature with rare gravel stageness of angular for to authorize fine to coarse brink and sendature with rare gravel stageness of angular for to authorize fine to coarse brink and sendature with rare gravel stageness of angular for to authorize fine to coarse brink and sendature with rare gravel stageness of angular for to authorize district from the coarse brink and sendature with rare gravel stageness of angular for to coarse brink and sendature with rare gravel stageness of angular for to coarse brink and sendature with rare gravel stageness of angular for to coarse brink and sendature.  (LANDFILL - MADE GROUND)  Dark from slightly daysy slightly gravelly SAND. Crowel is sub-angular for authorize district from the stage of the sub-angular for to coarse brink and sendature.  (LANDFILL - MADE GROUND)  To organish brown angular for sub-rounded fine to coarse SAND & GRAVEL of finit and analysis.  (INVER TERRACE DEPOSITS).  Boor of Economics of	Pit Date(s): 20/08/2021 Logged By: MA Checked By: N University Development Co-ords: 448088.82, 213139,16 Stability: Stable Dimensions: Safety Co-ords: 448088.82, 213139,16 Stability: Stable Dimensions: Safety Co-ords: 448088.82, 213139,16 Stability: Stable Dimensions: Safety Co-ords: Make Strakes Stratum Description Plant: JCB 3CX Occording Pla

Logged in general accordance with BS5930:2015

ck						TD	$\sim 4$		
					Pa	TP		F 1	
Pit			Date(s): 20/08/2021	Logged By: M					Т
	v Developme	 ent					nsion	s: S	Scale:
	•	<del></del>		•		0.60m	2.50m	$\neg$	1:25
		Water-					ssət	Ť	و ا
Туре	Results	Strikes		iption		Depth	mbgl (m)	Level	Legend
ES			(TOPSOIL - MADE GROUND)  Brick red gravelly SAND with occasional boulders				(0.85)		
ES						5 1 - - -	(0.60)		
ES			Yellowish brown SAND with frequent scrap metal, (LANDFILL - MADE GROUND)	, glass bottles, tyres a	and whole brick	2 -	(1.30)		
ES			sandstone.	-	EL of flint and		(0.40)	64.43	
FUCIM	ES  ES  ES  ES	Dit University Development No: C-19114-C Inples / Texts  Type Results  ES  ES  ES  ES	Driversity Development at No: C-19114-C apples / Tests	Date(s): 20/08/2021  University Development  Co-ords: 448181.72, 213126.90  END Co-19114-C  Inples / Tests  Water- Type  Results  Water- Type  Results  Dark brown silty SAND with high roct content.  (TOPSOIL - MADE GROUND)  Brick red gravelly SAND with occasional boulders sized fragments of angular fine to coarse brick wis scrap metal.  (LANDFILL - MADE GROUND)  ES  Dark orange brown and black gravelly SAND. Sa of brick and cocrete with frequent nails, glass bot pottery.  (LANDFILL - MADE GROUND)  Yellowish brown SAND with frequent scrap metal (LANDFILL - MADE GROUND)  ES  Vellowish brown sub-rounded to rounded fine to a sandstone.  (RIVER TERRACE DEPOSITS)  Base of Exavistor a	Date(s): 20/08/2021 Logged By: M. Jniversity Development Co-ords: 448181.72, 213126.90 Stability: S	Date(s): 20/08/2021 Logged By: MA  Jniversity Development  Co-ords: 448181.72, 213126.90 Stability: Stable  ground Level: 67.33m OD Plant: JCB 3CX  ples / Tests Type Results  Water-Strikes  Dark brown sity SAND with high root content. (TOPSOIL - MADE GROUND)  Brick red gravelly SAND with occasional boulders of concrete (30cm x 60cm), Gravel sized fragments of angular fine to coarse brick with broken glass, rubber, plastic and sorters made and corete with frequent nails, glass bottles (contianing liquid) plastic and of brick and corete with frequent nails, glass bottles (contianing liquid) plastic and pottery. (LANDFILL - MADE GROUND)  ES  ES  Yellowish brown SAND with frequent scrap metal, glass bottles, tyres and whole brick (LANDFILL - MADE GROUND)	Date (s): 20/08/2021 Logged By: MA Ohec University Development Co-ords: 448181.72, 213126.90 Stability: Stable Dime of No. C-19114-C Ground Level: 67.33m OD Plant: JCB 3CX 0.55m plack / Tests Strikes Stratum Description Strikes Strikes Strikes Strikes Stratum Description Strikes Strike	Date (s): 20/08/2021   Logged By: MA   Checked B   University Development   Co-ords: 448181.72, 213126.90   Stability: Stable   Dimension   Co-ords: 448181.72, 213126.90   Stability: Stable   Dimension   Co-ords: 448181.72, 213126.90   Plant: JCB 3CX   OFFI   Co-ords: 448181.72, 213126.90   OFFI   Co-ords: 448181.72, 213126.90	Date(s): 20/08/2021 Logged By: MA  Jiniversity Development  Co-ords: 448181.72, 213126.90  Stability: Stable  Dimensions: 2000  plant: JCB 3CX  plant: JCB 3CX

				Project: Begbroke			rialpi TP(					
Hydro	ck						ا P I ge No		· 1			
Method: Trial				Date(s): 20/08/2021	Logged By: M		Check			T		
Client: Oxford	Universit	y Developme	 ent		Stability: Stabl	le	Dimer			Scale:		
Hydrock Proje	ect No: C-	19114-C		Ground Level: 67.09m OD	Plant: JCB 3C	X	0.60m	2.50m	] .	1:25		
Sa	amples / Test	ts	Water-	Stratum Descri	rintion			Thickness (m)		pu		
Depth (m)	Туре	Results	Strikes	Dark brown gravelly SAND with high root content.			Depth mba	(0.05)	67.04	Legend		
0.50	ES			Orange brown clayey gravelly SAND. Gravel sizes brick and concrete with occasional concrete bould scrap metal, glass bottles, plastic and fabric. (LANDFILL - MADE GROUND)	ed fragments of angul		-/	(1.15)	02			
							1.20		65.89			
1.30	ES			Orange brown gravelly SAND. Gravel sized fragm concrete brick and asphalt with frequent plastic. (LANDFILL - MADE GROUND)	nents of angular fine	to coarse		(0.20)				
2.00	ES			(LANDFILL - MADE GROUND)  MADE GROUND consisting of black ash, concret knives, glass bottles (containing unkown liquid), p odour. (LANDFILL - MADE GROUND)			2 -	(1.40)	65.69			
2.90	ES			Greyish brown slightly clayey sub-rounded to rour of flint and sandstone.  (RIVER TERRACE DEPOSITS)  Base of Excavation at		SAND & GRAVE	2.80 L 2.90	(0.10)	64.29			
General Remarks				completion. 3) Landfill deposits have a putrid								

	lydrock			Project: Begbroke		٦	Trialpi			
Hydro	ck					Pa	TP( ge No		F 1	
Method: Trial				Date(s): 20/08/2021	Logged By: M		ge No Check			Т
		ity Developme	 ent	, ,	Stability: Stabl		Dimer	nsion	s: S	cale:
Hydrock Proje					Plant: JCB 3C		0.60m	4.00m	-	1:25
	amples / Tes		Water-		1	1	L	ssal	7	ق ا
Depth (m)	Туре	Results	Strikes	Stratum Descr			Depth	Thickness (m)	Level m OD	Legend
0.10	ES			Brown silty gravelly SAND. Gravel is sub-rounded Gravel sized fragments of angular fine to coarse and plastic.				(0.20)	67.05	
				\(\((TOPSOIL - MADE GROUND\)\) Dark brown gravelly SAND with occasional bould sized fragments of angular fine to coarse concret glass bottles, plastic wrappers, pottery and metal (LANDFILL - MADE GROUND)	te brick and slag with			(0.69)		
0.70	ES									
				MADE GROUND consisting of blocks of concrete (LANDFILL - MADE GROUND)		s.	0.89		66.36 66.35	
							2			
General Remarks:										
) Terminated at	0.00m hal c	tue to hard dia 2	) Backfilled	with arisings on completion 3) Landfill depos	its have a nutrid or	dour througho	ut			

Logged in general accordance with BS5930:2015

			Project: Begbroke		٦	rialpi			
Hydrock						TP(	)7		
					T	ge No			
Method: Trial Pit			Date(s): 20/08/2021	Logged By: M.		Check			
Client: Oxford Unive		nt	Co-ords: 448265.46, 213049.59	Stability: Stab	le	Dimer _	2.50m		cale:
Hydrock Project No	: C-19114-C		Ground Level: 66.93m OD	Plant: JCB 3C	X	0.60m			1:25
Depth (m) Type		Water- Strikes	Stratum Descri	iption		Depth	Thickness (m)	Level m OD	Legend
0.10 ES			Dark brown silty gravelly SAND with high root cor fine to coarse flint chalk and sandstone. With occ (TOPSOIL - MADE GROUND)	asional glass and pla	astic.	0.15	(0.15)	66.78	
0.50 ES			Orange brown gravelly SAND. Gravel is angular to sandstone with gravel sized fragments of angular With frequent plastic, fabric, springs, glass jars, p (LANDFILL - MADE GROUND)	fine to coarse brick	and concrete.	1	(2.45)		
2.70 ES			MADE GROUND consisting of black ash, concret glass bottles (containing unknown liquid) and new putrid smell. (LANDFILL - MADE GROUND)			3 - 330	(0.70)	64.33	
3.40 ES			Greyish brown sandy sub-rounded to rounded find sandstone. (RIVER TERRACE DEPOSITS)  Base of Excavation at		of flint and	3.30	(0.20)	63.43	

1) Completed at 3.50m bgl. 2) Backfilled with arisings on completion. 3) Landfill deposits have a putrid odour throughout.

				Project: Begbroke			Trialp			
Hydro	ck <sup>"</sup>						TP2	201		
i i y di c	CIV					Pa	ge No	. 1 o	f 1	
Method: Trial	Pit			Date(s): 09/09/2022	Logged By: W		Chec			
Client: Oxford	Universi	ty Developmei	nt	Co-ords: 447157.34, 213579.87	Stability: Unsta	able	Dime	nsion <sup>2.50m</sup>		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 68.10m OD	Plant: JCB 3C	X	0.60m		_	1:25
	amples / Tes		Water-	Stratum Descri	ption		돛.	Thickness (m)	- Q	Legend
Depth (m)	Туре	Results	Strikes	Stiff dark brown sandy slightly gravelly CLAY. Grav	vel is angular to sub	rounded, fine to	Der	ĔĔ	Level m OD	Leg C
				coarse of flint and limestone.  (AGRICULTURALLY DISTURBED TOPSOIL)	Ü			(0.28)		
				Orangish brown gravelly very clayey fine to mediu	m SAND. Gravel is	subangular to	0.28		67.82	
				subrounded, fine to coarse of flint and limestone. (RIVER TERRACE DEPOSITS)						
							-			
0.70 0.70	B ES						-	(0.92)		
							]			
							1 -			
				Firm dark grey mottled orange brown CLAY.			1.20		66.90	
1.30	HSV	57kPa		(KELLAWAYS SAND MEMBER)			-			
							]			<u> </u>
							-	(0.80)		
1.80	D						1			
1.80	HSV	45kPa					-			
				Firm bluish grey CLAY with rare angular fine to coa (KELLAWAYS CLAY MEMBER)	arse, mudstone litho	orelicts.	2 2.00		66.10	<u> </u>
							-			
										<u> </u>
							-	(1.10)		
2.60 2.60	D HSV	67kPa						(,		==
							-			<u> </u>
3.00	HSV	92kPa					3 -			
3.00	1100	32N a		Base of Excavation at	3.10m		3.10		65.00	
							-			
							_			
							-			
							-			
							-			
							4 -			
							-			
							-			
							-			
							5 -			

General Remarks:

1) Excavation completed at 3.10m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

				Project: Begbroke		٦	rialpi	t No		
Hydro	ck"					-	TP2	02		
ilyaro	CIN					Pag	ge No	. 1 of	1	
Method: Trial	Pit			Date(s): 09/09/2022	Logged By: W		Check			
Client: Oxford	Universi	ty Developme	ent	Co-ords: 447428.30, 213701.07	Stability: Stabl	е	Dimer	2.50m	s: S	cale:
Hydrock Proje	ect No: C-	-19114-C		Ground Level: 66.92m OD	Plant: JCB 3C	X	0.60m		ᆚ	1:25
	amples / Tes		Water-	Stratum Descri	ption		£ =	Thickness (m)	= Q	Legend
Depth (m)	Туре	Results	Strikes	Dark brown clayey slightly gravelly fine to medium	SAND with occasio	nal rootlets.	Der	(E)	n C	, ref
0.20	ES			Gravel is angular to rounded, fine to coase of flint (AGRICULTURALLY DISTURBED TOPSOIL)				(0.30)		
0.20				Light greyish light brown SAND & GRAVEL. Grave	el is angular to round	led, fine to coars	0.30 se		66.62	
0.40	В			of flint, limestone and occasional ironstone. (RIVER TERRACE DEPOSITS)	•					
							-			
							-			
							1 -			
							1			
							-			
							1	(2.40)		
							-			
1.80	D									
	_						-			
							2 -			
							-			
							-			
							]			
							2.70		64.22	
2.80	В			Brown and orangish brown sandy, angular to round and ironstone GRAVEL. With low cobble content of	ded, fine to coarse of limestone.	of flint, limestone	2.70		01.22	
				(RIVER TERRACE DEPOSITS)			-	(0.55)		
							3 -	(0.55)		
					" 00BBI F6		3.25	(0.05)	63.67	
				Light brownish grey stained orangigh brown clayers to coarse limestone.		-	3.30	(0.03)	03.02	-a· ° ♦.å·-1
				(CORNBRASH LIMESTONE FORMATION)  Base of Excavation at	3.30m					
							-			
							4 -			
							-			
							1			
							-			
							-			
							5 -			
l General Remarks	s:			1				1		L

1) Excavation completed at 3.30m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

-lydrock				Project: Begbroke			Trialp				
Hydro	ck						i i i i ige N			1	
Method: Trial	Pit			Date(s): 06/09/2022	Logged By: AA		Che				$\overline{/}$
		ty Developme	nt		Stability: Stabl		Dime				cale:
Hydrock Proje		•			Plant: JCB 3C		0.60m		2.50m	/ ار	1:25
	amples / Tes		Water-					Ī	ess		
Depth (m)	Туре	Results	Strikes	Stratum Descrip			Depth	mbgl	Thickness (m)	Level m OD	Legend
0.20	ES			Brown slightly gravelly clayey SAND. Gravel is subcoarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			0.0		(0.30)	65.46	
0.80	D			Yellowish brown SAND and GRAVEL. Gravel is su coarse of flint and limestone. (RIVER TERRACE DEPOSITS)	ib angular to sub rou	unded fine to			(0.80)		
				Firm to stiff grey and yellowish brown extremely clo	osely fissured (block	ky) CLAY.		10		64.66	
1.30	В			(KELLAWAYS CLAY MEMBER)							<u> </u>
1.30	HSV	46kPa					-		(0.70)		
4.05	1101/	40LD-					]				 
1.65 1.80	HSV D	48kPa					1.8	30		63.96	
				Extremely weathered grey LIMESTONE. (CORNBRASH LIMESTONE FORMATION) Base of Excavation at	1.85m		3				

General Remarks:

1) Excavation completed at 1.85m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings 5) Moved 2.5m south from original position

i roject. Begareke						Trialp	it N	lo		
Hydro	ck"					,	TP:	204	4	
ilyuic	CK					Pa	ge N	o. 1	of 1	
Method: Trial	Pit			Date(s): 06/09/2022	Logged By: AA	4	Chec	ked	Ву:	CV
Client: Oxford	Universi	ty Developme	nt	Co-ords: 447909.18, 213997.44	Stability: Unsta	able	Dime		ons:	Scale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 67.81m OD	Plant: JCB 3C	X	0.60m			1:25
Sa	amples / Tes	sts	Water-	Stratum Descri	ption		£	mbgl	_	pue
Depth (m)	Туре	Results	Strikes	Brown clayey slightly gravelly SAND with frequent		ngular to sub	Dept	Thic	(m) Level	m OD Legend
				rounded fine to coarse of flint and limestone. (AGRICULTURALLY DISTURBED TOPSOIL)	Tooliels. Graver is a	ingular to sub	-	(0.	30)	
0.20	ES				Constitution of the second of		0.3	0	67	.51
				Yellowish brown sandy GRAVEL with red staining. to coarse of flint and limestone.  (RIVER TERRACE DEPOSITS)	. Gravei is angular to	sub angular ili	1e			
0.60 - 0.70	В			(NVERTERNAGE BET GOTTO)				(0.	50)	
0.00 0.10							-			
				Yellowish brown slightly gravelly SAND. Gravel is of flint and limestone.	angular to sub angu	lar fine to coars	0.8 ie	0	67	.01
1.00	В			(RIVER TERRACE DEPOSITS)			1 -			
							-			
				At 1.20m bgl gravelly.			1			
							-	(1.	10)	
							-			
							1.9	0	65	.91
				Dark yellowish brown SAND and GRAVEL with da sub rounded fine to coarse of flint and limestone v						
				limestone. (RIVER TERRACE DEPOSITS)			-			
2.30	D							(0.	70)	
2.00	2						_			
							2.6	0	65	.21
2.70	D			Stiff grey mottled with orangish brown extremely of (KELLAWAYS CLAY MEMBER)	-	ſ.	-			
2.70	HSV	45kPa		From 2.70m bgl becoming grey and yellowish	brown.		-	(0.	40)	<u> </u>
2.90	HSV	89kPa		At 2.90m bgl band of flint cobbles.  Base of Excavation at	3.00m		3.0	0	64	.81
				Dase of Excavation at	3.0011		-			
							1			
							_			
							-			
							1			
							-			
							4 -			
							-			
							]			
							-			
							-			
							5 -			
							-			

General Remarks:
1) Excavation completed at 3.00m bgl 2) Side collapse from 1.90m bgl 3) No groundwater encountered 4) Backfilled with arisings

		•		Project: Begbroke			Trialpi			
Hydro	ck "					•	TP2	05		
ilyaic	CK					Pa	ge No.	1 of	1	
Method: Trial	Pit			Date(s): 09/09/2022	Logged By: W	S	Check	ed B	y: C	V
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 447337.39, 213452.03	Stability: Unsta	able	Dimer	sion 2.50m	s: S	cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 67.51m OD	Plant: JCB 3C	Х	0.60m	2.00111		1:25
Sa	amples / Te	sts	Water-	Stratum Descri	ntion		£_	Thickness (m)	=0	pud
Depth (m)	Туре	Results	Strikes	Stiff friable dark brown very sandy slightly gravelly	•	Gravel is angu	Dept	E E	Leve	Legend
0.15	ES			to subrounded, fine to coarse of limestone and flin (AGRICULTURALLY DISTURBED TOPSOIL)		Graver is arigu	0.30	(0.30)	67.21	
				Stiff orangish brown and light brown very sandy Cl (HEAD DEPOSITS)			0.40	(0.10)	67.11	
				Light brown and light grey very sandy angular to si GRAVEL. (RIVER TERRACE DEPOSITS)	ubrounded fine to co	oarse flint	-			
				(RIVER TERRACE DEPOSITS)			]	(0.45)		
0.75	В			Links because are arrived to CANID. Consulting and the			0.85		66.66	
1.00	D			Light brown very gravelly SAND. Gravel is angular ironstone. (RIVER TERRACE DEPOSITS)	na .					
				(AVERTICATION DE DEL GOLLO)			-			
							-	(1.15)		
							]			
							-			
				Light greyish brown very sandy angular to rounded	d fine to ecoree flint	and limestone	2.00		65.51	
				GRAVEL. (RIVER TERRACE DEPOSITS)	u, line to coarse liint	and iimestone	-			
				( ,						
							-			
								(1.00)		
2.70	В						-			
							]			
				Base of Excavation at	3.00m		3.00		64.51	
							-			
							-			
							-			
							4 -			
							]			
							-			
							-			
							]			
							-			
							5 -			

General Remarks:
1) Excavation completed at 3.00m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

				Project: Begbroke			rialpi			
Hydro	ck			Date(s): 08/09/2022 Logged By: WS C						
							e No			
Method: Trial							heck		<u> </u>	
Client: Oxford	Universi	ty Developme	nt	Co-ords: 447662.22, 213756.49	Stability: Unsta	able l	Dimer	2.50m	ı	Scale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 67.51m OD	Plant: JCB 3C	X	).60m			1:25
	amples / Tes		Water- Strikes	Stratum Descri	iption		£ =	Thickness (m)	D C	Legend
Depth (m)	Туре	Results	Ollikes	Dark brown and brown slightly gravelly clayey SA	ND with rootlets. Gra	avel is subangula	r l	ĒĒ	n (	Ĕ
0.20	ES			to subrounded, fine to coarse of flint and limeston (AGRICULTURALLY DISTURBED TOPSOIL)	e.		0.30	(0.30)	67.21	
0.40	D			Stiff brown sandy gravelly CLAY. Gravel is angula and ironstone.	r to subrounded, fine	e to coarse of flin	-	(0.20)		
				(HEAD DEPOSITS)  Light brown and yellow brown SAND & GRAVEL.	Gravel is angular to	subrounded, fine	0.50		67.01	
				to coarse of flint, limestone and ironstone. (RIVER TERRACE DEPOSITS)						
							_	(0.50)		
							1.00		66.51	
				Light greyish brown very gravelly clayey SAND. G coarse of flint, limestone and ironstone.	Gravel is angular to s	ubrounded, fine t	o'   -			
1.20	В			(RIVER TERRACE DEPOSITS)			-			
							]			
							-			
							-			
							2 -			
				At 2.00m bgl: 20mm bands of soft very sandy	/ clay.		-	(2.20)		
							-			
							-			
2.60	D			At 2.60m bgl: 20mm bands of soft very sandy	/ clay.		-			
							]			
							-			
3.10	В			At 2.60m bgl: 20mm bands of soft very sandy	/ clay.		3 -			
				Base of Excavation at	t 3.20m		3.20		64.31	
							]			
							-			
							-			
							4 -			
							-			
							-			
							1			
							-			
							-			
							5 -			

General Remarks:
1) Excavation completed at 3.20m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

	, II			Project: Begbroke					Νο <b>7 Ε</b>	•	
Hydro	CK								<i>t</i> ∟ 1 of		
Method: Trial	Pit			Date(s): 06/09/2022	Logged By: A				ed B		<b>V</b>
Client: Oxford	Universit	ty Developme	ent	Co-ords: 448046.16, 213963.36	Stability: Stabl	e	Din		sion: <sup>2.50m</sup>	s: S	cale:
Hydrock Proje	ect No: C-	-19114-C		Ground Level: 64.01m OD	Plant: JCB 3C	Х	0.60		2.50111		1:25
Sa	amples / Tes	sts	Water-	Stratum Descr	iption			£ -	Thickness (m)	- Q	end
Depth (m)	Туре	Results	Strikes			tlets. Gravel is		Deb	ĒĒ	E C	Leg K
Depth (m)	Туре	Results	Strikes	Stiff (dry) brown slightly sandy slightly gravelly CL angular to sub rounded fine to coarse of flint and (AGRICULTURALLY DISTURBED TOPSOIL)  Light grey weak LIMESTONE recovered as fine gangular with weak fossils. (CORNBRASH LIMESTONE FORMATION)  Base of Excavation a	AY with frequent roo limestone. gravel to cobble sized			0.30 0.11.10	(0.30) (0.80)	GO € 63.711 63.711	Pregend — — — — — — — — — — — — — — — — — — —
General Remark	S:	1.10m bal 2) Sid		oughout excavation 3) No groundwater encou	untered A Doubfill		4				

	113		Project: Begbroke			Trialp				
Hydro	ck"			Date(s): 06/09/2022 Logged By: AA				7 V	V	
							ge No			
Method: Trial							Check			
		ty Developmei	nt		Stability: Stabl		Dime	2.50m		cale:
Hydrock Proje				Ground Level: 64.01m OD	Plant: JCB 3C	X	0.60m	Ι.,	ᆚ	1:25
Depth (m)	Type	Results	Water- Strikes	Stratum Descri	ption		epth	Thickness (m)	Level m OD	Legend
0.20	ES	Кезиня		Stiff (dry) brown slightly sandy slightly gravelly CL angular to sub rounded fine to coarse of flint and I (AGRICULTURALLY DISTURBED TOPSOIL)  Stiff yellowish brown slightly sandy slightly gravelly	imestone.		0.40	(0.40)	63.61	T F
				angular fine to coarse of limestone. (CORNBRASH LIMESTONE FORMATION)				(0.30)		
0.70	В			Light grey weak LIMESTONE recovered as fine grangular with weak fossils. (CORNBRASH LIMESTONE FORMATION)	ravel to cobble sized	l angular to sub	0.70	(0.40)	63.31	
1.10	В			Base of Excavation at	7.10m		2 -		62.91	
							5 -			

General Remarks:
1) Excavation completed at 1.10m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

				Project: Begbroke		_	rialpi	t No		
Hydro	ck"			, ,		TP2	80			
ilyuic	CK					Pa	ge No	. 1 of	1	
Method: Trial	Pit			Date(s): 07/09/2022	_ogged By: AA	4	Check	ed B	y: C'	V
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 447437.11, 213305.65	Stability: Unsta	able	Dimer	nsion 2.50m	s: S	cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 67.22m OD F	Plant: JCB 3C	Х	0.60m	2.30111	] .	1:25
Sa	amples / Te	sts	Water-	Stratum Descrip	ntion	'	ے	Thickness (m)		pu
Depth (m)	Туре	Results	Strikes	Very stiff brown slightly sandy slightly gravelly CLA		lata Casualia	Dept	(m)	Level m OD	Legend
0.20	ES			very suit blown signify sainty signify gravely CLA angular to subrounded, fine to coarse of fint. (AGRICULTURALLY DISTURBED TOPSOIL)	r with frequent roof	lets. Graver is	0.30	(0.30)	66.92	
				Very stiff (dry) reddish brown slightly sandy slightly rootlets. Gravel is angular to rounded, fine to coars (HEAD DEPOSITS)						
0.60 - 0.70	В							(0.60)		
				Red brown slightly gravelly clayey SAND. Gravel is	s subangular to sub	rounded fine to	0.90		66.32	
				coarse of flint and limestone. (RIVER TERRACE DEPOSITS)	s subangular to sub	rounded, line to	1 -			
				At 1.20m bgl: Yellow brown.						
							-	(1.00)		
							-			
							1.90		65.32	
0.40				Yellow brown gravelly clayey SAND. Gravel is subated filint and limestone.  (RIVER TERRACE DEPOSITS)	angular to subround	led, fine to coar	se 2 -	(0.30)		
2.10	В			Grey and yellow brown SAND.			2.20	_	65.02	7
				(RIVER TERRACE DEPOSITS)				(0.40)		
				Grey SAND & GRAVEL. Gravel is angular to subro limestone.	ounded, fine to coars	se of flint and	2.60		64.62	*. ×
				(RIVER TERRACE DEPOSITS)			-			× × × ×
2.90	D						3 -	(0.70)		× × ×
			•							x
				Base of Excavation at 3	3.30m		3.30		63.92	· ^ v · · ·
							4 -			
							5 -			

General Remarks:
1) Excavation completed at 3.30m bgl.2) Collapse between 1.90m bgl to 2.10m bgl. 3) Groundwater encountered at 3.20m bgl 3) Backfilled with arisings.

Lludra				Project: Begbroke			Trialpit			
Hydro	CK						ge No.		1	
Method: Trial	Pit			Date(s): 06/09/2022	ogged By: AA	4	Check	ed B	y: C	V
Client: Oxford	Universi	ty Developme	nt	Co-ords: 447957.84, 213761.80	Stability: Stabl	е	Dimer	sion 2.50m		cale:
Hydrock Proje	ect No: C⋅	-19114-C		Ground Level: 66.96m OD	Plant: JCB 3C	X	0.60m	2.00		1:25
Sa	amples / Tes	sts	Water-	Stratum Descrip	otion		£ _	Thickness (m)	₩ Q	pue
Depth (m)	Туре	Results	Strikes	Stiff (dry) slightly sandy slightly gravelly CLAY with		Gravel is sub	Depth	ĘŒ	Level m OD	Legend
0.20	ES			angular to sub rounded fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			0.30	(0.30)	66.66	
0.00				Orangish brown gravelly SAND. Gravel is angular t quartz and limestone with dark red staining. (RIVER TERRACE DEPOSITS)	to rounded fine to c	oarse of flint	-			
0.60	В							(0.70)		
				Yellowish brown SAND and GRAVEL. Gravel is and of flint and limestone. (RIVER TERRACE DEPOSITS)	gular to sub rounde	d fine to coarse	1.00		65.96	
1.40	D			From 1.50m bgl becoming grey.			-			
				From 2.50m bgl pockets of red brown slightly o	gravelly sandy clay.	Gravel is sub	2 -	(2.20)		
				Stiff grey extremely closely fissured (blocky) CLAY.			3 - 3.20		63.76	
3.40	D			(KELLAWAYS CLÁY MEMBER)  Base of Excavation at 3			3.40	(0.20)	63.56	
				base of Excavation at 3	3-40III		4-			
General Remarks:							5 -			

1) Excavation completed at 3.40m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

									No		
Hydro	ck			Date(s): 06/09/2022 Logged By: AA					10	1	
Method: Trial				Date(s): 06/09/2022 Logged By: AA  Co-ords: 448139.28, 213830.17 Stability: Stable  Ground Level: 63.78m OD Plant: JCB 3CX					1 of d By		v
		ty Developme	nt				Dim				cale:
Hydrock Proje					-		0.60m		2.50m	، ار	1:25
	amples / Tes		Water-	Ground Ecvel. 00.70m OB	i idili. 00B 00	Λ		T	SSS	╝	
Depth (m)	Туре	Results	Strikes	Stratum Descr	ription		Penth th	mbgl	Thickness (m)	Level m OD	Legend
0.20	ES			Stiff (dry) brown slightly sandy slightly gravelly CL sub angular to rounded fine to coarse of flint and (AGRICULTURALLY DISTURBED TOPSOIL)		tlets. Gravel is	-		(0.30)		
				Stiff orangish brown slightly sandy slightly gravell rounded fine to coarse of flint. (HEAD DEPOSITS)  Extremely weathered grey LIMESTONE recovered	•		0.		(0.20)	63.48	
				(CORNBRASH LIMESTONE FORMATION)	ed as sub angular gra	ivei and cobbles	-		(0.20)	00.00	
0.70	В			Base of Excavation a	at 0.70m		2	70		63.08	
Congral Romarka							4 -				

General Remarks:
1) Excavation completed at 0.7m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

				Project: Begbroke		-	Trial	pit	No		
Hydro	ck"			P					11		
ilyulu	CK					Pa	ge N	No.	1 of	1	
Method: Trial	Pit			Date(s): 09/09/2022	_ogged By: W	S	Che	cke	ed By	y: C'	V
Client: Oxford	Universi	ty Developmeı	nt	Co-ords: 447736.46, 213417.42	Stability: Stabl	е	Dim		sions <sup>2.50m</sup>	s: S	cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 67.97m OD	Plant: JCB 3C	X	0.60n		2.00	] .	1:25
Sa	amples / Te	sts	Water-	Stratum Descrip	otion			£ _	Thickness (m)	- O	pue
Depth (m)	Туре	Results	Strikes	Dark brown and brown very clayey slightly gravelly	•	ngular to	-	Depl mbg	(E)	Level m OD	Legend
0.15	ES			rounded, fine to coarse of flint, limestone and rare (AGRICULTURALLY DISTURBED TOPSOIL)	brick.		-	0.25	(0.25)	67.72	
				Stiff brown very sandy gravelly CLAY. Gravel is sub- flint, ironstone and limestone. (RIVER TERRACE DEPOSITS)	bangular to rounded	I, fine to coarse	of .				
0.60	D						1		(0.60)		
							-				
				Orangish brown gravelly clayey SAND. Gravel is so	ubangular to rounde	ed, fine to coars	se .	).85		67.12	
				of flint and limestone. (RIVER TERRACE DEPOSITS)			1 -				
1.20	В						1		(0.75)		
							-		(====)		
							1				
				Light brown SAND & GRAVEL. Gravel is subangul	lar to rounded, fine t	to coarse of flin	t 1	1.60		66.37	
1.80	D			and limestone. (RIVER TERRACE DEPOSITS)			1				
	_						-				
2.10	D			From 2.00m bgl: Pockets of clayey gravelly fin	ne to coarse sand.		2 -				
2.10	D						-				
							1		(1.40)		
							]				
							-				
							-				
				Base of Excavation at 3	3.00m		33	3.00		64.97	24.00
							-				
							-				
							]				
							-				
							1				
							-				
							4 -				
							]				
							-				
							4				
							1				
							]				
							5 -				

General Remarks:
1) Excavation completed at 3.00m bgl 2) Slight spalling in pit walls. 3) No groundwater encountered 4) Backfilled with arisings

				Project: Begbroke				t No		
Hydro	ck					TP2		. ,		
Method: Trial				Date(s): 09/09/2022		ge No Check				
		ty Developme	ot.	` '	Logged By: W Stability: Stabl		Dimer		<u> </u>	v cale:
		•					_	2.50m		1:25
Hydrock Proje	amples / Tes			Ground Level: 68.02m OD	Plant: JCB 3C	^	0.60m	SS		
Depth (m)	Type	Results	Water- Strikes	Stratum Descri	ption		Depth	Thickness (m)	Level m OD	Legend
				Dark brown and brown very sandy slightly gravelly subangular to rounded, fine to coarse of flint and li (AGRICULTURALLY DISTURBED TOPSOIL)		. Gravel is	0.30	(0.30)	67.72	
		1		Stiff friable orangish brown very sandy CLAY with (HEAD DEPOSITS)	rootlets.		0.50	(0.20)	67.52	
0.70 0.70	B ES			Light brown SAND & GRAVEL. Gravel is angular t limestone, flint and occasional ironstone. (RIVER TERRACE DEPOSITS)	to rounded, fine to co	oarse of	1 -	(0.60)	66.92	
		ı		Light brown slightly gravelly fine to medium SAND. Gravel is fine to medium, and rounded of flint, limestone and ironstone. (RIVER TERRACE DEPOSITS)				(0.70)	00.02	
		I		Light brown slightly gravelly fine to medium SAND			1.80 y		66.22	
1.90	D			sandy CLAY. Gravel is fine to medium, angular to ironstone.  (RIVER TERRACE DEPOSITS)  From 1.80m bgl: Becoming very gravelly.	rounded of flint, lime	sstone and	2 -	(1.40)		
2.70	В	l					-			
3.00	D	1					3 -		64.82	
				Base of Excavation at	3.2011		4-			

General Remarks:
1) Excavation completed at 3.20m bgl 2) Slight spalling in pit walls. 3) No groundwater encountered 4) Backfilled with arisings

	, II	=		Project: Begbroke				No 12		
Hydro	ck					TP2 ge No.		1		
Method: Trial	Pit			Date(s): 06/09/2022	Logged By: A		Check			v
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 448113.62, 213758.36	Stability: Stabl	е	Dimen		s: S	cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 65.26m OD	Plant: JCB 3C	X	0.60m	2.50m	] .	1:25
	amples / Tes		Water- Strikes	Stratum Descr	ription		th le	Thickness (m)	Jo C	Legend
Depth (m)	Туре	Results	Strikes	Stiff (dry) brown slightly sandy slightly gravelly CL		tlets. Gravel is	Depth	ĒĒ	Level m OD	ře K
0.20	ES			sub angular to sub rounded fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)  Stiff (dry) orangish brown slightly sandy slightly g		is sub-angular	0.30	(0.30)	64.96	
	ı			suin (dry) draigish blown siignily sainty siignily g sub rounded fine to medium of fiint with dark red (RIVER TERRACE DEPOSITS)		is sub angular	-			
0.70	В							(0.70)		
	ı			Very stiff yellow brown slightly gravelly sandy CL/ fine to coarse of flint and limestone.	AY. Gravel is angular	to subrounded,	1.00		64.26	
1.30	D			(RIVER TERRACE DEPOSITS)			-	(0.70)		
				Stiff grey extremely closely fissured (blocky) CLA (KELLAWAYS CLAY MEMBER)	Υ.		1.70		63.56	
2.10 2.10	D HSV	55kPa					2 -	(1.00)		= <u>=</u> =
2.40	HSV	69kPa								
2.80	D		•	Yellow brown clayey sandy GRAVEL of subangul. (CORNBRASH LIMESTONE FORMATION) Base of Excavation a		stone.	2.70	(0.10)	62.56 62.46	
Coneral Remark				Base of Excavation a	t 2.80m		3 -			

General Remarks:
1) Excavation completed at 2.80m bgl 2) Sides stable throughout excavation 3) Groundwater encountered at 2.70m bgl 4) Backfilled with arisings

				Project: Begbroke		٦	rialpi	t No		
Hydro	ck"									
ilyulu	CK					Pa	ge No	. 1 of	1	
Method: Trial	Pit			Date(s): 08/09/2022	Logged By: W	S	Check	ed B	y: C'	V
Client: Oxford	Universi	ty Developme	nt	Co-ords: 448069.09, 213481.30	Stability: Stabl	е	Dimer	sion:	s: S	cale:
Hydrock Proje	ect No: C-	-19114-C		Ground Level: 68.21m OD	Plant: JCB 3C	Х	0.60m	2.30111	]	1:25
Sa	amples / Tes	sts	Water-	Stratum Descri	intion	•	ے	Thickness (m)	-0	Pu
Depth (m)	Туре	Results	Strikes			Oli-	Dept	(m)	Leve m OE	Legend
				Dark brown slightly gravelly clayey fine to medium angular to subrounded, fine to coarse of flint and I (AGRICULTURALLY DISTURBED TOPSOIL)		. Gravei is	-	(0.30)	67.91	
				Brown and orangish brown clayey gravelly SAND coarse of flint, limestone, ironstone and ironstone.		coarse, fine to	0.30		67.91	
0.50	ES			(RIVER TERRACE DEPOSITS)			-			7
0.60	В							(0.60)		
				Light brown SAND & GRAVEL. Gravel is angular	to rounded, fine to co	parse, flint and	0.90		67.31	×
1.10	D			occasional ironstone. (RIVER TERRACE DEPOSITS)			1 -			× × ×
							-			×××
										×××
										^x
							-			× × × × ×
							]	(1.70)		×.^× × ×
							-			x
							2 -			×××
							-			^x × × × ×
							1			××××
2.50	В						-			x. × × ×
				Reddish brown to brown very gravelly clayey SAN	ID. Gravel is angula	to rounded, fine	2.60		65.61	
				to coarse, flint and occasional ironstone. (RIVER TERRACE DEPOSITS)			]			
							-	(0.50)		
							3 -		65.11	
				Soft light grey sandy gravelly CLAY. Gravel is sub flint and limestone. (RIVER TERRACE DEPOSITS)	angular to subround	ed, fine to coars	e			
3.30	D			(NVERTERIOR DEFOSITO)			1	(0.40)		
				Base of Excavation at	3.50m		3.50		64.71	
							]			
							-			
							4 -			
							-			
							]			
							+			
							1			
							-			
							5 -			

General Remarks:
1) Excavation completed at 3.50m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

		3		Project: Begbroke			rialp			
Hydro	ck						TP2			
				D-t-(-): 00/00/0000	l   D A /		ge No			.,
Method: Trial		tu Davalanna	_4		Logged By: AA		Checl Dime			v Scale:
		ty Developme	nı.		Stability: Unsta	4510	ſ	2.50m		1:25
Hydrock Proje				Ground Level: 64.79m OD	Plant: JCB 3C	Х	0.60m	8		1.20
Depth (m)	amples / Tes	Results	Water- Strikes	Stratum Descri	ption		epth	Thickness (m)	Level m OD	Legend
1 ( /				Stiff brown slightly sandy slightly gravelly CLAY was angular to rounded fine to medium of flint.	ith frequent rootlets.	Gravel is sub		= + =	7.5	
0.20	ES			(AGRICULTURALLY DISTURBED TOPSOIL)				(0.30)		
				Stiff orangish brown slightly sandy slightly gravelly angular fine to medium of flint.	/ CLAY. Gravel is an	ngular to sub	0.30		64.49	
				(HEAD DEPOSITS)			-			
0.80	D							(0.90)		
							,			
							1 -			
				Stiff yellowish brown sandy CLAY with black spec	kles.		1.20		63.59	
				(RIVER TERRACE DEPOSITS)			]			
1.70	В									
1.70	HSV	47kPa					-			
							2 -	(1.50)		
							-			
2.20	HSV	27kPa		At 2.0m bgl: Firm.			1			
							-			
				Brown clayey SAND and GRAVEL. Gravel is sub-	angular fine to coars	e of flint and	2.70		62.09	
2.80	D			limestone. (RIVER TERRACE DEPOSITS)			1			
							3 -	(0.50)		
							3.20		61.59	
				Firm grey and yellowsh brown thin laminated CLA (KELLAWAYS CLAY MEMBER)	Y with occasional oy	ster shells.	-			
			•					(0.40)		==
				Base of Excavation at	3.60m		3.60		61.19	
							4 -			
							-			
							]			
							+			
							]			
							-			
							5 -			

General Remarks:

1) Excavation completed at 3.60m bgl 2) Sides stable throughout excavation 3) Groundwater encountered at 3.50m bgl 4) Backfilled with arisings

				Project: Begbroke		-	Trialp	it N	Vо		
Hydro	ck <sup>"</sup>			Date(s): 08/09/2022 Logged By: WS Cr					6		
ityarc	/CIX					Pa	ge N	o. 1	of 1	1	
Method: Trial	Pit			Date(s): 08/09/2022	Logged By: W	S	Chec				
Client: Oxford	Universi	ty Developme	nt	Co-ords: 447976.36, 213242.20	Stability: Unsta	able	Dime		ions <sup>50m</sup>	: S	cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 67.88m OD	Plant: JCB 3C	X	0.60m				:25
Sa	amples / Tes	sts	Water-	Stratum Descri	ption		£	kness	(m)	<u></u> □	end
Depth (m)	Туре	Results	Strikes	Stiff friable dark brown very sandy gravelly CLAY v		is angular to	Dep	gdm id	Ê.	B Leve	Legend
0.20	ES			subrounded, fine to coarse flint. (AGRICULTURALLY DISTURBED TOPSOIL)		io angular to	-		0.35)	67.53	
				Stiff brown friable very sandy slightly gravelly CLA fine to coarse flint. (HEAD DEPOSITS)	_		0.3	(0	0.25)	67.28	
0.80	ES			Light brown sandy angular to rounded, fine to coar some shell fragments. (RIVER TERRACE DEPOSITS)	rse flint and limestor	ne GRAVEL with	0.9		0.30)	66.98	
				Light brown gravelly SAND with occasional slightly rounded, fine to coarse flint and limestone (RIVER TERRACE DEPOSITS)	y clayey pockets. Gr	avel is angular	to 1 -			00.98	
1.40	D										
							2 -	(2	2.20)		
2.70	В						3 -	0		64.78	
3.15	D			Soft light brown very sandy CLAY. (RIVER TERRACE DEPOSITS)  Base of Excavation at	3.20m		3.2	0 (0	0.10)	64.68	
							4-				

General Remarks:

1) Excavation completed at 3.20m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

				Project: Begbroke		-	Trialpi	t No		
Hydro	ck"				,	TP2	17			
ilyuic	CK					Pa	ge No	. 1 of	1	
Method: Trial	Pit			Date(s): 08/09/2022	Logged By: W	S	Check	ed B	y: C	V
Client: Oxford	Universi	ty Developme	nt	Co-ords: 448136.71, 213298.99	Stability: Unsta	able	Dimer	sion 2.50m	s: S	Scale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 66.63m OD	Plant: JCB 3C	Х	0.60m	2.50111		1:25
Sa	amples / Tes	sts	Water-	Stratum Descri	intion		£_	Thickness (m)	= 0	pue
Depth (m)	Туре	Results	Strikes	Stiff dark brown very sandy gravelly CLAY with ro		angular to	Dept	i E E	Level m OD	Legend
				rounded, fine to coarse of flint and occasional limit (AGRICULTURALLY DISTURBED TOPSOIL)		angular to	0.30	(0.30)	66.33	
0.40	ES			Light brown very sandy subangular to subrounded GRAVEL. (RIVER TERRACE DEPOSITS)	d, fine to coarse of fli	int and limeston	e	(0.30)		
0.80	D			Light brown slightly gravelly SAND. Gravel is sub- of flint and limestone (RIVER TERRACE DEPOSITS)	angular to subrounde	ed, fine to coars	0.60 se		66.03	
0.00	J						1 -	(0.50)	05.50	
2.80	B		•	Brown and light brown angular to subrounded, fin occasional ironstone GRAVEL with shell fragment cemented gravel of above material. (RIVER TERRACE DEPOSITS)  Light greyish and light brown sandy slightly clayer coarse flint GRAVEL. (RIVER TERRACE DEPOSITS)	ts and occasional ve	ry weakly	2	(1.60)	63.93 63.63	
							4-			

General Remarks:
1) Excavtion completed at 3.00m bgl due to continued collapse to 2.90m bgl. 2) Groundwater encountered at 2.65m bgl. 3) Backfilled with arisings.

				Project: Begbroke			rialp				
Hydro	ck"						TP:				
							ge N				
Method: Trial				` '	_ogged By: W		Chec				
		ty Developme	nt	·	Stability: Unsta	abio	Dime		ONS 50m		cale:
Hydrock Proje			I	Ground Level: 65.01m OD	Plant: JCB 3C	X	0.60m		<u> </u>		1:25
	amples / Tes		Water- Strikes	Stratum Descrip	otion		pt	mbgl	CNICS	Level m OD	Legend
Depth (m)	Туре	Results		Stiff dark brown very sandy slightly gravelly CLAY		l is subangular t	<u> </u>	Ĕ	€.	a E	<u>.</u>
0.15	ES			rounded, fine to coarse of flint and occasional lime (AGRICULTURALLY DISTURBED TOPSOIL)  Stiff friable orangish brown very sandy CLAY.	stone.		0.2	- 1	).25)	64.76	
				(RIVER TERRACE DEPOSITS)				(0	0.35)	-	
				Stiff friable orangish brown slightly sandy CLAY.			0.6	0		64.41	
0.70	В			(RIVER TERRACE DEPOSITS)			-			-	
							1 -			-	
							-				
							1				
							-	(1	.60)		
							1			}	
							-				
							Ī				
							2 -			ŀ	
							2.2	0		62.81	
				Soft to firm very sandy CLAY with bands of black s flint gravel.	subrounded to round	led fine to cours	е _				
2.40 2.40	D HSV	23kPa		(RIVER TERRACE DEPOSITS)			-				
							]	(0	0.70)		
							-				
							2.9	0		62.11	
				Soft light brown very sandy SILT/CLAY. (KELLAWAYS SAND MEMBER)			3 -			k	××× ×××
3.20	D						1	(0	0.50)		$\times \times $
0.20	J						_				× × × × × ×
				Base of Excavation at	3.40m		3.4	0		61.61	×××.
							]				
							-				
							1				
							4 -				
							1				
							-				
							1				
							-				
							-				
							]				
							5 -				

General Remarks:
1) Excavation completed at 3.40m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

				Project: Begbroke		-	rialp	it No		
Hydro	ck <sup>*</sup>			TI Page						
ilydic	CK					Pa	ge No	. 1 of	1	
Method: Trial	Pit			Date(s): 08/09/2022	Logged By: W	S	Chec	ked B	y: C	V
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 448304.80, 213502.00	Stability: Unsta	able	Dime	nsion		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 66.63m OD	Plant: JCB 3C	X	0.60m	2.00		1:25
Sa	amples / Tes	sts	Water-	Stratum Descri	ntion		£.	Thickness (m)		pue
Depth (m)	Туре	Results	Strikes	Stiff friable dark brown very sandy gravelly CLAY.		subrounded fir	Depl	(m Thic	Leve	Legend
				to coarse ironstone and flint. (AGRICULTURALLY DISTURBED TOPSOIL)	Craver le arigarar te	oubroundou, m	-	(0.35)		
0.25	ES			,			0.35		66.28	
				Light brown and brown SAND & GRAVEL with low is angular to subrounded, fine to coarse flint, limes	cobble content of li stone and ironstone.	mestone. Grave	:  _		00.20	× × ×
				(RIVER TERRACE DEPOSITS)			1			
0.70	D						-			× × ^ × × ×
										×.×.×
							1 -	(1.15)		x:
							-			× × × ×
										. x . × . x . × . ×
							-		0.5 4.00	××××
1.60	В			Light brown and brown slightly clayey SAND & GR limestone. Gravel is angular to subrounded, fine to			1.50		65.13	
	_			ironstone. (RIVER TERRACE DEPOSITS)	,		-	(0.50)		
							-	(0.50)		
				Soft grey and orangish brown sandy clayey SILT w	vith occasional black	v staining	2.00		64.63	
				(KELLAWAYS SAND MEMBER)  At 2.00m bgl in east end of pit: Stiff grey sand		Cotaming.	-			X
2.30	D						1			(
							-	(0.80)		(
										X
							-			$\times \times \times$
				Base of Excavation at	2.80m		2.80		63.83	×.×.×.
							3 -			
							-			
							-			
							1			
							-			
							-			
							4 -			
							-			
							-			
							]			
							+			
							5 -			
				ı						

General Remarks:
1) Excavation completed at 2.80m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

				Project: Begbroke		7	rialp	it No		
Hydro	ck			TP220 Page No. 1 of 1						
i iy di C	CIN					Pag	ge No	. 1 o	f 1	
Method: Trial	Pit			Date(s): 06/09/2022	Logged By: AA		Chec		<u> </u>	
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 448329.39, 213600.23	Stability: Unsta	able	Dime	nsion		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 66.61m OD	Plant: JCB 3C	X	0.60m			1:25
Sa	amples / Te	sts	Water-	Stratum Descri	iption		£.	Thickness (m)	- Q	pue
Depth (m)	Туре	Results	Strikes	Stiff brown slightly sandy slightly gravelly CLAY w	•	Gravel is angula	er e	E E	Level m OD	Legend
0.20	ES			to sub rounded fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)		o, avor lo angun	0.30	(0.30)	66.31	
				Stiff yellowish brown slightly sandy slightly gravell rounded fine to medium of flint. (RIVER TERRACE DEPOSITS)	ly CLAY. Gravel is su	ib angular to sub	) -		00.01	
0.70	D						-	(0.50)		
				Stiff orangish brown mottled with grey sandy sligh angular to sub rounded fine to coarse of flint and l		ravel is sub	0.80		65.81	
				(RIVER TERRACE DEPOSITS)			1 -			
1.20	В							(0.70)		
				Orangish brown sandy GRAVEL. Gravel is angula	ar to sub rounded fine	e to coarse of fli	1.50		65.11	
1.60	D			limestone with dark red staining. (RIVER TERRACE DEPOSITS)						
							-	(0.70)		
							2 -			
							2.20		64.41	
				Stiff grey mottled with orangish brown sandy SILT (KELLAWAYS SAND MEMBER)	. Sand is fine.		-			:
2.50	В							(0.40)		$\times \times $
2.50	В			Very stiff grey mottled with orangish brown thin lar	minated CLAY with r	eddish brown	2.60		64.01	$\times \times \times$
				staining. (KELLAWAYS CLAY MEMBER)						
2.90	HSV	77kPa					_	(0.50)		
3.10	D			At 3m bgl dark blue grey with occasional yello			3 -		63.51	
3.10	D			Base of Excavation at	t 3.10m					
							-			
							1			
							-			
							4 -			
							-			
							-			
							1			
							5 -			

General Remarks:
1) Excavation completed at 3.10m bgl 2) Sides stable throughout excavation 3) No groundwater encountered 4) Backfilled with arisings

				Project: Begbroke			rialpit	No		
Hydro	ck			, ,		-	TP2	21		
iyuio	CN					Pa	ge No.	1 of	1	
Method: Trial	Pit			Date(s): 05/09/2022 Lo	ogged By: AA		Check	ed B	y: C'	V
Client: Oxford	Universi	ty Developmer	nt	Co-ords: 447975.27, 213011.57	tability: Unsta	able	Dimen	sion 2.50m	s: S	cale:
Hydrock Proje	ct No: C	-19114-C		Ground Level: 67.16m OD PI	lant: JCB 3C	x	0.60m		1	1:25
Sa	amples / Tes	sts	Water-	Stratum Descripti	ion		€ =	Thickness (m)	le C	Legend
Depth (m)	Туре	Results	Strikes	Stiff (dry) brown slightly sandy slightly gravelly CLAY		tlets. Gravel is	Depth	ĔĒ	Level m OD	eg W/X/W/
0.20	ES			sub rounded fine to medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			0.30	(0.30)	66.86	
0.70	В			Stiff (dry) orangish brown slightly sandy slightly graving angular fine to medium of flint. (HEAD DEPOSITS)	elly CLAY. Gravel	is sub angular t	0			
0.70							1-	(1.00)		
				Orangish brown slightly gravelly SAND. Gravel is su	b rounded to sub a	angular fine to	1.30		65.86	
				medium of flint and quartz. (RIVER TERRACE DEPOSITS)			-	(0.60)		
1.70	D						-			
				Brownish grey gravelly SAND. Gravel is sub rounded	d to sub angular fi	ne to medium o	1.90		65.26	
				flint and quartz. (RIVER TERRACE DEPOSITS)			2 -	(0.40)		
2.20 - 2.23	В			Base of Excavation at 2.3	30m		2.30		64.86	
General Remarks 1) Excavation cor	s: mpleted at 2	2.30m bgl 2) Side	collapse fro	om 1.90m bgl 3) No groundwater encountered 4		arisings	3		64.86	

Logged in general accordance with BS5930:2015

				Project: Begbroke			rialpi			
Hydro	ck				-	ΓP2	22			
ilyarc	CIN					Pag	je No	. 1 of	1	
Method: Trial	Pit			Date(s): 09/09/2022	_ogged By: W	s (	Check	ed B	y: C	V
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 448371.12, 213242.91	Stability: Unsta	able	Dime	nsion 2.50m		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 62.69m OD	Plant: JCB 3C	Х	0.60m	2.0011		1:25
Sa	amples / Te	sts	Water-	Stratum Descrip	otion		_	Thickness (m)		pu
Depth (m)	Туре	Results	Strikes			0 1: 1	Dept	E E	Level m OD	Legend
0.15	ES			Stiff friable dark brown very sandy slightly gravelly to subrounded, fine to coarse of limestone and flint (AGRICULTURALLY DISTURBED TOPSOIL)		Gravel is angula	o.20	(0.20)	62.49	
				Stiff orangish brown very sandy CLAY. (RIVER TERRACE DEPOSITS)			-	(0.20)	02.10	
				Orangish brown clayey fine to medium SAND.			0.40		62.29	
0.60	В			(RIVER TERRACE DEPOSITS)			1			
	_						-			
							1			
							1 -			
							-			
							-	(1.70)		
1.40	D									
1.40	Ь						]			
							-			
				At 1.70m bgl: Occasional bands of very clayey	y sand.		1			
							]			
							2 -			
				Brown slightly clayey SAND with frequent bands of			2.10		60.59	
				GRAVEL. Gravel is subangular to rounded, fine to (RIVER TERRACE DEPOSITS)	medium of flint and	chalk.	1			
							-	(0.90)		
0.70	_						1	(0.00)		
2.70	В						1			
			•							
				Base of Excavation at 3	3.00m		3 3.00		59.69	775:17
							1			
							-			
							1			
							]			
							-			
							-			
							4 -			
							-			
							+			
							]			
							1			
							-			
							-			
General Remark	e·						5 -			

1) Excavation completed at 3.00m bgl due to collapse. 2) Groundwater encountered at 2.65m bgl. 3) Backfilled with arisings.

		=		Project: Begbroke			rialpi			
Hydro	ck						TP2			
				Data (a), 00/00/2022	annad Dru M		ge No.			.,
Method: Trial		t. Davalanna	_1		_ogged By: W		Check Dimer			v cale:
		ty Developme	11		Stability: Stabl		_	2.50m		1:25
Hydrock Proje	amples / Tes			Ground Level: 61.61m OD F	Plant: JCB 3C	^	0.60m	SS	_ _	
Depth (m)	Туре	Results	Water- Strikes	Stratum Descrip	ption		Depth	Thickness (m)	Level m OD	Legend
0.15	ES			Stiff friable dark brown slightly gravelly very sandy subrounded, fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			- 0.30	(0.30)	61.31	
0.60	D			Stiff friable brown slightly gravelly sandy CLAY. Grafine to coarse of flint. (ALLUVIUM)			- 0.90	(0.60)	60.71	
				Greyish brown and brown slightly clayey very grav- subrounded, fine to coarse of limestone and flint. (RIVER TERRACE DEPOSITS)	elly SAND. Gravel i	s angular to	1 -	(0.20)	00.54	
2.40	B		•	Greyish brown and brown SAND & GRAVEL. Grav coarse of limestone and flint. (RIVER TERRACE DEPOSITS)	rel is angular to subi	rounded, fine to	2 -	(1.50)	59.01	
				Base of Excavation at 2	2.80m		2.60		39.01	

General Remarks:

1) Excavtion completed at 2.60m bgl due to continued collapse. 2) Groundwater encountered at 2.10m bgl. 3) Backfilled with arisings.

				Project: Begbroke			Trialpi			
Hydro	ock .						TP2			
							ge No			
Method: Trial				· ,	Logged By: W		Check			
Client: Oxford	Universi	ty Developme	nt 	Co-ords: 448434.28, 213117.11	Stability: Stabl	е	Dimer	2.50m		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 61.80m OD	Plant: JCB 3C	X	0.60m			1:25
	amples / Tes		Water- Strikes	Stratum Descri	ption		bt.	Thickness (m)	oD on	Legend
Depth (m)	Туре	Results	Cuntoo	Dark brown and brown slightly gravelly clayey SAI	ND with rootlers. Gra	avel is subangul	lar	ΕE	Le	<u> </u>
				to rounded, fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			0.30	(0.30)	61.50	
0.50	ES B			Very stiff brown, light brown and orangish brown s subangular to subrounded, fine to coarse of flint a (ALLUVIUM)	andy slightly gravelly nd limestone.	y CLAY. Gravel	is	(0.90)		
							-			
				Brown slightly clayey very gravelly SAND. Gravel of flint, ironstone and limestone. (RIVER TERRACE DEPOSITS)	is angular to rounde	d, fine to coarse	-	(0.30)	60.60	
1.60	D			Brown very gravelly SAND. Gravel is angular to re ironstone and limestone. (RIVER TERRACE DEPOSITS)	ounded, fine to coars	e of flint,	1.50	(0.70)	60.30	
			_	Brown SAND & GRAVEL. Gravel is angular to rou and limestone. (RIVER TERRACE DEPOSITS)	inded, fine to coarse	of flint, ironstor	2.20 ne	(0.50)	59.60	
2.60	В			Base of Excavation at	2.70m		2.70		59.10	
General Remark		70m had dua A		llapse. 2) Groundwater encountered at 2.20m			3			

Logged in general accordance with BS5930:2015

l la valara				Project: Begbroke			Trialpit			
Hydro	CK						ge No.		1	
Method: Trial	Pit			Date(s): 05/09/2022	Logged By: A		Check			/
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 448048.64, 212681.25	Stability: Stabl	le	Dimen			cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 60.91m OD	Plant: JCB 3C	X	0.60m	2.50m		1:25
Sa	amples / Tes	sts	Water-	Stratum Descri	intion		ے ـ	Thickness (m)		pu.
Depth (m)	Туре	Results	Strikes	Stiff (dry) brown slightly sandy slightly gravelly CL		tlete Gravel is	Depth	E E	Level m OD	Legend
0.10	ES			sub rounded fine to medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			0.30	(0.30)	60.61	
				Stiff (dry) orangish brown slightly sandy slightly gr Gravel is angular to sub angular fine to coarse of (ALLUVIUM)	ravelly CLAY with da flint.	rk red staining.	-			
0.70	В			From 0.90m bgl becoming mottled grey.			1 -	(0.80)		
				Soft greyish brown very sandy CLAY.			1.10		59.81	
1.30	D		_	(ALLUVIUM)			1.40	(0.30)	59.51	
				Greyish brown sandy rounded to sub angular fine (RIVER TERRACE DEPOSITS)	to coarse of flint GR	RAVEL.	-	(0.60)		
1.90	В						2.00		58.91	
				Base of Excavation at	t 2.00m					
							-			
							3 -			
							-			
							-			
							4 -			
							5 -			
General Remarks	٥.									

1) Excavation completed at 2.00m bgl 2) Sides collapse from 1.40m bgl 3) Groundwater encountered at 1.40m bgl 4) Backfilled with arisings

				Project: Begbroke			Trialpi			
Hydro	ock"					•	TP2	26		
i i y di c						Pa	ge No	. 1 of	1	
Method: Trial	Pit			Date(s): 05/09/2022	Logged By: AA		Check			
Client: Oxford	Universi	ity Developme	nt	Co-ords: 448078.07, 212771.36	Stability: Stab	le	Dimer	nsion <sup>2.50m</sup>		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 61.55m OD	Plant: JCB 3C	X	0.60m			1:25
Sa	amples / Tes	sts	Water-	Stratum Descri	ption		€ =	Thickness (m)	- Q	Legend
Depth (m)	Туре	Results	Strikes	Stiff (dry) brown slightly sandy slightly gravelly CL.		tlets Gravel is	Depth	ĔĒ	Level m OD	eg W/////
0.20	ES			sub rounded fine to medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)		. Garan	0.35	(0.35)	61.20	
				Stiff (dry) orangish brown slightly sandy slightly gr Gravel is angular to sub rounded fine to medium of (ALLUVIUM)		rk red staining.		(0.55)		
0.80	D						0.90		60.65	
				Stiff grey slightly gravelly CLAY with dark red stair course of flint. (ALLUVIUM)	ning. Gravel is sub a	ngular fine to	1 -		00.03	
1.40 1.40	B HSV	kPa						(0.90)		
0.40				Soft grey and orangish brown sandy slightly grave to course of limestone and rare cobbles of sub an (ALLUVIUM)		sub rounded find	1.80 e		59.75	
2.10 2.10	D HSV	11kPa						(1.00)		
			_				2.80		58.75	
				Greyish brown sandy GRAVEL. Gravel is rounded quartz and limestone.	l to sub angular fine	to course of flin	t -			
3.00	D			(RIVER TERRACE DEPOSITS)			3 -	(0.30)	58.45	
				Base of Excavation at	3.10m		3.10		30.43	
							4 -			
							4 7			
							-			
							-			
							-			
							5 -			

General Remarks:

1) Excavation completed at 3.10m bgl 2) Sides stable throughout excavation 3) Groundwater encountered at 2.80m bgl 4) Backfilled with arisings

				Project: Begbroke		-	Trialpi	t No		
Hydro	ck"			TP:				27		
riyarc	CK					Pa	ge No	. 1 of	1	
Method: Trial	Pit			Date(s): 05/09/2022	Logged By: AA	4	Check	ed B	y: C	V
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 448227.15, 212898.83	Stability: Unsta	able	Dimer	nsion 2.50m	- 1	cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 63.98m OD	Plant: JCB 3C	Х	0.60m	2.5011		1:25
Sa	amples / Tes	sts	Water-	Stratum Descri	intion		_	Thickness (m)		Ъ
Depth (m)	Туре	Results	Strikes	Stiff (dry) brown slightly sandy slightly gravelly CL		tlata Cravalia	Depth	E Hig	Level m OD	Legend
0.20	ES			angular to sub rounded fine to course of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			0.30	(0.30)	63.68	
				Stiff (dry) brown slightly sandy slightly gravelly CL fine to coarse of flint. (HEAD DEPOSITS)	.AY. Gravel is angula	r to sub rounde	d -			
0.70	В							(0.90)		
1.30	D			Dark grey clayey slightly gravelly SAND. Gravel is coarse of flint and limestone.	s angular to sub roun	nded fine to	1.20		62.78	
1.30	U 			(RIVER TERRACE DEPOSITS)				(0.80)		
2.20	В		•	Grey brown SAND and GRAVEL. Gravel is sub ar and limestone. (RIVER TERRACE DEPOSITS)		e to coarse of fl	2.20 int 2.20	(0.20)	61.78	
							-			
							-			
							3 -			
							-			
							-			
							4 -			
							5 -			

General Remarks:
1) Excavation completed at 2.20m bgl 2) Side collapse from 1.90m bgl on south east wall of pit 3) Groundwater encountered at 2.10m bgl 4) Backfilled with arisings

Hydrock Project: Begbroke												
Hydro	ck							(0.90)    1.20   59.51   1.90   58.81				
Method: Trial				Date(s): 05/09/2022	Logged By: AA						<b>/</b>	
		ty Developme	nt		Stability: Stabl			nen	sions			
	ect No: C	-19114-C		Ground Level: 60.71m OD	Plant: JCB 3C	X	0.60		2.50m	] .	1:25	
Sa	amples / Tes	sts	Water-	Stratum Descri	intion			ر .	ness		pu	
Depth (m)	Туре	Results	Strikes	Stiff (dry) brown slightly sandy slightly gravelly CL		gular to rounde	d	Dept	(m)	Leve m OE	Lege	
0.20	ES			fine to medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			-	0.30	(0.30)	60.41		
0.00.070				Stiff grey and orangish brown slightly sandy slight sub angular fine to course of flint.  (ALLUVIUM)	tly gravelly CLAY. Gr	avel is angular t	io - -					
0.60 - 0.70 0.65	B HSV	73kPa					- - -		(0.90)			
				Consists because and a CDAVEL Const. in sub-sec	and a second of Go	4	1 -	1.20		59.51		
			•	Greyish brown sandy GRAVEL. Gravel is sub and and limestone. (RIVER TERRACE DEPOSITS)	gular to rounded fine	to coarse of flin	t - -					
1.70	D						-		(0.70)			
				Base of Excavation at	t 1.90m		2 -	1.90		58.81		
							-					
							-					
							3 -					
							-					
							-					
							- - 4 -					
							-					
							-					
							- - -					
General Remarks							5 -					

1) Excavation completed at 1.90m bgl 2) Sides collapse from 1.40m bgl 3) Groundwater encountered at 1.50m bgl 4) Backfilled with arisings

			Project: Begbroke					No		
Hydro	ck	•					TP2			
Method: Trial				Date(s): 05/09/2022	 _ogged By: AA		ge No. Check			,
		ty Developme	nt		Stability: Unsta		Dimer			v cale:
Hydrock Proje		•	111		Plant: JCB 3C	4510	0.60m	2.50m		1:25
	amples / Te		10/-1	Glouild Level. 01.32111 OD	- Iani. JOB 30	^	0.00111	SS	_ _	-
Depth (m)	Туре	Results	Water- Strikes	Stratum Descrip	otion		Depth	Thickness (m)	Level m OD	Legend
0.20	ES			Stiff (dry) brown slightly sandy slightly gravelly CLA sub rounded fine to medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)	AY with frequent roo	tlets. Gravel is	-	(0.40)		=
0.70	D			Stiff (dry) dark brown mottled with orangish brown with occasional rootlets. Gravel is sub rounded to a (ALLUVIUM)  At 0.50m bgl possible land drain, pit moved ba	angular fine to medi		Y 1.00	(0.60)	60.92	
1.20	В			Light grey gravelly SAND. Gravel is sub angular to and limestone. (RIVER TERRACE DEPOSITS)	rounded fine to coa	arse of flint quai	tz 1 1.00	(0.60)	60.32	
2.00	D		•	Brownish grey SAND and GRAVEL. Gravel is sub- flint quartz and limestone. (RIVER TERRACE DEPOSITS)			1.60	(0.40)	59.72	
				Dase of Excavation at a	2.0011		3-			

General Remarks:

1) Excavation completed at 2.00m bgl 2) Side collapse from 1.30 to 2.00m bgl 3) Groundwater encountered at 1.80m bgl 4) Backfilled with arisings 5) Possible land drain at 0.50m bgl pit moved back.

i Toject. Degatoke						rialpi				
Hvdro	ck"					•	TP2	30		
							ge No	. 1 of	1	
Method: Trial	Pit				Logged By: AA		Check			
Client: Oxford	Universi	ty Developme	nt	Co-ords: 448885.52, 213149.34	Stability: Stabl	е	Dimer	nsion: 2.50m		cale:
Hydrock Proje	ect No: C-	-19114-C		Ground Level: 61.10m OD	Plant: JCB 3C	X	0.60m	1		1:25
Depth (m)	Type	Results	Water- Strikes	Stratum Descri	iption		Depth	Thickness (m)	Level m OD	Legend
0.20	ES			Very stiff brown slightly sandy slightly gravelly CL subangular to subrounded, fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			0.30	(0.30)	60.80	
0.60	ES			Stiff grey and orange brown slightly sandy slightly rootlets, pockets of dark red staining and pockets subrounded, fine to medium of flint. (ALLUVIUM)			to -	(0.50)	60.30	
1.00	D			Grey SAND & GRAVEL. Gravel is angular to subr limestone. (ALLUVIUM)	rounded, fine to coar	se of flint and	1 -	(0.40)	59.90	
			•	Grey slightly gravelly SAND. Gravel is subangular and limestone. (ALLUVIUM)	r to subrounded, fine	to coarse of flir		(0.30)	59.60	
				Grey SAND & GRAVEL. Gravel is angular to subrilimestone. (ALLUVIUM)	rounded, fine to coar	se of flint and	2 -	(0.65)		
2.20	D			Soft grey slightly sandy slightly gravelly SILT. Gra coarse of flint. (ALLUVIUM)  Base of Excavation at	-	angular, fine to	2.15	(0.05)	58.95	X X X

General Remarks:
1) Excavation completed at 2.20m bgl due to collapse to 1.40m bgl. 2) Groundwater encountered at 1.40m bgl 3) Backfilled with arisings.

	, II;	-		Project: Begbroke			rialpit TP2			
Hydro	ck						ge No.		1	
Method: Trial	Pit			Date(s): 07/09/2022	Logged By: AA	1	Check			$\overline{}$
Client: Oxford	Universit	ty Developme	nt		Stability: Stabl		Dimer	sion		cale:
Hydrock Proje		•			Plant: JCB 3C		0.60m	2.50m	╗ .	1:25
	amples / Tes		Water-	Objective December				ssau		
Depth (m)	Туре	Results	Strikes	Stratum Descr			Depth	Thickness (m)	Level m OD	Legend
0.20	ES			Very stiff (dry) brown slightly sandy slightly gravel is sub angular to rounded fine to medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)	lly CLAY with frequen	nt rootlets. Grav	el	(0.30)	60.43	
				Stiff (dry) orangish brown slightly sandy slightly grounded fine to coarse of flint.  (ALLUVIUM)	ravelly CLAY. Gravel	is sub angular t	0 -	(0.50)		
0.60	D			Grey yellowish brown slightly gravelly SAND. Gra	avel is angular to sub	rounded fine to	0.80	, ,	59.93	
1.10	В			coarse of flint and limestone. (RIVER TERRACE DEPOSITS)	iver is angular to sub	Tourided line to	1 -	(0.50)		
					Grey sandy GRAVEL. Gravel is angular to sub rounded fine to coarse of flint and					
			•	Grey sandy GRAVEL. Gravel is angular to sub rollimestone. (RIVER TERRACE DEPOSITS)	unded fine to coarse	of flint and	1.30	(0.80)	59.43	
2.10	D			Base of Excavation a	t 2.10m		3 -			
							4 -			
General Remarks	S:						- - - 5 –			

1) Excavation completed at 2.10m bgl 2) Side collapse at 1.60m bgl with running sands 3) Groundwater encountered at 1.60m bgl 4) Backfilled with arisings

ock "			Project: Begbroke						
				•	TP2	32			
CIN					Pa	ge No	. 1 of	1	
l Pit			Date(s): 07/09/2022	Logged By: AA	4	Check	ed B	y: C	V
d Universi	ty Developme	nt	Co-ords: 449151.45, 212990.46	Stability: Stabl	е	Dime			cale:
ect No: C	-19114-C		Ground Level: 60.72m OD	Plant: JCB 3C	х	0.60m [	2.0011		1:25
amples / Tes	sts	Water-	Stratum Descri	intion		ے	kness		pu
Туре	Results	Strikes			t rootlets Grave	Dept	E E	Leve m O	Legend
ES			is angular to sub angular fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)				(0.30)	60.42	
В							(0.40)		
HSV	17kPa	_	angular to sub rounded fine to coarse of flint limes (ALLUVIUM)	stone with dark red s	taining.	0.90	(0.20)	60.02 59.82	
D					er is sub arigura	1 -	(0.60)		
B HSV	57kPa		Firm to stiff dark blueish grey CLAY. (OXFORD CLAY FORMATION)			1.50	(0.40)	59.22	
			Base of Excavation at	1.1.90m		3		58.82	
	d Universite to No: Comples / Test	d University Developme ect No: C-19114-C samples / Tests  Type Results  ES  B  HSV 17kPa  D	d University Development ect No: C-19114-C samples / Tests Water- Strikes  ES  B  HSV 17kPa  D	Date(s): 07/09/2022  d University Development  co-ords: 449151.45, 212990.46  ect No: C-19114-C  damples / Tests  Type Results  Water-Strikes  Very stiff dark brown slightly sandy slightly gravel is angular to sub angular fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)  Stiff orangish brown mottled with grey slightly sar sub angular to sub rounded fine to medium of lim occasional shells. (ALLUVIUM)  Soft grey mottled with orangish brown sandy slightly angular to sub rounded fine to coarse of flint lime (ALLUVIUM)  Grey mottled with orangish brown clayey slightly to sub rounded fine to coarse of flint and limestor (RIVER TERRACE DEPOSITS)  Firm to stiff dark blueish grey CLAY. (OXFORD CLAY FORMATION)	Date(s): 07/09/2022 Logged By: AA d University Development Co-ords: 449151.45, 212990.46 Stability: Stabl ect No: C-19114-C Ground Level: 60.72m OD Plant: JCB 3C samples / Tests Vater- Strikes  Very stiff dark brown slightly sandy slightly gravelly CLAY with frequen is angular to sub angular fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)  Stiff orangish brown mottled with grey slightly sandy slightly gravelly C sub angular to sub rounded fine to medium of limestone with dark red occasional shells. (ALLUVIUM)  Soft grey mottled with orangish brown sandy slightly gravelly CLAY. G angular to sub rounded fine to coarse of flint limestone with dark red (ALLUVIUM)  Grey mottled with orangish brown clayey slightly gravelly SAND. Grav to sub rounded fine to coarse of flint and limestone. (RIVER TERRACE DEPOSITS)  Firm to stiff dark blueish grey CLAY. (OXFORD CLAY FORMATION)	Date(s): 07/09/2022 Logged By: AA  d University Development Co-ords: 449151.45, 212990.46 Stability: Stable  ect No: C-19114-C Ground Level: 60.72m OD Plant: JCB 3CX  samples / Tests Stratum Description  Water-Strikes Stratum Description  Very stiff dark brown slightly sandy slightly gravelly CLAY with frequent rootlets. Grave is angular to sub angular fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)  Stiff orangish brown mottled with grey slightly sandy slightly gravelly CLAY. Gravel is sub angular to sub rounded fine to medium of limestone with dark red staining and occasional shells. (ALLUVIUM)  Soft grey mottled with orangish brown sandy slightly gravelly CLAY. Gravel is sub angular to sub rounded fine to coarse of flint limestone with dark red staining. (ALLUVIUM)  Grey mottled with orangish brown clayey slightly gravelly SAND. Gravel is sub angular to sub rounded fine to coarse of flint limestone. (RIVER TERRACE DEPOSITS)  Firm to stiff dark blueish grey CLAY. (OXFORD CLAY FORMATION)	Date(s): 07/09/2022 Logged By: AA Check di University Development Co-ords: 449151.45, 212990.46 Stability: Stable Dimer ect No: C-19114-C Ground Level: 60.72m OD Plant: JCB 3CX 0.60m Famples / Tests Strikes Stratum Description Stratum Description Very stiff dark brown slightly sandy slightly gravelly CLAY with frequent rootlets. Gravel is angular to sub angular fine to coarse of film: (AGRICULTURALLY DISTURBED TOPSOIL.)  By HSV 17kPa Soft grey mottled with orangish brown sandy slightly gravelly CLAY. Gravel is sub angular to sub rounded fine to medium of limestone with dark red staining and coasional shelic (ALLUVIUM)  Soft grey mottled with orangish brown sandy slightly gravelly CLAY. Gravel is sub angular to sub rounded fine to coarse of film timestone with dark red staining. (ALLUVIUM)  Grey mottled with orangish brown sandy slightly gravelly SAND. Gravel is sub angular to sub rounded fine to coarse of film timestone with dark red staining. (ALLUVIUM)  Firm to stiff dark blueish grey CLAY. (OXFORD CLAY FORMATION)  Firm to stiff dark blueish grey CLAY. (OXFORD CLAY FORMATION)	Date(s): 07/09/2022   Logged By: AA   Checked B d University Development   Co-ords: 449151.45, 212990.46   Stability: Stable   Dimension   Co-ords: 449151.45, 212990.46   Dimension   Co-	Date(s): 07/09/2022 Logged By: AA Checked By: Cd University Development Co-ords: 449151.45, 212990.46 Stability: Stable Dimensions: Section Co-ords: 449151.45, 212990.46 Stability: Stability: Stability: Stability: Stability: Stability: Stability: Stability: Stability: Stability

General Remarks:
1) Excavation completed at 1.90m bgl 2) Side collapse at 2.00m bgl with running sands 3) Groundwater encountered at 0.70m bgl 4) Backfilled with arisings

l la calaca				TP			Trialpit	oit No 233			
Hydro	CK					Pa	ige No.		1		
Method: Trial	Pit			Date(s): 07/09/2022	Logged By: A		Check			V	
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 448968.63, 212654.79	Stability: Sligh	t Spalling	Dimer	sion 2.50m		cale:	
Hydrock Proje	ect No: C	-19114-C		Ground Level: 60.40m OD	Plant: JCB 3C	X	0.60m	2.50111		1:25	
	amples / Tes		Water- Strikes	Stratum Descr	ription		pth	Thickness (m)	Level m OD	Legend	
Depth (m)	Туре	Results	Ottikes	Very stiff brown slightly sandy slightly gravelly CL/	AY with frequent root	tlets. Gravel is	Depth	ĒĒ	m (	Ě	
0.20	ES			angular to sub angular fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)			-	(0.30)			
				Firm yellowish brown mottled with grey slightly sa sub angular fine to coarse of flint.	andy slightly gravelly	CLAY. Gravel i	0.30 S		60.10		
0.50	D			(ALLUVIUM)				(0.50)			
							-	(* * * * )			
				Grey SAND and GRAVEL. Gravel is sub angular	to rounded fine to co	parse of flint	0.80		59.60		
				limestone and quartz. (RIVER TERRACE DEPOSITS)			1 -				
							-				
							-				
1.40	D		•	From 1.54m bgl pockets of sand.			-	(1.30)			
						_					
							-				
							2 -				
2.10	В			Base of Excavation a	ut 2.10m		2.10		58.30		
							-				
							-				
							-				
							-				
							-				
							3 -				
							-				
							-				
							-				
							-				
							-				
							4 -				
							-				
							-				
							5 -				
Canaral Pamark	<u>.                                    </u>										

General Remarks:
1) Excavation completed at 2.10m bgl 2) Side collapse at 1.50m bgl with running sands 3) Groundwater encountered at 1.50m bgl 4) Backfilled with arisings

				Project: Begbroke			Trialp			
Hydro	ck						TP2		· 4	
Method: Trial				Date(s): 07/09/2022	Logged By: AA		ge No Check			<del></del>
		ty Developme			Stability: Stabl		Dime			v Scale:
		•	· · · · · · · · · · · · · · · · · · ·		•			2.50m		1:25
Hydrock Proje	amples / Tes		T	Ground Level: 59.92m OD	Plant: JCB 3C	X	0.60m			
Depth (m)	Type	Results	Water- Strikes	Stratum Descr		" to Cravelia	Depth	Thickness (m)	Level m OD	Legend
0.20	ES			Very stiff brown slightly sandy slightly gravelly CL angular to sub angular fine to coarse of flint. (AGRICULTURALLY DISTURBED TOPSOIL)		llets. Gravei is	0.30	(0.30)	59.62	
	ı			Firm grey mottled with yellowish brown sandy CL (ALLUVIUM)	AY.		-	(0.40)		
0.70 - 0.90	В			Land drain at 0.60m bgl.	' Jadéna ta sa	-£40at aug	0.70		59.22	
3.73				Grey SAND and GRAVEL. Gravel is angular to su and limestone. (ALLUVIUM)	ub rounded fine to co	arse of flint qua	1 -	(1.20)		
1.70	D		•	From 1.60m bgl pockets of grey sand.			-			
1.90 2.00	HSV D	55kPa		Firm to stiff grey slightly gravelly silty CLAY. Grave flint and limestone.	el is sub angular med	dium to coarse o	of 2.00	(0.10)	58.02 57.92	
				`. (ALLUVIUM)  Base of Excavation a	ut 2.00m		/			
							3 -			
Canaral Bamark							5 -	$\perp$		L
General Remarks  1) Excavation co		2.00m bgl 2) Side	collapse at	1.20m bgl 3) Groundwater encountered at 1.	.70m bgl 4) Backfil	led with arisir	ngs			

Logged in general accordance with BS5930:2015

				Project: Begbroke			Trialpi TP3			
Hydro	)CK						ge No.		· 1	
Method: Trial	l Pit			Date(s): 31/01/2023	Logged By: Co		Check			Т
Client: Oxford	J Universi	ity Developmer	nt	Co-ords: 448360.91, 213377.67	Stability: Unsta	able	Dimer			Scale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 62.88m OD	Plant: JCB 3-0	CX	0.60m	2.00m		1:25
Sa	amples / Tes	sts	Water-	Stratum Descri	rintion		£_	Thickness (m)		pus
Depth (m)	Туре	Results	Strikes	Dark brown organic slightly gravelly clayey SAND		to sub-angular	Dept	Thic (m)	Level m OD	Legend
0.20	ES			fine of flint and quartz, with occasional limestone. (AGRICULTURALLY DISTURED TOPSOIL)		lu sup-angalai	0.35	(0.35)	62.53	
0.80 - 1.00	В			Light brown very clayey SAND with frequent pock firm sandy clay. (ALLUVIUM)	ets (up to 160mm di	ameter) of soft to	0.35		62.55	
1.20	ES						1 -	(1.55)		
			•							
2.10 - 2.40	В		_	Grey mottled brown clayey gravelly SAND. Grave medium of limestone, quartz and flint. (ALLUVIUM) Soft light brown slightly silty sandy CLAY.	I is rounded to sub-a	angular fine to	2 - 2.10	(0.20)	60.98	
2.20	HSV	40kPa		(ALLUVIUM)			-	(0.35)		×_×_ ×_ × ×_ ×
2.60 - 2.70	В			Yellowish brown sandy rounded to sub-angular fin and sandstone GRAVEL. (RIVER TERRACE DEPOSITS)		tone, quartz, flin	2.45 nt	(0.25)	60.43	
				Base of Excavation at	:2.70m		3 -			
							4 -			

- General Remarks:

  1. Trial pit terminated at 2.70m bgl.

  2. Trial pit walls show minor instability during excavation between 1.75m to 2.50m.

  3. Trial pit walls did not collapse during the period the excavation remained open (15 mins)

Groundwater: Minor inflow of groundwater encountered at 1.40m. Moderate inflow of groundwater encountered at 1.95m.

				Project: Begbroke			Trial				
Hydro	ck						TP				
							ge N				
Method: Trial					Logged By: Co		Che				T cale:
		ty Developme	nt ———		Stability: Unsta			_ 2	2.00m		1:25
Hydrock Proje				Ground Level: 61.93m OD	Plant: JCB 3-0	CX	0.60m		ο		1.25
Depth (m)	Type	Results	Water- Strikes	Stratum Descr	ription		dath	mbgl	hicknes m)	Level m OD	Legend
0.20	ES			Dark brown organic slightly gravelly clayey SAND fine of flint and quartz, with occasional limestone. (AGRICULTURALLY DISTURED TOPSOIL)  Light brown very clayey SAND with frequent pock to firm sandy clay. (ALLUVIUM)		-	-		(0.34)	61.59	
0.80 - 1.00	B		_				1 -	(	(1.16)		
1.60 - 1.70	В			Yellowish brown sandy rounded to sub-angular finand sandstone GRAVEL. (RIVER TERRACE DEPOSITS)  Base of Excavation a		tone, quartz, flir	nt -	.70	(0.20)	60.43	
							3-				

- General Remarks:

  1. Trial pit terminated at 1.70m bgl

  2. Trial pit walls showed high instability from 0.5m to 1.70m Trial pit collapsed to 1.30m depth from 1.70m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 1.70m depth.

Hydro	ck			Project: Begbroke			rialpi TP3			
ilyuic	CK					Pa	ge No	. 1 of	1	
Method: Trial	Pit			Date(s): 02/02/2023	ogged By: C0		Check			
Client: Oxford	Universi	ty Developme	nt	Co-ords: 448482.86, 213384.09 Si	tability: Unsta	able	Dime	nsion: 2.00m		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 61.61m OD	lant: JCB 3-C	×	0.60m		_	1:25
Depth (m)	amples / Tes	Results	Water- Strikes	Stratum Descript	tion		Depth	Thickness (m)	Level m OD	Legend
0.10	ES			Light brown organic slightly gravelly clayey SAND. ( fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)	Gravel is rounded t	o sub-angular		(0.25)		
0.30 - 0.60	В			Soft to firm light orange brown very sandy CLAY with diameter) of clayey sand. (ALLUVIUM)			0.80	(0.55)	61.36	
0.80 - 1.20	В		•	Yellowish brown sandy rounded to sub-angular fine and sandstone GRAVEL. (RIVER TERRACE DEPOSITS)	to coarse of limest	one, quartz, flin	1 -	(0.90)		
				Base of Excavation at 1.1	70m		3 -		59.91	

- General Remarks:

  1. Trial pit terminated at 1.70m bgl.

  2. Trial pit walls showed high instability from 0.80m to 1.70m Trial pit collapsed to 1.40m depth.

  3. Constant collapse of pit walls prevented excavation advancing beyond 1.70m depth.

ء ما المرياط	ا			Project: Begbroke		rnaipi TP3				
Hydro	CK						ge No		· 1	
Method: Tria	l Pit			Date(s): 31/01/2023	Logged By: Co	С	Check	ed B	y: N	Т
Client: Oxford	d Universi	ty Developme	nt	Co-ords: 448360.51, 213311.58	Stability: Unsta	able	Dimer	nsion 2.00m		cale:
Hydrock Proj	ect No: C	-19114-C		Ground Level: 62.40m OD	Plant: JCB 3-0	CX	0.60m			1:25
Depth (m)	amples / Te	Results	Water- Strikes	Stratum Des	scription		Depth	Thickness (m)	Level m OD	Legend
0.20 - 1.20	ES			Light brown organic slightly gravelly clayey SA fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)		-	0.30	(0.30)	62.10	
0.60 - 0.80	В			Light orange brown very clayey SAND with free of soft sandy clay. (ALLUVIUM)	quent pockets (up to 22	20mm in diamet	er)    -  -			
0.80	ES							(0.80)		
1.30 - 1.50	В		•	Dark grey and brown very clayey SAND with fr diameter) of soft sandy clay. (ALLUVIUM)	equent pockets (up to 1	180mm in	1 - 1.10		61.30	
							2 -	(1.20)		
2.40 - 2.50	В			Yellowish brown sandy rounded to sub-angular and sandstone GRAVEL. (RIVER TERRACE DEPOSITS)		tone, quartz, flir	2.30 nt	(0.20)	60.10 59.90	
				Base of Excavation	n at 2.50m		3 -			

- General Remarks:

  1. Trial pit terminated at 2.50m bgl .

  2. Trial pit walls showed high instability from 1.10m to 2.50m Trial pit collapsed to 1.70m depth from 2.50m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 2.50m depth.

LI	الا			Project: Begbroke		TP				
Hydro	CK						ige No			
Method: Trial	Pit			Date(s): 31/01/2023	Logged By: Co		Chec	ked	Зу: N	Т
Client: Oxford	Universi	ty Developme	nt	Co-ords: 448431.09, 213314.69	Stability: Unsta	able	Dime	nsio 2.00	m	Scale:
Hydrock Proje	ct No: C	-19114-C		Ground Level: 61.70m OD	Plant: JCB 3-0	CX	0.60m			1:25
Sa Depth (m)	mples / Tes	Results	Water- Strikes	Stratum Descr	ription		Depth	nbgl Thickness	Level m OD	Legend
0.20	В			Light brown organic slightly gravelly clayey SANI fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)  Light orange brown very clayey SAND with frequ		-	0.2	(0.28		3
0.40 - 0.60	В		<b>▼</b>	of soft sandy clay. (ALLUVIUM)			0.8	(0.57	60.8	
1.00 - 1.40	B			Yellowish brown sandy rounded to sub-angular fi and sandstone GRAVEL. (RIVER TERRACE DEPOSITS)	ne to coarse of limes	tone, quartz, fli	nt .	(0.58	60.3	
							2			

- General Remarks:

  1. Trial pit terminated at 1.40m bgl.

  2. Trial pit walls showed high instability from ground level to 1.40m Trial pit collapsed to 1.0m depth from 1.40m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 1.40m depth.

Groundwater: Minor inflow of groundwater encountered at 0.65m depth. High inflow of groundwater encountered at 1.40m.

	Project: Begbroke Trial TP						Trialpi			
Hydro	ck								1	
Method: Trial				Date(s): 02/02/2023	Logged By: Co	1	Check			Т
		ty Developme	nt		Stability: Unsta		Dimer	sion		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 61.50m OD	Plant: JCB 3-0	CX	0.60m	2.00m		1:25
Sa	amples / Te	sts	Water-	Stratum Descri	iption		£ =	Thickness (m)	- Q	Legend
Depth (m)	Туре	Results	Strikes	Light brown organic slightly gravelly clayey SAND		to sub-angular	Dep	i E E	Level m OD	Leg
				fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)			-	(0.25)	04.05	
				Firm light brown sandy CLAY with occasional poc clayey sand.	kets (up to 150mm i	n diameter) of	0.25		61.25	
0.50	ES			(AĽLŮVIUM)			-	(0.45)		
0.50 0.60 - 0.80	HSV B	65kPa					0.70		60.80	
				Light brown very clayey SAND with occasional posandy clay.	ockets (up to 130mm	in diameter) of	-	(0.30)		
1.00 - 1.20	В			(ALLUVIUM)			1.00	(0.00)	60.50	
				Yellowish brown sandy rounded to sub-angular fir and sandstone GRAVEL. (RIVER TERRACE DEPOSITS)	ne to coarse of limes	tone, quartz, flir	it -			
							-	(0.60)		
1.50	ES		_				-			
1.50	ES			Base of Excavation a	t 1.60m		1.60		59.90	
							_			
							2 -			
							-			
							-			
							-			
							-			
							3 -			
							-			
							-			
							-			
							4 -			
							-			
							1			
							-			
							-			

- General Remarks:

  1. Trial pit terminated at 2.40m bgl.

  2. Trial pit walls showed high instability from ground level to 1.60m Trial pit collapsed to from ground surface to 1.20m depth from 1.60m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 1.60m depth.

				Project: Begbroke Trialpit No						
Hydro	ck					•	TP3	07		
				1			ge No.			
Method: Trial					Logged By: Co		Check			
		ty Developme	nt		Stability: Unsta	abio	Dimen	sion: 2.00m		cale:
Hydrock Proje				Ground Level: 61.54m OD	Plant: JCB 3-0	CX	0.60m			1:25
	amples / Tes		Water- Strikes	Stratum Descri	ption		pth g	Thickness (m)	Level m OD	Legend
Depth (m)	Туре	Results	Cumos	Dark brown organic slightly gravelly clayey SAND fine of flint and quartz, with occasional limestone. (AGRICULTURALLY DISTURED TOPSOIL)	. Gravel is rounded t	o sub-angular	- De	(0.23)	я Ге	lei lei
0.30 - 0.50 0.50	B HSV	55kPa		Firm light brown sandy CLAY with occasional pool clayey sand. (ALLUVIUM)	kets (up to 190mm ir	n diameter) of	-0.23	(0.37)	61.31	
				Light brown clayey SAND with occasional pockets clay. (ALLUVIUM)	s (up to 140mm in dia	ameter) of sand	0.60 y	(0.40)	60.94	
1.20 - 1.50	В		•	Light grey and yellowish brown sandy GRAVEL. G to coarse of limestone, quartz, flint, mudstone san (ALLUVIUM)	Gravel is rounded to a distone.	sub-angular fine	1.00	(0.60)	60.54	
				Soft dark brown sandy CLAY/SILT with occasional (ALLUVIUM)	l sub vertical fine to	medium rootlets	1.60		59.94	× ×
2.20 - 2.40	В						2 -	(0.80)		× × × × × × × × × × × × × × × × × × ×
2.20 - 2.40				Base of Excavation at	2.40m		3 -		59.14	x x x

- General Remarks:

  1. Trial pit terminated at 2.40m bgl.

  2. Trial pit walls showed high instability from 0.60m to 2.40m Trial pit collapsed to 1.70m depth from 2.40m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 1.60m depth. 5. Groundwater level in trial pit measured at 1.2m after 10 minutes.

				Project: Begbroke			Trialpi			
Hydro	ck						TP3	80		
							ge No			
Method: Trial					Logged By: Co		Check			
Client: Oxford	d Universi	ty Developme	nt	Co-ords: 448567.49, 213329.83	Stability: Unsta	able	Dimer	nsion <sup>2.00m</sup>		i
Hydrock Proje	ect No: C	-19114-C		Ground Level: 61.50m OD	Plant: JCB 3-0	CX	0.60m		][	1:25
	amples / Te		Water- Strikes	Stratum Descr	ription		동급	Thickness (m)	D G	Legend
Depth (m)	Туре	Results	Suikes	Dark brown organic slightly gravelly very clayey S	SAND. Gravel is roun	ided to sub-	Depth	ĒĒ	Level m OD	
				angular fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)			-0.22	(0.22)	61.28	
0.30 - 0.50	В			Firm light brown sandy CLAY with occasional pocclayey sand.	ckets (up to 170mm i	n diameter) of	-			
0.50	HSV	55kPa		(AĽLŮVIUM)			-	(0.48)		===
0.50	поч	ээкга					]			
0.00 4.40				Light grey and yellowish brown sandy rounded to limestone, quartz, flint, mudstone sandstone. GR.	sub-angular fine to	coarse of	0.70		60.80	
0.80 - 1.10	В			(ALLUVIUM)	AVEL.			(0.50)		
							1 -	(0.50)		
				Firm to stiff light brown mottled grey brown slightl	y condy clightly grov	olly CLAV Croy	1.20		60.30	
1.30 - 1.70	В			is rounded to sub-rounded fine to medium of muc (GLACIAL WASHOUT TILL?)			-			
1.50	HSV	90kPa		(42.62				(0.60)		
							-			
							1.80		59.70	
				Light grey and yellowish brown slightly sandy rou quartz, flint, mudstone sandston GRAVEL. (RIVER TERRACE DEPOSITS)	inded fine to coarse o	of limestone,	-			
				(RIVER TERRACE DEPOSITS)			2 -			
2.20 - 2.40	В						-	(0.70)		
				Base of Excavation a	at 2.50m		2.50		59.00	
							-			
							]			
							-			
							3 -			
							-			
							-			
							-			
							4 -			
							-			
							1			
							-			
							-			

- General Remarks:

  1. Trial pit terminated at 2.50m bgl.

  2. Trial pit walls showed moderate instability from 1.20m to 2.50m Trial pit collapsed to 2.30m depth from 2.50m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 2.50m depth.

l I a a al ca				Project: Begbroke			TP3			
Hydro	OCK						ge No.		1	
Method: Tria	l Pit			Date(s): 06/02/2023	Logged By: Co		Check			Т
Client: Oxford	d Universi	ty Developme	nt	Co-ords: 448629.85, 213343.06	Stability: Unsta	able	Dimen		s: S	cale:
Hydrock Proj	ect No: C	-19114-C		Ground Level: 61.41m OD	Plant: JCB 3-0	CX	0.60m	2.00m	] ′	1:25
S	amples / Te	sts	Water-	Stratum Des	cription		£ -F	Thickness (m)	- Q	Legend
Depth (m)	Туре	Results	Strikes	Dark brown organic slightly gravelly very clayey	•	ided to sub-	Depth	Thic	Level m OD	Leg
0.10	ES			angular fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)  Firm light brown sandy CLAY with occasional p.			0.20	(0.20)	61.21	
				sand. (ALLUVIUM)	ockets (up to 150mm)	i size) of clayes	' -	(0.35)		
0.50	HSV	55kPa					0.55		60.86	
0.60 - 0.70	В			Light brown very clayey SAND with occasional clay. (ALLUVIUM)	pockets (up to 110mm	in size) of sand	ly -	(0.25)		
				Light grey and orange brown very sandy rounded	ed to sub-angular fine	to coarse of	0.80		60.61	
0.90 - 1.20 1.00	B ES			limestone, quartz, flint, mudstone sandstone GF (ALLUVIUM)	RAVEL.		1 -			
							-			
								(1.00)		
			_				-			
							1			
							1.80		59.61	
1.90 - 2.00	В			Soft to firm light brown mottled dark brown sand vertical fine to medium rootlets.  (ALLUVIUM)	dy CLAY/SILT with occ	asional sub	-			×
				(ALLOVIOW)			2 -	(0.40)		 ×
				Base of Excavation	n at 2.20m		2.20		59.21	× ×
							-			
							1			
							-			
							3 -			
							-			
							-			
							-			
							4 -			
							-			
							1			
							}			

- General Remarks:

  1. Trial pit terminated at 2.20m bgl.

  2. Trial pit walls showed high instability from 0.90 to 1.80m Trial pit collapsed to 1.80m depth from 2.20m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 2.20m depth.

	. ⊪			Project: Begbroke			TP:				
Hydro	)CK						ge N			1	
Method: Trial	Pit			Date(s): 06/02/2023 Lo	ogged By: C0		Chec				Т
Client: Oxford	d Universi	ty Developme	ent	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	tability: Unsta		Dime	ens	sions		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 61.42m OD P	lant: JCB 3-0	×	0.60m		2.00m	/ ار	1:25
S	amples / Tes	sts	Water-	Stratum Dogarint	ian			Ī	ness		pu
Depth (m)	Туре	Results	Strikes	Stratum Descript			Dept	lgdm :	Thickness (m)	Level m OD	Legend
0.10 0.10	B ES			Dark brown organic slightly gravelly very clayey SAN angular fine of quartz, fiint and limestone. (AGRICULTURALLY DISTURED TOPSOIL) Firm light brown sandy CLAY with occasional pocket			0.1		(0.18)	61.24	
0.40 0.40 - 0.70 0.50	ES B HSV	55kPa		clayey sand. (ALLUVIUM)	is (up to 21011111 II	r diameter y or		(	(0.62)		
0.70 0.70 - 0.80	ES B		•	Light brown very clayey SAND with occasional pock sandy clay.	ets (up to 80mm i	n diameter) of	0.8		(0.20)	60.62	
				(ALLUVIUM) Light grey and yellowish brown sandy rounded to su limestone, quartz, flint, mudstone sandstone GRAVE (ALLUVIUM)		oarse of	1 1.0	- 1	(0.20)	60.42	
1.30 - 1.50	В							(	(0.70)		
1.80 - 2.20	В			Soft light grey brown sandy CLAY/SILT with occasio rootlets.	nal sub vertical fin	e to medium	1.7	0		59.72	× <u> </u>
2.00	HSV	35kPa		(ALLUVIUM)			2 -	(	(0.80)		X X X X X X X X X X X X X X X X X X X
2.40 - 2.60	В			Base of Excavation at 2	SOm		2.5	50		58.92	<u>×</u> × × × ×
				Base of Excavation at 2.5	50m		3 -			56.92	

- General Remarks:

  1. Trial pit terminated at 2.50m bgl.

  2. Trial pit walls showed high instability from 1.00m to 2.50m Trial pit collapsed to 1.70m depth from 2.50m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 2.50m depth.

				Project: Begbroke		-	Trialpi <sup>i</sup>	t No		·
Hydro	ck					•	TP3	11		
i i y di C	CIN					Pa	ge No.	. 1 of	1	
Method: Trial	Pit			Date(s): 06/02/2023	Logged By: Co		Check			
Client: Oxford	Universi	ty Developme	nt	Co-ords: 448652.45, 213278.86	Stability: Unsta	able	Dimer	sion	s: S	cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 61.37m OD	Plant: JCB 3-0	CX	0.60m			1:25
Sa	amples / Te	sts	Water-	Stratum Descri	iption		₽-	Thickness (m)	<u>-</u> □	pue
Depth (m)	Туре	Results	Strikes	Dark brown organic slightly gravelly very clayey S		ded to sub-	Depl	E E	Level m OD	Legend
				angular fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)	5.4.511010411			(0.23)		
				Firm light brown very sandy CLAY with occasiona of clayey sand.	I pockets (up to 160r	mm in diameter)	-0.23		61.14	×/>>>//
0.50	цеу	65kDa		(ALLÚVÍUM)			-	(0.42)		
0.50	HSV	65kPa					0.65		60.72	
				Light brown very clayey SAND with occasional posandy clay.	ockets (up to 130mm	in diameter) of	-	(0.25)		
			•	(ALLUVIUM) Light grey and yellowish brown sandy rounded to	sub-angular fine to	coarse of	0.90		60.47	
				limestone, quartz, flint, mudstone sandstone GRA (ALLUVIUM)		varse UI	1 -			
				(1220113111)			1			
							-	(0.70)		
							j			
				Firm (locally soft) light brown sandy CLAY/SILT wi	ith occasional pocke	ts of firm blue	1.60		59.77	
				grey sandy clay. (ALLUVIUM)			-			×_×_
							]			×
							2 -			×— –
2.10 2.20	HSV HSV	50kPa 38kPa					]	(1.00)		×_×_
							-			<u> </u>
2.40	HSV	65kPa					1			×_×_
				Base of Excavation at	2.60m		2.60		58.77	<u>×_^</u> _
							-			
							3 -			
							1			
							+			
							1			
							-			
							1			
							]			
							4 -			
							1			
							-			
							1			
							-			
							-			
							]			

- General Remarks:

  1. Trial pit terminated at 2.60m bgl

  2. Trial pit walls showed high instability from 0.90m to 1.60m Trial pit collapsed to 1.90m depth from 2.60m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 2.60m depth.

	, II			Project: Begbroke			Trialp			
Hydro	OCK						ge No			
Method: Trial	Pit			Date(s): 06/02/2023	Logged By: Co		Chec			Т
Client: Oxford	l Universi	ty Developme	nt	Co-ords: 448649.13, 213209.72	Stability: Unsta	able	Dime	nsior 2.00r		Scale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 61.28m OD	Plant: JCB 3-0	CX	0.60m	2.001		1:25
S	amples / Te	sts	Water-	Stratum Descr	iption		£	mbgl Thickness (m)	- Q	end
Depth (m)	Туре	Results	Strikes	Dark brown organic slightly gravelly very clayey S		ded to sub-	Depth	를 든 (E	Level m OD	Legend
0.10	ES			angular fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)			0.2	(0.26)	61.02	
0.30 - 0.60	В			Firm light brown very sandy CLAY with occasional of clayey sand. (ALLUVIUM)	al pockets (up to 120	mm in diameter	) -			
0.50	HSV	50kPa		(ALLOVIOLITY)			-	(0.44)		
			_	Light brown slightly clayey slightly gravelly SAND fine to medium of flint, limestone and quartz. (ALLUVIUM)	. Gravel is sub-round	ded to sub-angu	0.7 Ilar - 0.9	(0.20)	60.58	
1.00 - 1.40	В		_	Light grey and yellowish brown sandy GRAVEL. ( to coarse of limestone, quartz, flint, mudstone san (ALLUVIUM)		sub-angular find	1 -	(0.60		
							1.5		59.78	
				Firm (locally soft) light brown sandy CLAY/SILT w (ALLUVIUM)	rith frequent pockets	of silty sand.	-		33.70	X
1.80	HSV	35kPa					-			x
2.00 - 2.50	В						2 -	(1.20)		× × × × × × × × × × × ×
2.60	HSV	65kPa					2.7		58.58	× × × × × × × ×
				Base of Excavation a	t 2.70m		-			
							3 -			
							-			
							-			
							4 -			
							-			
							1			
							-			

- General Remarks:

  1. Trial pit terminated at 2.70m bgl

  2. Trial pit walls showed high instability from 0.80m to 2.70m Trial pit collapsed to 2.30m depth from 2.70m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 2.70m depth.

Groundwater: Minor inflow of groundwater encountered at 0.70m depth. Moderate inflow of groundwater encountered at 1.20m

				Project: Begbroke			rialpi			
Hydro	ck					-	TP3	13		
	CIN						ge No.			
Method: Trial	Pit			Date(s): 02/02/2023	_ogged By: C0		Check			
Client: Oxford	Universi	ty Developme	nt	Co-ords: 448681.76, 213223.67	Stability: Unsta	able	Dimer	sion 2.00m		cale:
Hydrock Proje	ect No: C	-19114-C		Ground Level: 61.22m OD	Plant: JCB 3-C	CX	0.60m		1	1:25
	amples / Tes		Water-	Stratum Descrip	otion		£ -	Thickness (m)	= <u>C</u>	Legend
Depth (m)	Туре	Results	Strikes	Dark brown organic slightly gravelly very clayey SA		ded to sub-	Dep	i E E	Level m OD	Leg K
0.12	ES			angular fine of quartz, flint and limestone. (AGRICULTURALLY DISTURED TOPSOIL)	WAS: Graver to roun		0.25	(0.25)	60.97	
0.30 - 0.60	В			Firm light brown very sandy CLAY. (ALLUVIUM)						
0.50	HSV	50kPa					_	(0.60)		
							-	(0.00)		
			_				0.85		60.37	
			_	Light grey and yellowish brown sandy rounded to s limestone, quartz, flint, mudstone sandstone GRAN		coarse of	-		00.07	
				(ALLUVIUM)			1 -			
1.20 - 1.60	В						-			
							1	(0.95)		
							-			
							-			
				Firm light grey mottled brown slightly silty sandy Cl	LAV with accessions	l nookota (un to	1.80		59.42	<b>▽</b>
1.90 - 2.30	В			90mm in diameter) of light brown silt.  (ALLUVIUM)	LAT WITH OCCASIONAL	i pockets (up to				^ ××_
2.00	HSV	70kPa		( ===,			2 -	(0.60)		<u> </u>
							-			××
2.40	HSV	65kPa					2.40		58.82	×_×_
2.40	поч	USKFA		Base of Excavation at 2	2.40m					
							-			
							1			
							-			
							3 -			
							]			
							-			
							1			
							-			
							1			
							]			
							4 -			
							1			
							1			
							1			
							+			
							1			

- General Remarks:

  1. Trial pit terminated at 2.40m depth

  2. Trial pit walls showed high instability from 0.90m to 2.40m Trial pit collapsed to 1.50m depth from 2.40m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 2.40m depth.

Hydra				Project: Begbroke			Γrial <b>TP</b>				
Hydro	CK								1 of	1	
Method: Tria	l Pit			Date(s): 02/02/2023	Logged By: Co	С	Che	cke	d By	/: N	Т
Client: Oxford	d Universi	ity Developme	ent	Co-ords: 449114.96, 212508.88	Stability: Unsta	able	Dim		sions <sub>2.00m</sub>	s: S	cale:
Hydrock Proj	ect No: C	-19114-C		Ground Level: 60.12m OD	Plant: JCB 3-0	CX	0.60m		2.00111		1:25
S	amples / Te	sts	Water-	Stratum Descrip	ntion	'		_	Thickness (m)		pu
Depth (m)	Туре	Results	Strikes					mbgl	Œ Œ	Level m OD	Legend
0.10	ES			Light brown slightly organic slightly gravelly sandy angular flint and quartz. (AGRICULTURALLY DISTURED TOPSOIL)  Soft to firm light brown very sandy CLAY with frequ			-	.20	(0.20)	59.92	
0.40 - 0.70 0.50 0.60	B ES HSV	50kPa		diameter) of clayey sand. (ALLUVIUM)				1.80	(0.60)	59.32	
1.00 - 1.40	В		•	Yellowish brown very sandy rounded to sub-angula flint and sandstone GRAVEL. (RIVER TERRACE DEPOSITS)	ar fine to coarse of l	imestone, quart	Z, -		(0.90)	55.52	
			•	Base of Excavation at			1	.70		58.42	
				Sast of Executation of			2 -				
							3 -				
							4				

- General Remarks:

  1. Trial Pit terminated at 1.70m bgl.

  2. Trial pit walls showed high instability from 1.10m to 1.70m Trial pit collapsed to 1.40m depth from 1.70m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 1.70m depth.

Groundwater: Minor inflow of groundwater encountered at 0.80m depth. Moderate inflow of groundwater encountered at 1.60m

مداميرا	الم			Project: Begbroke			rialpii TP3			
Hydro	CK						ge No.		1	
Method: Tria	l Pit			Date(s): 02/02/2023	Logged By: Co	0	Check	ed B	y: N	Т
Client: Oxford	d Universi	ity Developme	nt	Co-ords: 449083.07, 212483.30	Stability: Unsta	able	Dimer	sion:	s: S	cale:
Hydrock Proj	ect No: C	-19114-C		Ground Level: 60.10m OD	Plant: JCB 3-0	CX	0.60m			1:25
	amples / Te		Water- Strikes	Stratum Descr	ription		# H	Thickness (m)	JD Cel	Legend
Depth (m)	Туре	Results	Ottikes	Light brown slightly organic slightly gravelly sandy	y CLAY. Gravel is sub	o-rounded to su	-9 Depth	ĒĒ	Level m OD	ře K
0.10	В			angular flint and quartz. (AGRICULTURALLY DISTURED TOPSOIL)			-0.22	(0.22)	59.88	
0.30 - 0.50	В			Soft to firm light brown very sandy CLAY with free diameter) of clayey sand. (ALLUVIUM)	quent pockets (up to	160mm in	-			
0.50	HSV	50kPa		( ===,			]	(0.00)		
								(0.68)		
							0.90		50.00	
1.00 - 1.40	В		_	Yellowish brown very sandy rounded to sub-angu flint and sandstone GRAVEL.	lar fine to coarse of l	imestone, quart			59.20	
4.00	F0			(RIVER TERRACE DEPOSITS)				(0.50)		
1.20	ES									
				Base of Excavation a	it 1.40m		1.40		58.70	
							2 -			
							-			
							3 -			
							]			
							-			
							1			
							-			
							4 -			
							}			
							1			
							1			

- General Remarks:

  1. Trial pit terminated at 1.40m bgl.

  2. Trial pit walls showed high instability from 0.50m to 1.40m Trial pit collapsed to 1.00m depth from 1.40m.

  3. Constant collapse of pit walls prevented excavation advancing beyond 1.40m depth.

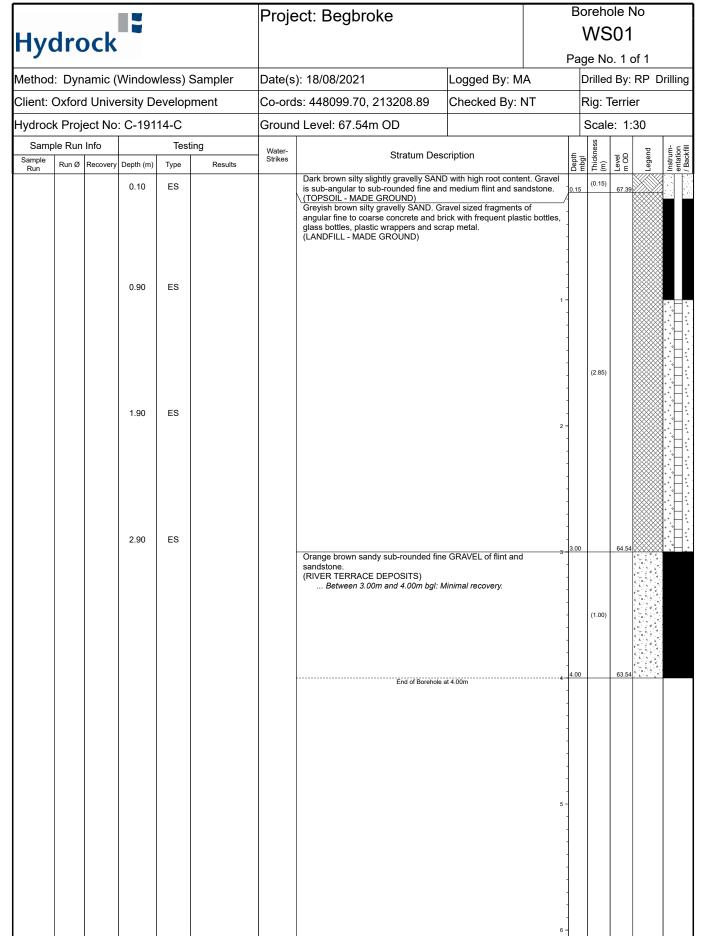
مرام برا				Project: Begbroke			TP3			
Hydro	CK						ge No.		1	
/lethod: Trial	Pit			Date(s): 02/02/2023	Logged By: Co	С	Check	ed B	y: N	Т
Client: Oxford	Universit	ty Developme	nt	Co-ords: 449119.84, 212452.72	Stability: Unsta	able	Dimer	sion:	s: S	cale:
Hydrock Proje	ect No: C-	19114-C		Ground Level: 60.14m OD	Plant: JCB 3-0	CX	0.60m		<b></b> □	1:25
Depth (m)	amples / Tes	Results	Water- Strikes	Stratum Descrip	ption		Depth	Thickness (m)	Level m OD	Legend
0.10	ES			Light brown slightly organic slightly gravelly sandy angular flint and quartz. (AGRICULTURALLY DISTURED TOPSOIL)	CLAY. Gravel is sub	b-rounded to su	b- -	(0.25)		
0.35 - 0.50	В			Firm light orange brown very sandy CLAY with free diameter) of clayey sand. (ALLUVIUM)	quent pockets (up to	180mm in	0.25		59.89	
0.50	HSV	55kPa					-	(0.45)		
0.80 - 1.00	В		_	Dark grey brown sandy rounded to sub-angular fin mudstone and sandstone GRAVEL. (RIVER TERRACE DEPOSITS)	ne to coarse of limes	stone, quartz, fli	0.70 nt,	(1.30)	59.44	
1.80 - 2.00	В			Base of Excavation at '	1.80m		2 2.00		58.14	
							3 -			

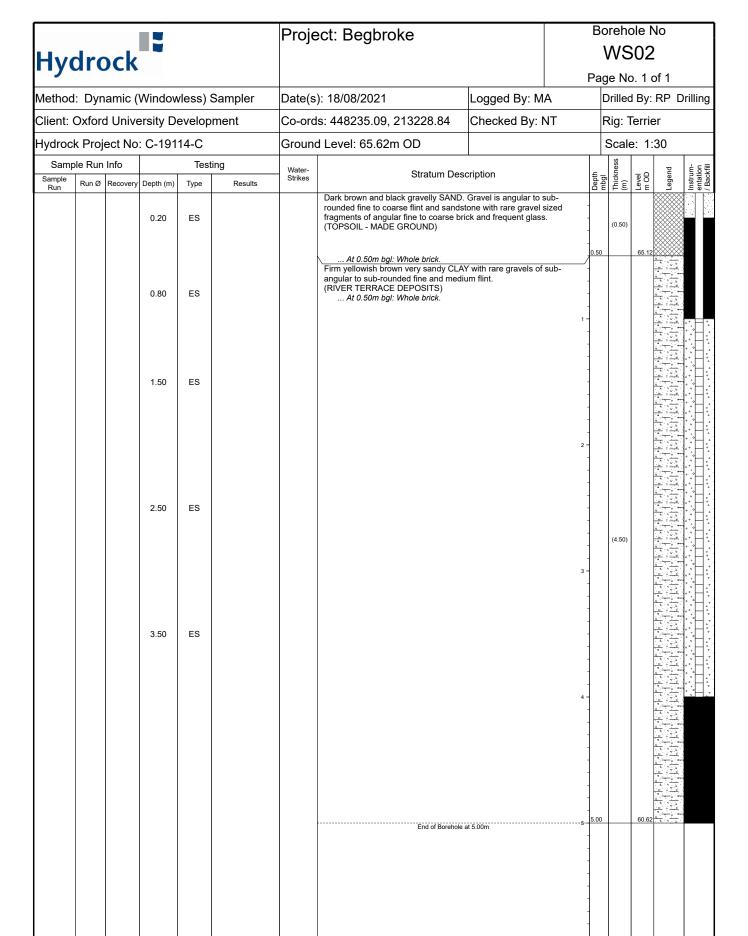
- General Remarks:

  1. Trial pit terminated at 1.60m bgl.

  2. Trial pit walls showed high instability from 1.10m to 2.00m Trial pit collapsed to 1.70m depth.

  3. Constant collapse of pit walls prevented excavation advancing beyond 2.00m depth.







Borehole No **WS03** 

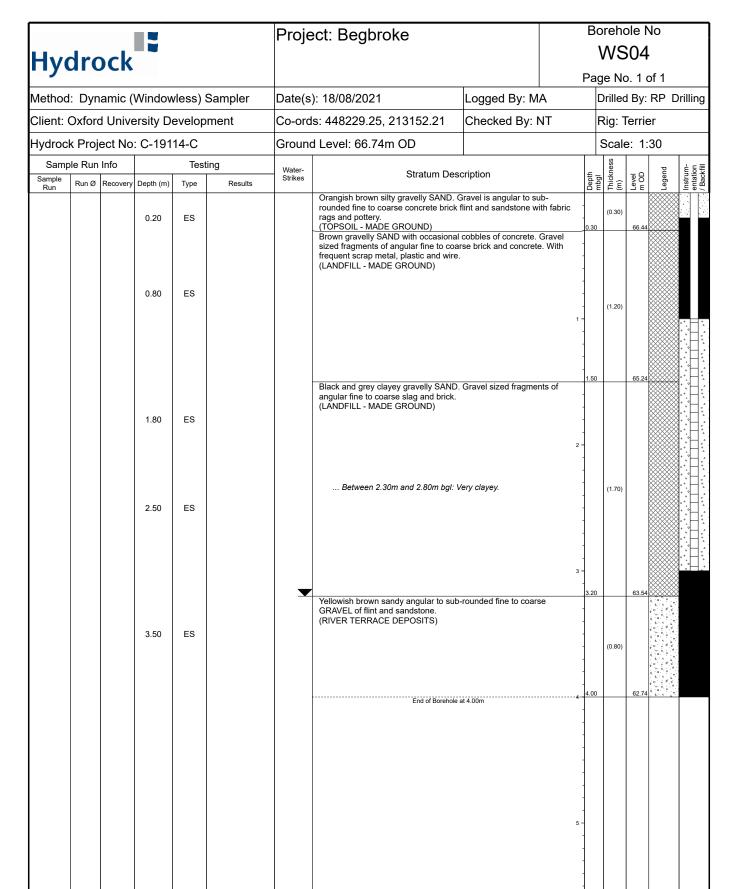
Page No. 1 of 1

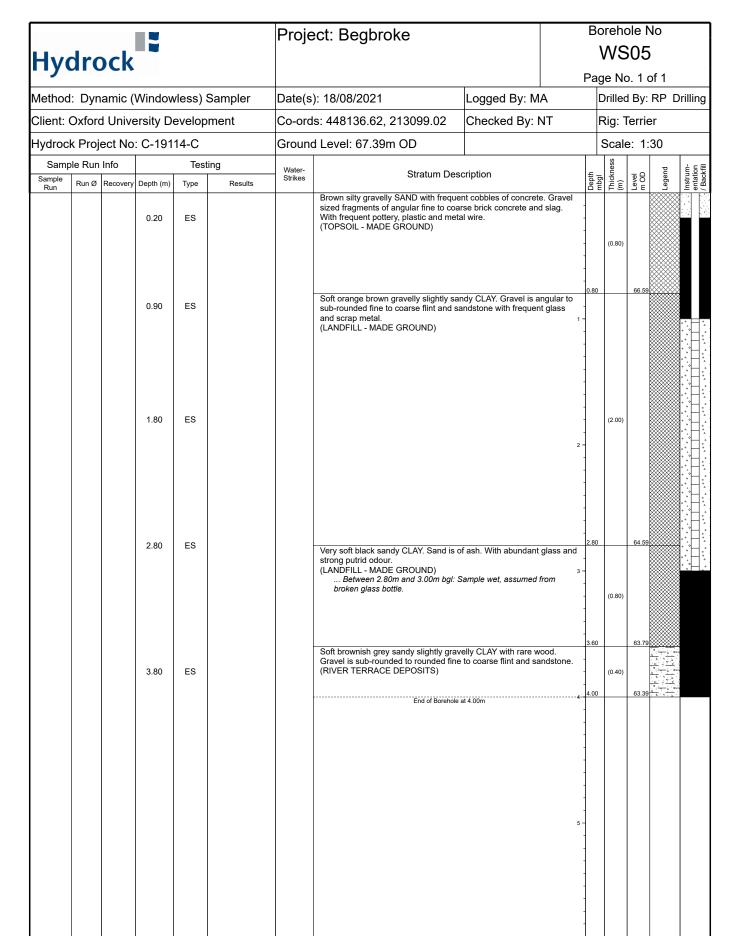
Method: Dynamic (Windowless) Sampler Date(s): 18/08/2021 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448185.37, 213187.06 Checked By: NT Rig: Terrier Hydrock Project No: C-19114-C Ground Level: 67.71m OD Scale: 1:30

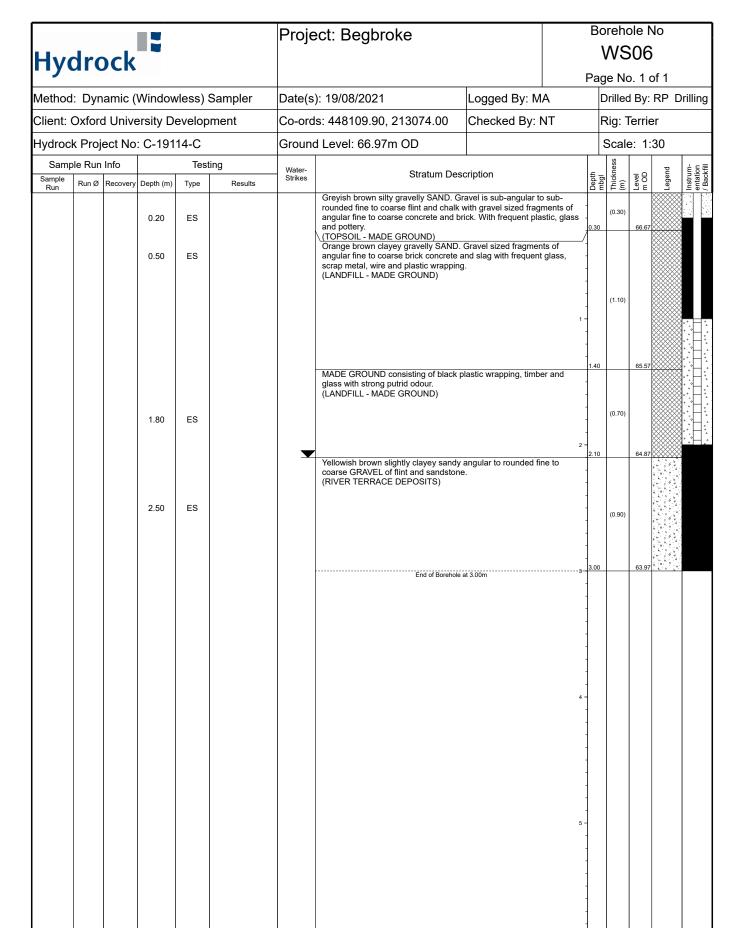
	yarocı	( Proj	ect ivo	: C-191	14-C		Ground	Level: 67.71m OD		Scal	e: 1:	.30	
Birown silty gravelly SAND. Gravel is analysis to sub-rounded fine to coarse concrete filt and sandstone with fair crass.  (0.25) (7.0PSOIL - MADE GROUND)  Firm yellowish greyish brown silpithy sandy CLAY with rare gravels if sub-angular fine coal. (MADE GROUND - GRNERAL)  Reddish brown and black gravelly SAND. Gravel sized fragments of angular fine to coarse brick concrete and slag with frequent glass, metal and timber. (LANDFILL - MADE GROUND)  Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse brick. (LANDFILL - MADE GROUND)  Yellowish brown sandy angular to sub-rounded fine to coarse GRAVEL of filmt and sandstone. (RIVER TERRACE DEP OSITS)	Samp	le Run	Info		Test	ing	Water-			ssəı		Р	<u></u>
Birown silty gravelly SAND. Gravel is analysis to sub-rounded fine to coarse concrete filt and sandstone with fair crass.  (0.25) (7.0PSOIL - MADE GROUND)  Firm yellowish greyish brown silpithy sandy CLAY with rare gravels if sub-angular fine coal. (MADE GROUND - GRNERAL)  Reddish brown and black gravelly SAND. Gravel sized fragments of angular fine to coarse brick concrete and slag with frequent glass, metal and timber. (LANDFILL - MADE GROUND)  Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse brick. (LANDFILL - MADE GROUND)  Yellowish brown sandy angular to sub-rounded fine to coarse GRAVEL of filmt and sandstone. (RIVER TERRACE DEP OSITS)	Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results		Stratum Description	Depth nbgl	Thickr m)	evel n OD	-egen	nstrui
Firm yellowish preyish brown slightly sandy CLAY with rare gravels if sub-angular fine zoal. (MADE GROUND - GENERAL)  Reddish brown and black gravelly SAND. Gravel sized fragments of angular fine to coarse brick concrete and slag with frequent glass, metal and timber. (LANDFILL - MADE GROUND)  1.00 ES  Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse brick. (LANDFILL - MADE GROUND)  2.50 ES  Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse brick. (LANDFILL - MADE GROUND)  4.50 ES  Vellowish brown sandy angular to sub-rounded fine to coarse GRAWEL of first and sandstone. (RIVER TERRACE DEPOSITS)  3.40 84.31	tuii			0.10	ES			coarse concrete flint and sandstone with fabric rags.	-				
Reddish brown and black gravelly SAND. Gravel sized fragments of angular fine to coarse brick concrete and slag with frequent glass, metal and timber.  (LANDFILL - MADE GROUND)  1.00 ES  Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse brick.  (LANDFILL - MADE GROUND)  2.50 ES  Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse brick.  (LANDFILL - MADE GROUND)  Yellowish brown sandy angular to sub-rounded fine to coarse GRAVEL of flint and sandstone.  (RIVER TERRACE DEPOSITS)				0.40	FS			Firm yellowish greyish brown slightly sandy CLAY with rare gravels if sub-angular fine coal.	0.25	(0.25)	67.46		
Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse brick.  (LANDFILL - MADE GROUND)  Yellowish brown sandy angular to sub-rounded fine to coarse GRAVEL of flint and sandstone. (RIVER TERRACE DEPOSITS)				0.40	20			Reddish brown and black gravelly SAND. Gravel sized fragments of angular fine to coarse brick concrete and slag with frequent glass, metal and timber.	0.50		67.21		
Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse brick.  (LANDFILL - MADE GROUND)  Yellowish brown sandy angular to sub-rounded fine to coarse GRAVEL of flint and sandstone.  (RIVER TERRACE DEPOSITS)  30  65.41  230  65.41  230  65.41  230  65.41  230  64.31				1.00	ES			1	-				
Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse brick.  (LANDFILL - MADE GROUND)  Yellowish brown sandy angular to sub-rounded fine to coarse GRAVEL of flint and sandstone.  (RIVER TERRACE DEPOSITS)  65.41  2.30  66.41  (1.10)  3.40  64.31									-	(1.80)			
2.50 ES  Dark reddish brown slightly gravelly clayey SAND. Gravel is angular to sub-rounded fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse brick.  (LANDFILL - MADE GROUND)  Yellowish brown sandy angular to sub-rounded fine to coarse GRAVEL of flint and sandstone.  (RIVER TERRACE DEPOSITS)  (1.10)  3.40  64.31								2	-				٠
Yellowish brown sandy angular to sub-rounded fine to coarse GRAVEL of flint and sandstone. (RIVER TERRACE DEPOSITS)  3.40 64.31 (0.30) (1.30) 64.01				2.50	ES			to sub-rounded fine to coarse sandstone and flint with rare gravel sized fragments of angular fine to coarse brick.	2.30		65.41		
Yellowish brown sandy angular to sub-rounded fine to coarse GRAVEL of flint and sandstone. (RIVER TERRACE DEPOSITS)  (0.30) (6401)								3		(1.10)			
GRAVEL of flint and sandstone. (RIVER TERRACE DEPOSITS)									3.40		64.31		
								GRAVEL of flint and sandstone. (RIVER TERRACE DEPOSITS)	3.70	(0.30)	64.01		
								4	-				
									-				
									-				
								5	-				
									-				
									-				
									-				

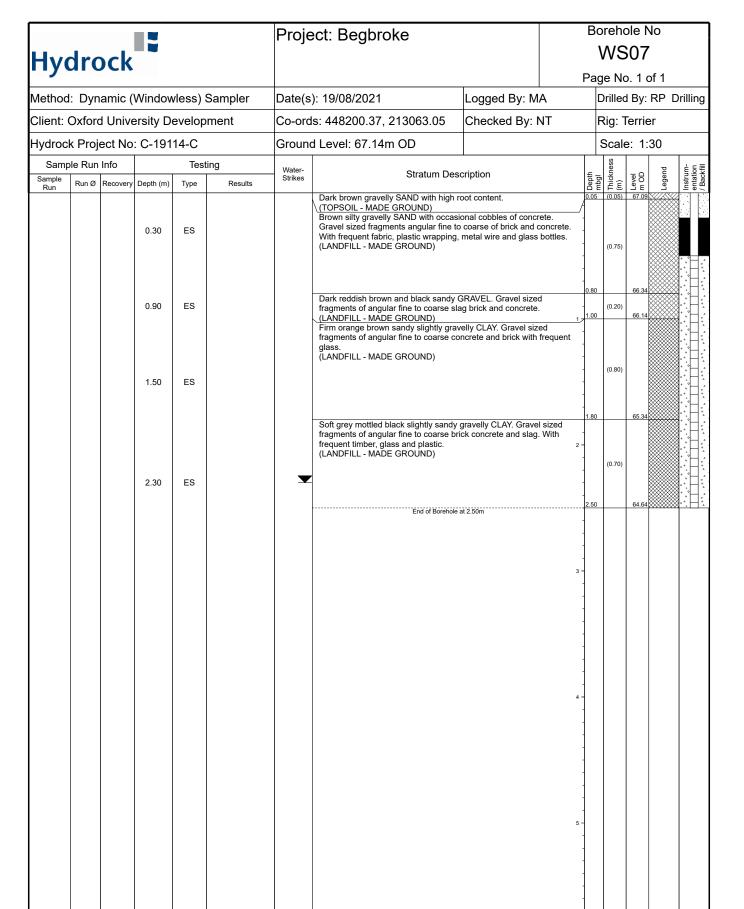
General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Drilling refusal at 3.70m bgl and borehole collapsed in to 2.70m bgl. 4) Gas and groundwater monitoring well installed to 2.70m bgl with response zone between 0.70m and 2.70m. 5) Landfill deposits have a putrid odour throughout.

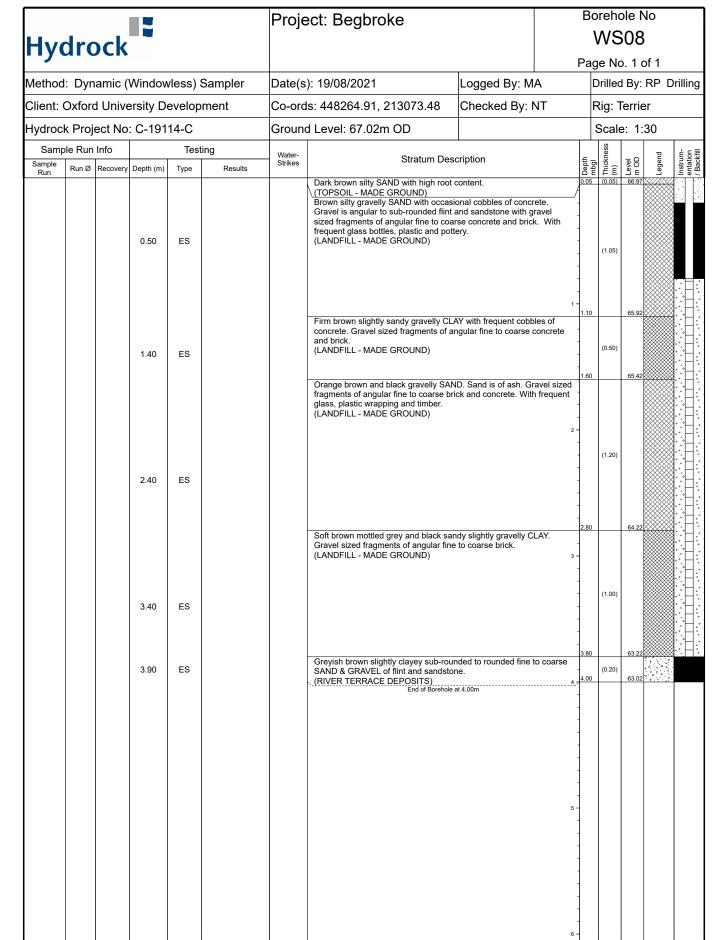


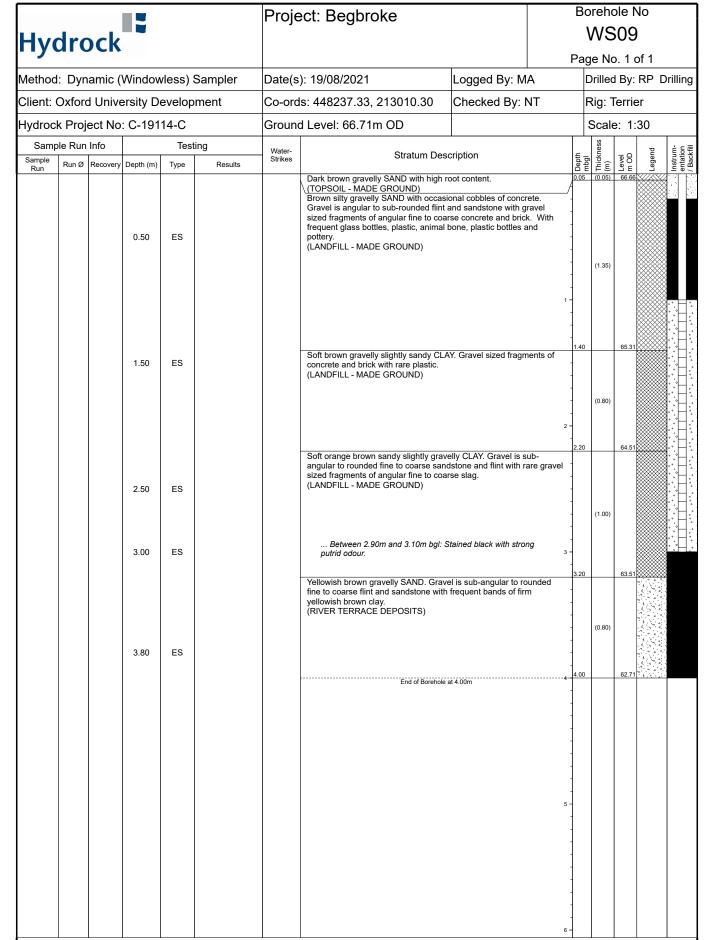


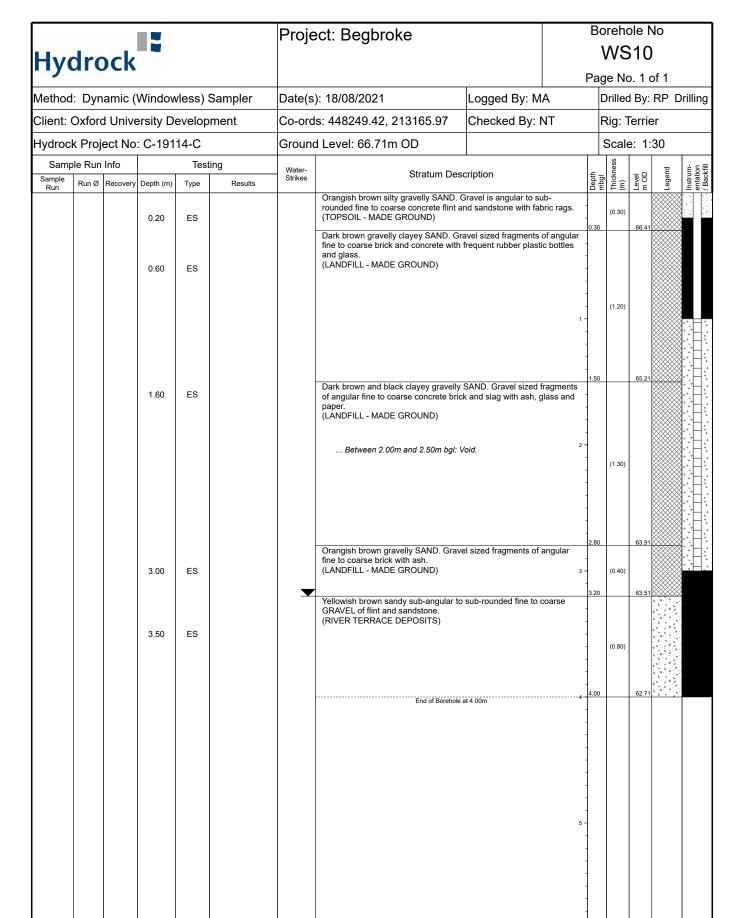




1) Inspection pit hand dug to 1.20m bgl. 2) Drilling refusal at 2.50m bgl. 4) Gas and groundwater monitoring well installed to 2.50m bgl with response zone between 0.50m and 2.50m. 5) Landfill deposits have a putrid odour throughout.









Borehole No WS201

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 30/08/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447118.69, 213722.34 Checked By: CV Rig: Dart Terrier

Hydrock Project No: C-19114-C Ground Level: 67.36m OD Scale: 1:30

yaroc	K Proj	ect No	: C-191	14-C		Ground	Level: 67.36m OD				e: 1:	30	
Sam	ole Run	Info		Tes	ting	Water-				sset		þ	±
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Description		Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
			0.20	ES			Stiff desiccated brown slightly sandy slightly grounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)	ravelly CLAY. Gravel is .		(0.30)			
			0.50	D			Stiff greyish brown slighty sandy CLAY with radiameter). (ALLUVIUM)	re tree roots (5 cm	0.30	(0.50)	67.06		
									0.80	(0.50)	66.56		
			1.40	5			Orangish brown sandy angular to sub-rounded sandstone and limestone GRAVEL. (RIVER TERRACE DEPOSITS) Stiff grey slighty sandy CLAY with abundant sa	17	1.00	(0.20)	66.36		•••
-	110mm	100%	1.10	D SPT	N=8 (1,1,1,2,2,3)		selenite crystals. (KELLAWAYS CLAY MEMBER)	- -					
			1.70	D				-		(1.30)			
			2.00	SPT	50/135mm		From 1.90m to 2.00m bgl: Mottled yellowi	ish brown.					
					(1,3,4,46)		End of Borehole at 2.30m		2.30		65.06		
								-					
								-					
								3 -					
								-					
								-					
								- 4 - -					
								-					
								-					
								- - 5 –					
								-					
								-					
								-					
								6 -					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 2.30m bgl. 4) Gas and groundwater monitoring well installed to 2.00m, response zone between 1.00m and 2.00m bgl.



## Borehole No WS202

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 30/08/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447270.02, 213757.88 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-1911/J-C Ground Level: 65 92m OD Scale: 1:30

Hydrock Project No: C-19114-C						Ground Level: 65.92m OD				Scale	e: 1: 	30	
Sample Run Info Testing					ting	Water- Stratum Description				ness		рu	<u> </u>
Sample Run Rui		Recovery	Depth (m)	Туре	Results	Strikes	Stratum Description		Depti	Thickness (m)	Level m OD	Legend	Instrum- entation
			0.20	ES			Stiff desiccated brown slightly sandy sl rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOF Firm orangish brown slightly gravelly sangular to rounded fine to coarse of sa	PSOIL) andy CLAY. Gravel is sub-	0.30	(0.30)	65.62		19 (4) (3)
			0.50 0.60	ES D			(MADE GROUND)		-	(0.90)			
) -	110mm	90%	1.20	SPT	N=0		From 1.00m to 1.20m bgl: Become fragments of brick.  Very loose yellowish brown slightly clay		1.20		64.72		
0			1.20 - 2.00	В	(0,0,0,0,0,0)		angular to sub-rounded fine to coarse (RIVER TERRACE DEPOSITS)	of flint and limestone.	-				
			2.00	SPT	50/295mm (3,4,8,12,14,16)		From 2.00m bgl: Very dense.	2 ·	-	(1.20)			•
							End of Borehole a	# 2.40m	2.40		63.52		
							Lift of botatiole a	A. Z40111					
								3 ·	-				
									-				
								4 ·	-				
									-				
								5.					
									1				
									1				
									1				

General Remarks:
1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 2.00m, rising to 1.80m over 20 minutes. 3) Borehole terminated on SPT refusal at 2.40m bgl. 4) Gas and groundwater monitoring well installed to 2.00m, response zone between 1.00m and 2.00m bgl.



Borehole No WS203

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 23/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447704.80, 214072.83 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-1911/J-C Ground Level: 68 32m OD Scale: 1:30

Hydrock Project No: C-19114-C						d Level: 68.32m OD			Scale	ale: 1:30			
			Testing		Water- Strikes Stratum Descri		iption :		Thickness (m)	e C	Legend	Instrum- entation	
ample Run Ø	Recovery	Depth (m) 0.10	Type ES	Results	Strikes	Brown slightly gravelly slightly silty SAND. Gravel is angular to rounded, fine to medium of flint and quartz. (AGRICULTURALLY DISTURBED TOPSOIL)			(0.40)	Level m OD	Leg	Insti	
		0.60	ES			Orange brown slightly gravelly slightly angular to rounded, fine to medium of f (RIVER TERRACE DEPOSITS)	clayey SAND. Gravel is	0.40	(0.60)	67.92			
		1.10 1.20	D SPT	N=35 (6,8,8,9,9,9)		Dense orange brown gravelly SAND. Gangular to rounded flint and quartz. (RIVER TERRACE DEPOSITS)	Gravel is fine to medium,	1.00	(0.80)	67.32			
								1.80		66.52			
		1.90 2.00	D SPT	N=50		Very dense brown SAND & GRAVEL. (fine to medium of flint and quartz. (RIVER TERRACE DEPOSITS) End of Borehole a	- 1	2.00	(0.20)	66.32			
							4-						

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 2.0m bgl on SPT. 3) No groundwater encountered. 4) Gas and groundwater monitoring pipe installed to 2.00m bgl. Response zone between 1.00m bgl to 2.00m bgl.



Borehole No WS204

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 23/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448083.21, 214100.07 Checked By: CV Rig: Dart Terrier

Hydrock Project No: C-19114-C						Ground Level: 64.19m OD			5	Scale	e: 1:	30	
Sample Run Info Testing					ing	Water-	Stratum Desc	wintion		Thickness (m)	-0	pu	ķ iē i∰
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes		приоп	Depth mbgl	Thick (m)	Level m OD	Legend	Instrum- entation / Backfill
			0.20	ES			Brown slightly gravelly slightly silty SAN rounded, fine to medium of flint, quartz (AGRICULTURALLY DISTURBED TOF	and limestone.	0.40	(0.40)	00.70		
			0.60	ES			Orange brown slightly gravelly slightly s Gravel is angular, fine to medium of flin (RIVER TERRACE DEPOSITS)		0.40	(0.40)	63.79		
							Very dense brown to light grey slightly :	silty angular to subangular,	0.80		63.39		
			1.00	SPT D	50/125mm (20,5,29,21)		fine to coarse limestone GRAVEL. (CORNBRASH LIMESTONE FORMAT			(0.45)			
							End of Borehole a	t 1.25m	1.25		62.94		
								1.1.25m					
								- - -					
								- - 5 <b>-</b>					
								<u>.</u>					
								-					
								- - 6 <b>-</b>					

General Remarks:

1) Hand dug pit to 0.90m bgl. 2) Refusal at 1.25m bgl on SPT. 3) Groundwater encountered at 1.30m bgl at base of SPT. 4) Gas and groundwater monitoring pipe installed to 1.00m bgl. Response zone between 0.70m bgl to 1.00m bgl.



### Borehole No WS205

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 22/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447718.35, 213852.98 Checked By: CV Rig: Dart Terrier

yuroci	k Proj	ect No	: C-191	14-C		Ground	d Level: 64.23m OD			Scale	e: 1:	30	
Samp	le Run		D ( )	Test	·	Water- Strikes	Stratum Desc	cription :	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
Run	Run Ø	Recovery	0.20	Type	Results		Dark brown slightly clayey slightly grav rounded, fine to medium of flint and qu (AGRICULTURALLY DISTURBED TOF	relly SILT. Gravel is angular to artz.  PSOIL)	m De	(0.30)	63.93	ian P	Ins
			0.60	ES			(ALLUVIUM)		0.80	(0.50)	00.40		
			1.00	D			Soft grey and brown CLAY. (ALLUVIUM)	1-		(0.40)	63.43		
			1.20	SPT	N=13 (1,2,2,2,5,4)		Firm orange brown sandy slightly grave	elly CLAY. Gravel is angular to	.20		63.03		
			1.40	D	(1,2,2,2,3,4)		rounded, fine to medium, of flint and qu (RIVER TERRACE DEPOSITS)	1	1.60	(0.40)	62.63		
			1.70 - 2.00	В		•	Medium dense light brown and orange GRAVEL. Gravel is angular to rounded quartz. (RIVER TERRACE DEPOSITS)						
			2.00	SPT	N=14 (4,2,3,2,4,5)			2 -		(0.80)			
							Very dense light brown sandy clayey G rounded, fine to coarse of flint and qua	RAVEL. Gravel is angular to	2.40		61.83		
			2.60	D			(RIVER TERRACE DEPOSITS)			(0.60)			
			3.00	SPT	50/155mm (6,8,12,33,5)		End of Borehole a	t 3.00m 3	3.00		61.23	*****	
								4 -					
								-					
								5 <del>-</del> - -					

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 3.00m bgl on SPT. 3) Groundwater encountered at 1.70m bgl. 3) Gas and groundwater monitoring pipe installed to 3.00m bgl. Response zone between 1.00m bgl and 3.00m bgl. 4)



Borehole No WS206

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 24/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447923.93, 213875.85 Checked By: CV Rig: Dart Terrier

								,					
Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 64.72m OD			Scale	e: 1:	30	
Sample	ole Run	1	Depth (m)	Test		Water- Strikes	Stratum Desc	cription	pth	Thickness (m)	Level m OD	Legend	Instrum- entation
Run	Rull Ø	Recovery	0.20	Type ES	Results		Brown slightly silty slightly gravelly SAI >2mm. Gravel is angular to rounded, fi (AGRICULTURALLY DISTURBED TO	ine to medium, flint and quartz.	0.30	(0.30)	<u>9</u> E 64.42	Le	lns en
			0.50	ES			Brown and orangish brown slightly silty Gravel is angular to rounded fine to me (RIVER TERRACE DEPOSITS)		-		04.42		
			1.20	SPT	N=9			1-	-	(1.00)			
			1.40	D	(4,2,3,2,2,2)		Loose brown and orangish brown sligh Gravel is angular to rounded fine to me (RIVER TERRACE DEPOSITS)	ntly gravelly clayey SAND. edium of flint and quartz.	1.30	(0.50)	63.42		
			1.90 2.00	D SPT	N=12 (3,3,2,3,3,4)		Soft grey and orangish brown CLAY wi sand, with occasional roots >2mm. (KELLAWAYS CLAY MEMBER)	ith fine gravel sized pockets of	1.80	(0.60)	62.92		
			2.50	D			Light brown and cream slightly clayey is angular fine to coarse of limestone. (CORNBRASH LIMESTONE FORMAT		2.40		62.32		
			3.00 3.00 3.20 - 4.00	SPT D B	N=27 (8,5,5,9,6,7)	_		3 -	-				
			4.00	SPT	N=10			4	-	(2.10)			
			4.40	D	(8,4,3,3,2,2)								
			4.50	SPT	50/40mm (25,50)		End of Borehole a	at 4.50m	4.50		60.22		
								5 -					
								6	-				

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 4.50m bgl on SPT. 3) Groundwater encountered at 3.00m bgl. 3) Gas and groundwater monitoring pipe installed to 4.20m bgl. Response zone between 1.00m bgl and 4.20m bgl.



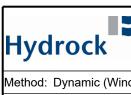
Borehole No WS207

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 25/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448146.87, 213965.07 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-1911/J-C Ground Level: 62 87m OD Scale: 1:30

Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 62.87m OD				e: 1:	30	
Samp	ole Run	Info		Tes	ting	Water-	Chrohium Daga	nin di	_	ness		рL	늄등
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	cription	Deptimpgl	Thickness (m)	Level m OD	Legend	Instrum- entation
			0.10	ES			Stiff dark brown slightly sandy slightly or roots <2mm. Gravel is angular to round limestone and quartz.  (AGRICULTURALLY DISTURBED TOF Firm brown slightly sandy slightly grave fine to medium of flint.	ded fine to medium of flint,	0.30	(0.30)	62.57		
			0.60	ES			(ALLUVIUM)		0.70	(0.40)	62.17		
			0.90	D			Soft orangish brown and grey slightly g occasional roots <2mm. Gravel is angu (ALLUVIUM)	gravelly sandy CLAY with ular fine of flint.	-	(0.30)			
0 -		100%	1.20	SPT	N=16	•	Medium dense grey slightly clayey sligl angular fine to medium of flint. (RIVER TERRACE DEPOSITS)	htly gravelly SAND. Gravel is 1	1.00		61.87		
0		100%	1.20	D	(3,4,4,4,3,5)		,		-	(0.70)			
							Dense brown SAND & GRAVEL. Grave	el is angular to rounded fine to	1.70		61.17		
0 -		80%	1.80 2.00	D SPT	N=37		coarse of flint and quartz. (RIVER TERRACE DEPOSITS)	er is arrigular to rounded, line to					٠
0		00 76	2.00	SFI	(8,8,8,9,10,10)			2		(1.00)			
									-				
			2.80	D			Dense orangish brown slightly clayey S angular to rounded fine to medium of fl		2.70	(0.30)	60.17		
			3.00	SPT	N=43		(RIVER TERRACE DEPOSITS)	it 3.00m	3.00	(0.00)	59.87		X
								4					
								5					
								6	1				

General Remarks:
1) Hand dug pit to 1.20m bgl. 2) Refusal at 3.00m bgl on SPT and collapse to 2.20m bgl. 3) Groundwater encountered at 1.20m bgl. 3) Gas and groundwater monitoring pipe installed to 2.00m bgl. Response zone between 1.00m bgl and 2.00m bgl.



Borehole No WS208

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 25/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448287.18, 214030.07 Checked By: CV Rig: Dart Terrier

Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 62.33m OD				e: 1:	30	
Sample Run	ple Run Run Ø		Depth (m)	Test	ting Results	Water- Strikes	Stratum Desc	cription	depth Degl	Thickness (m)	Level m OD	Legend	Instrum- entation
Kun			0.10	ES			Stiff dark brown slightly sandy slightly g roots <2mm. Gravel is angular to round quartz. (AGRICULTURALLY DISTURBED TO	gravelly CLAY with occasional ded fine to medium of flint and PSOIL)		(0.40)	61.93		= 0
			0.50	ES			Firm dark brown slightly sandy CLAY w (ALLUVIUM)	vith occasional roots <2mm.	0.40	(0.20)	61.73		
			0.70	D		•	Dense orangish brown slightly clayey sangular to rounded fine to medium of fl (RIVER TERRACE DEPOSITS)						
1.20 -		100%	1.00	SPT	N=34 (7,6,8,9,8,9)			1 -		(1.00)			
2.00								- - -					
			1.70	D			Medium dense to dense brown SAND to rounded, fine to medium of flint and (RIVER TERRACE DEPOSITS)		1.60		60.73		
2.00 - 3.00		25%	2.00	SPT	N=14 (5,4,4,3,2,5)			2 <del>-</del> -					
								- -					
			2.70	D				-		(2.40)			
3.00 - 4.00		70%	3.00	SPT	N=35 (6,8,7,9,9,10)			3-					
			3.70	D				- - -					
			4.00	SPT	N=30 (4,7,7,6,8,9)		End of Borehole a	tt 4.00m	4.00		58.33		
								- - -					
								- -					
								5 <b>-</b>					
								- 6 <del>-</del>					

General Remarks:
1) Hand dug pit to 1.00m bgl due to groundwater. 2) Refusal at 4.00m bgl on SPT. 3) Groundwater encountered at 0.90m bgl. 4) Gas and groundwater monitoring pipe installed to 2.20m bgl. Response zone between 0.80m bgl and 2.20m bgl.



Borehole No WS209

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 22/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447958.88, 213827.24 Checked By: CV Rig: Dart Terrier Scale: 1:30

Hydrock Project No: C-19114-C Ground Level: 64.34m OD

yaroci	k Proj	ect No	: C-191	14-C		Ground	d Level: 64.34m OD		1	Scale	e: 1:	30	
	le Run	Info		Test	ting	Water-	Stratum Desc	rintion	ج <u>_</u>	Thickness (m)	- O	pue	-h rigi
ample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes			Depth mbgl	(E)	Level m OD	Legend	Instrum- entation
			0.30	ES			Dark brown slightly gravelly slightly silty is angular to rounded, fine to medium o (AGRICULTURALLY DISTURBED TOP	f flint and quartz.	0.40	(0.40)	63.94		
			0.70	ES			Brown and orange brown slightly grave Gravel is angular to rounded, fine to me (RIVER TERRACE DEPOSITS)			(0.50)	50.51		\$ 9 <sup>7</sup>
			1.00	D			Light brown and orange brown slightly (	gravelly slightly clayey SAND.	0.90		63.44		
			1.20	SPT	N=6		(RIVER TERRACE DEPOSITS)	-	1.20	(0.30)	63.14		
			1.30	D	(4,3,2,1,1,2)		Loose brown SAND & GRAVEL. Gravel medium of flint and quartz. (RIVER TERRACE DEPOSITS)	l is angular to rounded, fine to		(0.30)			•
			1.70	D			Soft brown slightly gavelly sandy CLAY. medium of flint. (RIVER TERRACE DEPOSITS)	Gravel is angular, fine to	1.50	(0.50)	62.84		
								-	2.00	(0.50)	62.34		٠
			2.00 -	SPT B	N=15 (3,2,4,4,4,3)	_	Medium dense light creamish brown slig GRAVEL. Gravel is angular to subangu (RIVER TERRACE DEPOSITS)		2.00		62.34	,	
			3.00				()	- - - - - -					°-
			3.00 3.00 - 4.00	SPT B	N=18 (10,8,5,3,1,9)			3 -		(2.00)			
			4.00	SPT	N=21 (2,3,3,3,7,8)		End of Borehole at	4.00m 4—	4.00		60.34	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
								- - - - 5 -					
								- - -					
								- - -					

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Groundwater encountered at 2.00m bgl. 3) Refusal at 4.00m bgl during drilling. 4) Gas and groundwater monitoring pipe installed to 3.00m bgl. Response zone between 1.00m bgl and 3.00m bgl.



Borehole No WS210

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 25/04/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448274.07, 213879.39 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-1911/J-C Ground Level: 62 37m OD Scale: 1:30

Hydrock Pr	roject	No:	C-191	14-C		Ground	d Level: 62.37m OD			Scale	e: 1:	30	
Sample R	Run Info	)		Tes	ting	Water-	Stratum Desc	cription	ч	Thickness (m)	- 0	pu	-tr ioi
Sample Run Run	n Ø Reco	overy	Depth (m)	Туре	Results	Strikes		•	Depth mbgl	Thic pi(E)	Level m OD	Legend	Instrum- entation
			0.10	ES			Stiff dark brown slightly sandy slightly groots <2mm. Gravel is angular to round quartz.  (AGRICULTURALLY DISTURBED TOF Stiff brown, grey and orangish brown C <2mm.  (ALLUVIUM)	ded fine to medium of flint and PSOIL)	0.30	(0.30)	62.07	×	
			0.80	D			Dark grey slightly silty slightly gravelly angular fine to coarse of sandstone. (ALLUVIUM)	clayey SAND. Gravel is	0.60	(0.40)	61.77	×	
.20 -	100	0%	1.20	SPT D	N=9 (2,2,3,3,2,1)	•	Loose orangish brown slightly clayey g angular to rounded fine to medium of fl (ALLUVIUM)		1.00	(0.60)	61.37		
			1.70	D			Soft brown and orangish brown slightly is angular to rounded fine to medium o (ALLUVIUM)	gravelly sandy CLAY. Gravel f flint and quartz.	1.60		60.77		
2.00 -	30	0%	2.00	SPT	N=17 (6,6,4,6,4,3)			2 <del>-</del>		(1.00)			
			2.70	D			Very dense light brown slightly clayey s is angular fine to coarse of limestone. (RIVER TERRACE DEPOSITS)	slightly sandy GRAVEL. Gravel	2.60	(0.40)	59.77	× · × · »	
			3.00	SPT	50/265mm		Fnd of Borehole a	t 3.00m	3.00		59.37	^ · · · × × · · · · ·	
					(5,5,4,10,26,10)			4- - - - - - - - - - - - - - - - - - -					

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Groundwater encountered at 1.30m bgl. 3) Refusal at 3.00m bgl during drilling. 4) Gas and groundwater monitoring pipe installed to 2.50m bgl. Response zone between 1.50m bgl and 2.50m bgl.



Borehole No WS211

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 31/08/2022 Logged By: AA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447209.60, 213419.40 Checked By: CV Rig: Dart Terrier

Hydroc	k Proj	ect No	: C-191	14-C		Groun	d Level: 68.29m OD		5	Scale	e: 1:	30	
	ole Run	Info		Test	ting	Water-	Stratum Desc	cription	£ _	Thickness (m)	- O	pue	'um- tion
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stiff (dry) slightly sandy slightly gravelly		Depth mbgl		Level m OD	Legend	Instrum- entation
			0.10	ES			rootlets. Gravel is subangular to subrouquartz.	unded, fine to coarse, flint and	0.20	(0.20)	68.09		
			0.30	D			\(\lambda\)(AGRICULTURALLY DISTURBED TOF Stiff (dry) slightly sandy slightly gravelly rootlets. Gravel is angular to subround limestone.	CLAY with occasional	0.50	(0.30)	67.79		
							(HEAD DEPOSITS) Stiff yellow brown slightly sandy slightly subangular to rounded, fine to coarse (HEAD DEPOSITS)	y gravelly CLAY. Gravel is of flint and quartz.		(0.50)			
			1.00	SPT	N=20 (7,6,5,6,4,5)		Stiff orange brown sandy slightly grave subrounded fine to medium of flint and (HEAD DEPOSITS)		1.00	(0.50)	67.29		
								-	1.50		66.79		
				_			Medium dense brown clayey slightly gr angular to subrounded fine to medium (RIVER TERRACE DEPOSITS)	ravelly SAND. Gravel is of flint and quartz.					
			1.80	D				- -					
			2.00	SPT	N=14 (4,4,4,3,3)			2 -		(1.30)			
			2.90 3.00	D SPT	N=3 (1,0,1,0,1,1)		Very loose yellow brown, grey and oral occasional angular, fine to medium flint (RIVER TERRACE DEPOSITS) At 3.00m bgl: Gravelly.	nge clayey SAND with gravel. 3 -	2.80	(0.70)	65.49	× × × × × × × × × × × × × × × × × × ×	
								-	3.50	(0.70)	64.79	× × × × × × × ×	
							Soft grey and orange sandy CLAY with flint gravel.	rare angular fine to medium	0.00		01.70		
							(RIVER TERRACE DEPOSITS)			(0.75)			
			4.00	SPT	50/105mm (13,12,32,18)			4 -	4.25		64.04		
							End of Borehole a	1.4.25m					
								5-					
								6 -	1				

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 4.25m bgl on SPT. 3) Groundwater encountered at 2.80m bgl. 3) Gas and groundwater monitoring pipe installed to 3.50m bgl. Response zone between 2.80m bgl and 3.50m bgl.



Borehole No WS212

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 30/08/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447453.10, 213622.69 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-1911/J-C Ground Level: 67 98m OD Scale: 1:30

y ai 00i	K FIOJ	ect No	: C-191	14-C		Ground	d Level: 67.98m OD		- 1	Scale	e: 1:	30	
Samp Sample	le Run			Tes		Water- Strikes	Stratum Desc	cription	g th	Thickness (m)	rel OD	Legend	Instrum- entation
Run	Run Ø	Recovery	Depth (m) 0.20	Type	Results	Guines	Stiff desiccated brown slightly sandy sl rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOF		ng m	(0.30)	Level m OD	Fee	Inst
			0.30 - 1.20	В			Very dense brown sandy sub-angular t and sandstone GRAVEL. (RIVER TERRACE DEPOSITS)		0.30	(0.90)	67.68		
			1.20	SPT	50/275mm (6,9,12,14,14,10)		End of Borehole a	1 - it 1.20m	1.20		66.78		
									-				
								3 -	-				
								4 <del>-</del>					
									-				
								5-					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 1.20m bgl. 4) Borehole backfilled with arisings on completion.



Borehole No WS213

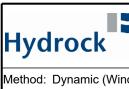
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 22/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447703.48, 213607.39 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-1911/J-C Ground Level: 68 30m OD Scale: 1:30

/droc	k Proj	ect No	: C-191	14-C		Ground	d Level: 68.30m OD				e: 1:	30	
	le Run	Info		Tes	ting	Water-	Stratum Desc	rintion	۲_	Thickness (m)	-0	p.	- Lu
ample Run	Run Ø	Recovery	Depth (m)	Type	Results	Strikes			Depth mbgl	Thick (m)	Level m OD	Legend	Instrum- entation
			0.10	ES			Brown slightly gravelly slightly silty SAN rounded, fine to medium of flint and qua (AGRICULTURALLY DISTURBED TOF	artz. PSOIL)	0.30	(0.30)	68.00		
			0.50	ES			Brown sligtly sandy slightly gravelly SIL rounded fine to coarse, of flint and quar (RIVER TERRACE DEPOSITS)	T. Gravel is angular to		(0.40)		× 0 - 0,	
			0.80	D			Dense brown gravelly SAND. Gravel is medium of flint and quartz. (RIVER TERRACE DEPOSITS)	angular to rounded fine to	0.70		67.60	<u>~~</u>	
			1.20	SPT	N=27		(NVER PERIODE SEI SOITS)	1-		(0.70)			
			1.20	251	N=37 (8,9,9,10,9,9)		Dense dark brown and brown slightly g	ravelly SAND. Gravel is	1.40		66.90		
			1.60	D			angular to rounded fine to medium of fli (RIVER TERRACE DEPOSITS)	int and quartz		(0.60)			
			2.00	SPT	N=43 (9,11,10,11,11,11		Dense light brown slightly gravelly SAN to medium of flint and quartz.	ID. Gravel is subrounded, fiine <sup>2</sup>	2.00		66.30		
			2.20	D	)		(RIVER TERRACE DEPOSITS)						۰
										(1.00)			٠
			3.00	SPT	N=48 (18,7,14,12,11,11		Dense beocming very Dense brown SA	AND & GRAVEL. Gravel is	3.00		65.30		
			3.20	D			angular to rounded, fine to medium of f (RIVER TERRACE DEPOSITS)	iint and quartz. - - -		(0.70)			
			3.70	SPT	50/145mm		End of Borehole at	- - : 3.70m	3.70		64.60		٠
			3.70	D	(25,28,22)			- - 4 <b>-</b>					
								-					
								- -					
								5 - - -					
								- - -					
								; ;					
								- 6 -					

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 3.70m bgl on SPT. 3) No groundwater encountered. 3) Gas and groundwater monitoring pipe installed to 3.70m bgl. Response zone between 1.00m bgl and 3.70m bgl.



Borehole No WS214

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 23/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447992.19, 213674.37 Checked By: CV Rig: Dart Terrier Scale: 1:30

Hvdrock Project No: C-19114-C Ground Level: 68 15m OD

yuroci	k Proj	ect No	: C-191	14-C		Ground	d Level: 68.15m OD		5	Scale	: 1:	30	
Samp	le Run	Info		Tes	ting	Water-				ssəı		ъ	<u></u>
ample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	cription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum-
			0.10	ES			Brown slightly gravelly slightly silty SAI rounded, fine to coarse of flint and qua (AGRICULTURALLY DISTURBED TOF	ND. Gravel is angular to		(0.40)			
			0.50	ES			Brown to orange brown slightly gravelly is angular to rounded, fine to medium, (RIVER TERRACE DEPOSITS)	y slightly clayey SAND. Gravel	0.40	(0.40)	67.75		
			0.90	D			Very dense brown gravelly slightly clay medium, angular to rounded, flint, quar (RIVER TERRACE DEPOSITS)	ey SAND. Gravel is fine to tz and limestone.	0.80	(0.40)	67.35		
			1.20	SPT	50/225mm (13,12,15,17,18)	•	End of Borehole a	t 1.20m	1.20		66.95		•:}
								- - -					
								- 2 -					
								- -					
								- 3 <b>-</b> -					
								- - -					
								- - -					
								- - 4 -					
								-					
								- -					
								- - 5 -					

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 1.20m bgl on SPT. 3) Groundwater encountered at 1.30m bgl at base of SPT. 4) Gas and groundwater monitoring pipe installed to 1.20m bgl. Response zone between 0.90m bgl to 1.20m bgl.



Borehole No WS215

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 25/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448414.23, 213764.25 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-1911/J-C Ground Level: 62 11m OD Scale: 1:30

Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 62.11m OD			Scale	e: 1	:30	
Samp	ole Run	Info		Tes	ting	Water-	Stratum Dags	rintion		ness		рu	<u></u> = 5
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	cription	Depth	Thickness (m)	Level m OD	Legend	Instrum- entation
			0.20	ES			Stiff dark brown slightly gravelly sandy rounded fine to coarse of flint and quar (AGRICULTURALLY DISTURBED TOF	tz. PSOIL)	0.40	(0.40)	61.71		
			0.50	ES			Firm brown, grey and orangish brown s (ALLUVIUM)		0.80	(0.40)	61.31	×_×_ ×_×_ ×_×_	
			0.90	D			Soft orangish brown and light grey slight (ALLUVIUM)		1.00	(0.20)	61.11		
1.20 - 2.00		100%	1.10 1.20	D SPT	N=16 (3,3,4,3,4,5)		Medium dense brown and orangish bro GRAVEL. Gravel is angular to sub angi limestone. (RIVER TERRACE DEPOSITS)		-	(0.50)			
			1.60	D			Medium dense light brown slightly grav to rounded fine to medium of flint and o (RIVER TERRACE DEPOSITS)	velly SAND. Gravel is angular quartz.	1.50		60.61	× × × × × × × × × × × × × × × × × × ×	
2.00 - 3.00		60%	2.00	SPT	N=12 (3,2,1,2,4,5)	_		2 <del>-</del>	-	(1.00)		× × × × × × × × × ×	
			2.60	D			Very dense brown SAND & GRAVEL. ( fine to medium of flint and quartz. (RIVER TERRACE DEPOSITS)	Gravel is angular to rounded,	2.50	(0.50)	59.61	×××	
			3.00	SPT	50/230mm (1,2,6,10,25,9)		End of Borehole a	t 3.00m	3.00		59.11		
								4- - - - - - -					

General Remarks:
1) Hand dug pit to 1.20m bgl. 2) Refusal at 3.00m bgl on SPT. 3) Groundwater encountered at 1.20m bgl. 4) Gas and groundwater monitoring pipe installed to 2.70m bgl. Response zone between 1.00m bgl to 2.70m bgl.



Borehole No WS216

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 30/08/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447404.73, 213399.87 Checked By: CV Rig: Dart Terrier

e Run	Info	: C-191	14-C Test	ina	Ground	d Level: 67.87m OD			Scale		30	
			Test	ina				1				
	Recovery	Depth (m)	Туре	Results	Water- Strikes	Stratum Desc	cription	Depth nbgl	Thickness (m)	Level Level	Legend	Instrum- entation
		0.20	ES			Stiff desiccated brown slightly sandy sl rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TO			(0.30)			
		0.50	ES			Loose brown slightly clayey gravelly S, rounded fine to coarse of flint and sand (RIVER TERRACE DEPOSITS)	AND. Gravel is angular to sub- dstone.	0.30		67.57		
110mm	90%	1.20	SPT	N=9 (1,1,1,2,3,3)			1.	-	(1.20)			
		1.50 - 4.00	В			Medium dense yellowish brown sandy coarse flint sandstone and limestone (RIVER TERRACE DEPOSITS)	sub-angular to rounded fine to GRAVEL.	1.50		66.37		
110mm	100%	2.00	SPT	N=26 (7,7,6,6,7,7)			2 ·	-				
110mm	100%	3.00	SPT	N=27 (4,4,5,5,7,10)			3 -		(3.95)			
		4.00 4.00 - 5.00	SPT B	N=31 (4,4,6,9,8,8)	•		4	-	()			
		5.00	SPT	N=27 (3,4,5,5,6,11)			5 ·	-				
1'	10mm	10mm 100%	10mm 90% 1.20 1.50 - 4.00 10mm 100% 2.00 10mm 100% 3.00 4.00 - 5.00	10mm 90% 1.20 SPT 1.50 - B 4.00 SPT 4.00 SPT 4.00 SPT 4.00 B	10mm 90% 1.20 SPT N=9 (1,1,1,2,3,3) 1.50 - 4.00 SPT N=26 (7,7,6,6,7,7)  10mm 100% 3.00 SPT N=27 (4,4,5,5,7,10)  4.00 SPT N=31 (4,4,6,9,8,8) 5.00 SPT N=27	10mm 90% 1.20 SPT N=9 (1,1,1,2,3,3) 1.50 - 4.00 SPT N=26 (7,7,6,6,7,7)  10mm 100% 3.00 SPT N=27 (4,4,5,5,7,10)  4.00 SPT N=31 (4,4,6,9,8,8) 5.00 SPT N=27	10mm   100%   2.00   SPT   N=26 (7.7.6.6.7.7)   N=27 (3.4.5.5.6.11)   N=27 (3.4.5.5.6.	10mm   90%   1.20   ES	10mm   100%   2.00   SPT   N=26 (7,7,6,6,7,7)   N=27 (3,4,5,5,5,11)   Spy   N=27 (3,	10mm   100%   2.00   SPT   N=26 (7.7.8.6.7.7)   N=26 (4.4.5.5.7.10)   N=27 (3.4.5.5.6.11)   N=27 (3.4.5.5.6.	10mm   100%   2.00   SPT   N=26 (7.7.8.6.7.7)   SPT (4.4.5.5.7.10)   SPT (4.4.5.9.8.8)   SPT (3.4.5.5.6.11)   SPT (3.4.5.6.11)   SPT (3	10mm   90%   1.20   SPT   N=9 (1.1.12.3.3)   1.50 - 4.00   SPT   N=28 (7.7.5.6.7.7)   10mm   100%   3.00   SPT   N=27 (4.4.5.5.7.10)   SPT   N=27 (3.4.5.5.6.11)   SPT   SPT

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 4.00m, no rise. 3) Borehole completed at 5.45m bgl. 4) Gas and groundwater monitoring well installed to 4.00m, response zone between 1.00m and 4.00m bgl.



Borehole No WS217

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 23/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447607.76, 213415.35 Checked By: CV Rig: Dart Terrier

ydrocl	k Proj	ect No	: C-191	14-C		Ground	Level: 68.52m OD		5	Scale	e: 1:	30	
	le Run			Test	ting	Water-	<u> </u>			ssəu		p_	占두
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	cription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
			0.10	ES			Brown slightly gravelly slightly silty SAI 3mm. Gravel is angular to rounded fir quartz. (AGRICULTURALLY DISTURBED TOF Orange brown slightly silty slightly grav to rounded, fine to medium of flint and (RIVER TERRACE DEPOSITS)	ND with occasional roots te to medium of flint and  PSOIL)  relly SAND. Gravel is angular	0.30	(0.30)	68.22		
			0.70	ES			Dense orange brown slightly gravelly c	lavev SAND. Gravel is angular	0.80		67.72		
			1.00	D			to rounded, fine to medium of flint and (RIVER TERRACE DEPOSITS)						:: <u>.</u>
			1.20	SPT	N=30 (7,5,4,7,9,10)					(0.70)			-
			1.70	D			Dense light brown SAND & GRAVEL. Consumer of the subrounded, fine to coarse of liemstone (RIVER TERRACE DEPOSITS)	Gravel is angular to	1.50		67.02		
			2.00	SPT	N=34 (8,6,5,7,10,12)			- 2 -		(1.10)			
							Very dense brown and light brown sligh	ntly gravelly SAND. Gravel is	2.60		65.92		
			2.70	D			fine to medium, agular to rounded flint (RIVER TERRACE DEPOSITS)	and limestone.		(0.40)			
			3.00	SPT	50/135mm (20,5,22,28)		End of Borehole a	13.00m	3.00		65.52	***************************************	¥///
								4-					
								- - - 5 -					
								:					
								1					

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 3.00m bgl on SPT. 3) No groundwater encountered. 3) Collapse of hole from 3.00m bgl to to 2.00m bgl. 5) Gas and groundwater monitoring pipe installed to 2.00m bgl. Response zone between 1.20m bgl and 2.00m bgl.



Borehole No WS218

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 24/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448043.72, 213589.50 Checked By: CV Rig: Dart Terrier

								,	۱,	<del>.</del>			
ydrock	k Proj	ect No	: C-191	14-C		Ground	d Level: 68.42m OD			Scale		30	
Sample	le Run	Info Recovery	Depth (m)	Tes	ting Results	Water- Strikes	Stratum Desc	cription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum-
Run		,	0.10	ES			Brown slightly silty slightly gravelly SAN rounded, fine to medium, flint and quar (AGRICULTURALLY DISTURBED TOP	tz.		(0.30)	68.12		=
			0.60	ES			Brown and orangish brown slightly silty Gravel is angular to rounded fine to me (RIVER TERRACE DEPOSITS)		0.30	(0.60)	68.12		
			1.00	D			Dense rown slightly clayey slightly grav medium of flint, limestone and quartz. (RIVER TERRACE DEPOSITS)	velly SAND. Gravel is fine to	0.90		67.52		
			1.20	SPT	N=43 (8,10,10,10,11,12 )		,	- - -		(0.60)			
			1.60	D			Brown sandy GRAVEL. Gravel is angul and flint. (RIVER TERRACE DEPOSITS)	lar fine to coarse of limestone	1.50	(0.40)	66.92	× × .> × × .>	
			2.00	SPT	N=50 (13,11,13,14,19,4		Very dense light brown slightly gravelly subrounded, fine to medium of flint and		1.90 2.00	(0.10)	66.52 66.42	× * * . * . * . * . * . * . * . * . * .	
			2.00	D	)		(RIVER TERRACE DEPOSITS) End of Borehole a	t 2.00m					
								- - -					
								3 <b>-</b> - -					
								-					
								- - -					
								4 -					
								- - -					
								- - 5 -					
								- -					
								- -					
								- - 6 -					

General Remarks:
1) Hand dug pit to 1.20m bgl. 2) Refusal at 2.00m bgl on SPT. 3) No groundwater encountered 4) Gas and groundwater monitoring pipe installed to 1.80m bgl. Response zone between 1.00m bgl and 1.80m bgl.



Borehole No WS219

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 24/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448376.88, 213618.45 Checked By: CV Rig: Dart Terrier

lydrocl	k Proj	ect No	: C-191	14-C		Groun	d Level: 65.68m OD			Scale	e: 1:	30	
	ole Run	Info		Tes	ting	Water-	Stratum Desc	crintion	£_	Thickness (m)	<del>-</del> 0	pue	- un
Sample Run	Run Ø	Recovery	Depth (m) 0.20	Type	Results	Strikes	Brown slightly silty slightly gravelly SAI rounded, fine to medium, flint and quar (AGRICULTURALLY DISTURBED TOF	ND. Gravel is angular to tz.	Dept	(m) (D.40)	Level m OD	Pregend	Instrum- entation
			0.70	ES			Brown and orangish brown slightly silty Gravel is angular to rounded fine to me (RIVER TERRACE DEPOSITS)	r slightly gravelly SAND.	0.40	(0.60)	65.28		
			1.10 1.20	D SPT	N=23 (6,6,6,6,5)		Medium dense brown clayey SAND. (KELLAWAYS SAND MEMBER)	- 1- - -	1.00	(0.50)	64.68	× × × × × × × × × × × × × × × × × × ×	
			1.60	D			Stiff light brown, greyish brown and ora occasional roots <2mm. (KELLAWAYS SAND MEMBER)	angish brown sandy CLAY with	1.50	(0.40)	64.18	× × × × × × × × × × × × × × × × × × ×	
			2.00	SPT D	N=8 (1,2,1,2,2,3)		Firm grey and orangish brown CLAY w fine to medium sand. (KELLAWAYS CLAY MEMBER)	ith fine gravel sized pockets of 2	1.90	(0.60)	63.78		
			2.60	D			Stiff grey CLAY. (KELLAWAYS CLAY MEMBER)		2.50		63.18		
			3.00 3.20 - 4.00	SPT B	N=10 (2,2,1,2,3,4)			3-					
			4.00 4.20 - 5.00	SPT B	N=11 (2,1,3,2,3,3)			- 4- - - -		(2.50)			
			5.00	SPT	50/75mm (2,3,50)		End of Borehole a	it'5.00m 8	5.00		60.68		

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 5.00m bgl on SPT. 3) No groundwater encountered 4) Gas and groundwater monitoring pipe installed to 5.00m bgl. Response zone between 1.00m bgl and 5.00m bgl.



Borehole No WS220

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 24/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448441.55, 213653.64 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-19114-C Ground Level: 62.56m OD Scale: 1:30

<del>,</del>		. 6-191	14-0		Ground	Level. 62.56III OD			e. i.	30	
Sample Run			Test		Water- Strikes	Stratum Description	£ ~	Thickness (m)	la Ci	Legend	Instrum- entation
Run Ø	Recovery	0.10	Type	Results	Cuines	Brown slightly silty slightly gravelly SAND. Gravel is angular to rounded, fine to medium, flint and quartz.	Dec	(0.30)	Level m OD	Leg	Inst
		0.60	ES			(AGRICULTURALLY DISTURBED TOPSOIL)  Brown and orangish brown slightly clayey SAND. Gravel is angular to rounded fine to medium of flint. (ALLUVIUM)	0.30	(0.90)	62.26		
		1.20	SPT D	N=5 (2,2,1,2,1,1)		Firm brown and orangish brown sandy CLAY. (ALLUVIUM)	1.20	(0.40)	61.36		
		1.70	D		_	Soft orangish brown slightly sandy silty CLAY. (ALLUVIUM)	1.60	(0.40)	60.96	× × × ×	
		2.00 2.00 - 2.60	SPT B	N=15 (2,3,2,4,5,4)		Medium dense to very dense brown and dark brown SAND & GRAVEL. Gravel is angular to rounded fine to medium of flint and quartz. (RIVER TERRACE DEPOSITS)		(1.00)	59.56		
		3.00	SPT	50/105mm (8,15,33,17)		End of Borehole at 3.00m					
						5					

General Remarks:
1) Hand dug pit to 1.20m bgl. 2) Refusal at 3.00m bgl on SPT. 3) Groundwater encountered at 2.00m bgl. 4) Gas and groundwater monitoring pipe installed to 3.00m bgl. Response zone between 1.00m bgl and 3.00m bgl.



Borehole No WS221

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 01/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447367.72, 213253.11 Checked By: CV Rig: Dart Terrier

Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 67.84m OD			Scal	e: 1:	30	
	ole Run	Info		Tes	ting	Water-	Stratum Desc	ription	Ī_	Thickness (m)	- 0	Pu	-m.ioi
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes		•	Dept	Hig.	Level m OD	Legend	Instrum- entation
			0.20	ES			Stiff desiccated brown slightly sandy sl rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOF Medium dense brown slightly gravelly	PSOIL) clayey SAND. Gavel is sub-	0.30	(0.30)	67.54		
			0.60	D			angular to rounded fine to coarse of flir (RIVER TERRACE DEPOSITS)	it and sandstone.		(1.30)			.*
1.20 - 2.00	110mm	100%	1.20	SPT	N=16 (2,2,3,3,5,5)		Light brown slightly gravelly CLAY. Gra	uel is sub-angularta raundad	1.60		66.24		
			1.70	D			fine to coarse of flint and sandstone. (RIVER TERRACE DEPOSITS)	•	-				
			2.00	SPT	50/265mm (7,9,12,14,14,10)			2	-	(0.80)		* * * * * * * * * * * * * * * * * * * *	
							End of Borehole a	t 2.40m	2.40		65.44	· · · · ·	
								3					
									-				
									-				
								4	-				
									-				
									-				
								5	-				
									-				
									-				
									1				
	1	1				1		6	4				

General Remarks:
1) Hand dug pit to 1.20m bgl. 2) Refusal at 2.40m bgl on SPT. 3) No groundwater encountered 4) Gas and groundwater monitoring pipe installed to 2.00m bgl. Response zone between 1.00m bgl and 2.00m bgl.



Borehole No WS222

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 25/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447964.87, 213420.06 Checked By: CV Rig: Dart Terrier Scale: 1:30 Hydrock Project No: C-19114-C Ground Level: 68.14m OD

Hydroc	k Proj	ect No	: C-191	14-C		Ground	Level: 68.14m OD				e: 1:	30	
Samp	ole Run	Info		Tes	ting	Water-	<b>a.</b> . –			sset		p p	┢동록
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	ription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
			0.20	ES			Dark brown slightly silty slightly gravelly <2mm. Gravel is angular to rounded fin quartz (AGRICULTURALLY DISTURBED TOF	y SAND with occasional roots le to medium of flint and - PSOIL)		(0.40)			
			0.60	ES			Brown and orangish brown slightly clay SAND. Gravel is angular to rounded fin quartz. (RIVER TERRACE DEPOSITS)	yey slightly silty slightly gravelly le to medium of flint and .	0.40	(0.40)	67.74		
			1.00	D			Brown slightly gravelly clayey SAND. G fine to medium of flint and quartz. (RIVER TERRACE DEPOSITS)	Gravel is angular to rounded		(0.40)			
1.20 - 2.00		100%	1.20 1.30	SPT D	N=28 (4,4,4,7,9,8)		Medium dense becoming very dense lip SAND & GRAVEL. Gravel is angular to flint and quartz. (RIVER TERRACE DEPOSITS)	ght brown and light grey	1.20		66.94		
2.00 -		100%	2.00	SPT	N=43			2-		(1.40)			
2.60			2.00 - 2.60	В	(11,9,9,10,10,14)								
			2.60	SPT	50/115mm (25,32,18)		End of Borehole a	12.60m	2.60		65.54		
								3 -					
								4 -					
								-					
								5 -					
								6 -					

General Remarks:
1) Hand dug pit to 1.20m bgl. 2) Refusal at 2.60m bgl on SPT. 3) No groundwater encountered 4) Gas and groundwater monitoring pipe installed to 2.60m bgl. Response zone between 0.80m bgl and 2.60m bgl.



Borehole No WS223

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 24/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448293.75, 213542.69 Checked By: CV Rig: Dart Terrier

ydrocl	k Proj	ect No	: C-191	14-C		Ground	d Level: 67.12m OD			Scale	e: 1:	30	
Sample	le Run	1	Depth (m)	Tes	ting Results	Water- Strikes	Stratum Desc	cription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
Run	TKIIT D	recovery	0.10	ES	results		Brown slightly silty slightly gravelly SAI rounded, fine to medium, flint and quar (AGRICULTURALLY DISTURBED TOF	tz.	ΔE	(0.40)	3 E	I P	<u>트</u> 한
			0.50	ES			Brown and orangish brown slightly silty Gravel is angular to rounded fine to me quartz. (RIVER TERRACE DEPOSITS)	y slightly gravelly SAND. edium of flint, limestone and	0.40	(0.50)	66.72		
			1.00	D			Dense light brown gravelly SAND. Gra limestone and flint. (RIVER TERRACE DEPOSITS)	vel is angular to sub angular of	0.90	(0.50)	66.22	× × × × × × × × × × × × × × × × × × ×	
			1.20	SPT D	N=43 (9,9,9,12,11,11)		Brown and orangish brown slightly clay is angular to sub angular of limestone.		1.40		65.72	× × × × × × × × × × × × × × × × × × ×	
							(RIVER TERRACE DEPOSITS)  Very dense orangish brown SAND & G	RAVEL. Gravel is angular to	1.80	(0.40)	65.32		
			2.00	SPT D	50/210mm (18,7,20,17,13)		rounded of flint, limestone and quartz. (RIVER TERRACE DEPOSITS) End of Borehole a	at 2.00m	2.00	(0.20)	65.12		
								3 -					
								4 <del>-</del>					
								5 -					
								6-					

General Remarks:
1) Hand dug pit to 1.20m bgl. 2) Refusal at 2.00m bgl on SPT. 3) No groundwater encountered 4) Gas and groundwater monitoring pipe installed to 2.00m bgl. Response zone between 1.00m bgl and 2.00m bgl.



Borehole No WS224

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 08/09/2022 Logged By: NT Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448543.41, 213592.23 Checked By: CV Rig: Dart Terrier

Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 61.94m OD				e: 1:	30	
Sample	ple Run		Depth (m)	Test	ing Results	Water- Strikes	Stratum Desc	cription	epth bgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
Run	ruii 2	recevery	0.10	ES	results		Brown slightly clayey slightly gravelly S angular, sine to coarse of flint and lime (AGRICULTURALLY DISTURBED TOF Cream slightly sandy gravelly limeston (MADE GROUND)	SAND. Gravel is subangular to stone.	<u>∆</u> E 0.15	(0.15)	61.79		in the second se
			0.50	SPT	N=9 (7,4,3,2,2,2)			-	0.80	(0.65)	61.14		
			1.00	SPT D	50/215mm (1,2,8,18,24)		Firm orange and grey sandy slightly gr subangular to subrounded, fine to coar (ALLUVIUM)  Soft grey and orange sandy CLAY with	rse of flint.  1 -  1 black remnant rootlets and	1.10	(0.30)	60.84		
						•	with rare subangular to angular gravel. (ALLUVIUM) Orange sandy subangular to rounded, (RIVER TERRACE DEPOSITS) End of Borehole a	fine to coarse, flint GRAVEL.	1.30 1.37	(0.20)	60.64 60.57	• • • • •	
								- - - 2-					
								- - 3-					
								- - -					
								5- - -					
								- -					
								- - 6 -					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 1.30m bgl. 3) Borehole terminated on SPT refusal at 1.365m bgl. 4) Gas and groundwater monitoring well installed to 1.30m, response zone between 1.00m and 1.30m bgl.



Borehole No WS225

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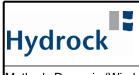
Method: Dynamic (Windowless) Sampler Date(s): 31/08/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447426.02, 213163.40 Checked By: CV Rig: Dart Terrier

Hydrock Project No: C-19114-C	Ground Level: 67.49m OD		Scale: 1:30
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,	к Рюј	ect ivo	: C-191	14-C		Ground	d Level: 67.49m OD				e: 1:	30	
	ple Run	Info		Tes	ting	Water-	O:		_	ness		Þ	┢동특
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	ription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
			0.20	ES			Stiff desiccated brown slightly sandy sli rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOF Light brown slightly sandy slightly grave	ightly gravelly CLAY. Gravel is  PSOIL)	0.30	(0.30)	67.19		
			0.60 0.70	ES D			angular to rounded fine to coarse of flir (RIVER TERRACE DEPOSITS)	it and sandstone.					
1.20 - 2.00	110mm	100%	1.20	SPT	N=16 (1,1,3,4,4,5)			1- - -		(1.70)			
			1.20 - 2.00	В				- - -					
			2.00	SPT	50/135mm (20,5,25,25)		End of Borehole a	t 2.00m	2.00		65.49		
								3					
								- - 6 <b>-</b>					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 2.00m bgl. 4) Gas and groundwater monitoring well installed to 2.00m, response zone between 1.00m and 2.00m bgl.



Borehole No WS226

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 23/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447758.82, 213196.46 Checked By: CV Rig: Dart Terrier

Olicit.	OXIOI C	Ollive	Sigily D	CVCIOP	micht.	00-01u	s. 447730.02, 213190.40	Checked by. CV	]'	ig. L	Jan t	ICITICI	
Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 67.70m OD			Scale		30	
Samp	ole Run			Tes	T .	Water- Strikes	Stratum Desc	cription	oth g	Thickness (m)	/el 3D	Legend	Instrum- entation / Backfill
Run	Run Ø	Recovery	Depth (m) 0.20	Type	Results		Brown slightly silty slightly gravelly SAI rounded, fine to medium, flint and quar (AGRICULTURALLY DISTURBED TO	ND. Gravel is angular to tz.	Det	(m) (0.40)			Inst enti
			0.60	ES			Very dense light brown, slightly silty SA angular ro subrounded, fine to medium (RIVER TERRACE DEPOSITS)	AND & GRAVEL. Gravel is of flint, limestone and quartz.	0.40		67.30		
			1.20	SPT	50/235mm (10,13,14,16,17, 3)			1- - -	-	(1.15)			
					,		End of Borehole a	t 1.55m	1.55		66.15		
								- - 2 -					
									-				
								- - -					
								3 - - -					
								- - 4 -					
								-					
								5-					

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 1.55m bgl on SPT. 3) No groundwater encountered. 4) Gas and groundwater monitoring pipe installed to 1.00m bgl. Response zone between 0.70m bgl and 1.00m bgl.



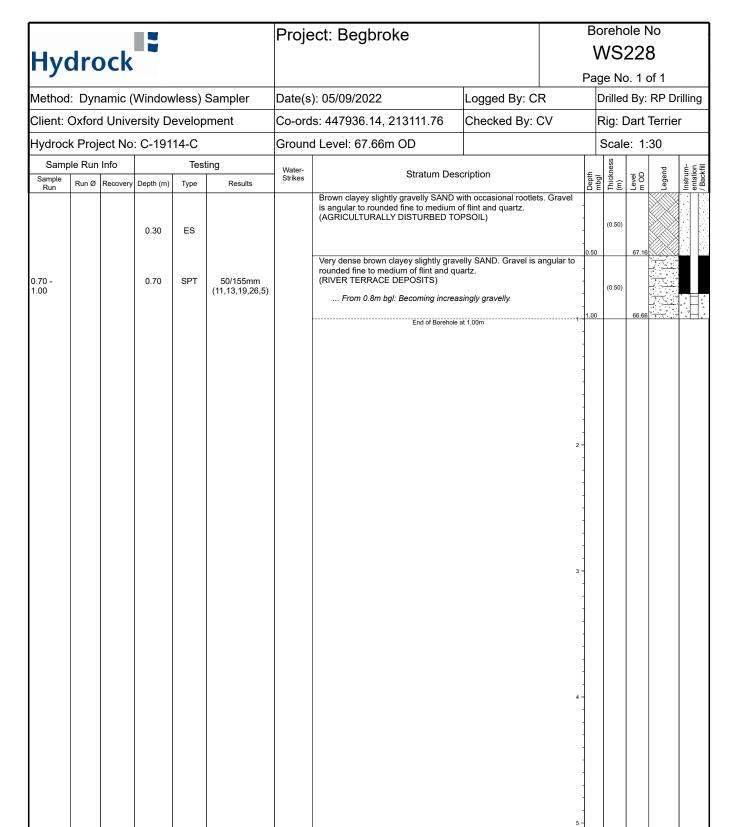
Borehole No WS227

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Method: Dynamic (Windowless) Sampler Date(s): 23/08/2022 Logged By: MH Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447923.72, 213321.95 Checked By: CV Rig: Dart Terrier

ydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 68.21m OD			Scale		30	
Sample	ole Run		Depth (m)	Tes	ting Results	Water- Strikes	Stratum Desc	cription	epth bgl	Thickness (m)	Level m OD	Legend	Instrum- entation
Run	Run Ø	Recovery	0.30	ES	Results		Brown slightly gravelly slightly silty SAI rounded, fine to medium of flint and qu (AGRICULTURALLY DISTURBED TOR	artz.	0.40	(0.40)	<b>9</b> E 67.81	P	ll s
			0.70	ES			Soft brown slightly sandy slightly grave rounded, fine to medium of flint and qu (RIVER TERRACE DEPOSITS)	elly CLAY. Gravel is angular to artz.	0.40	(0.60)	67.81		
			1.10 1.20	D SPT	N=6 (3,2,2,1,1,2)		Loose brown slightly clayey SAND & G rounded, fine to coarse of flint, llimesto (RIVER TERRACE DEPOSITS)		1.00	(0.40)	67.21		
			1.60	D			Dense to very dense brown slightly cla is angular to rounded, fine to medium of (RIVER TERRACE DEPOSITS)	yey SAND & GRAVEL. Gravel of flint and quartz.	1.40		66.81		
			2.00	SPT	N=48 (10,10,11,11,12,1 4)			2 <del>-</del>		(1.30)			
			2.00	D			From 2.50m bgl: Becoming dark b	orown.					· .
			2.60 2.70	D SPT	50/225mm (20,5,17,16,17)		End of Borehole a	•	2.70		65.51		
								3 -					
								4-					
								· ·					
								- - - 5 -					
								6-					

General Remarks:
1) Hand dug pit to 1.20m bgl. 2) Refusal at 2.70m bgl on SPT. 3) No groundwater encountered. 4) Gas and groundwater monitoring pipe installed to 2.70m bgl. Response zone between 1.00m bgl and 2.70m bgl.



### General Remarks:

1) Hand dug pit to 0.70m bgl. 2) Refusal at 1.00m bgl on SPT. 3) No groundwater encountered. 4) Gas and groundwater monitoring pipe installed to 1.00m bgl. Response zone between 0.80m bgl and 1.00m bgl.



Borehole No WS229

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 02/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448017.80, 213190.39 Checked By: CV Rig: Dart Terrier Scale: 1:30

Hydrock Project No: C-19114-C Ground Level: 68.16m OD

Hydrock F	roje	ect No	: C-191	14-C		Ground	d Level: 68.16m OD		5	Scale	e: 1:	30	
Sample	Run	Info		Tes	ting	Water-				ssau		р	£ 5
Sample Run Ru	un Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	ription	Depth	Thickness (m)	Level m OD	Legend	Instrum- entation
1,001			0.10	ES			Stiff desiccated brown slightly sandy sli rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOF Brown slightly clayey slightly gravelly S rounded fine to coase of flint and sands (RIVER TERRACE DEPOSITS)	ghtly gravelly CLAY. Gravel is PSOIL) AND. Gavel is angular to sub-	0.15	(0.15)	68.01		
			0.60	ES D				-		(0.85)			
.20 - 110	0mm	100%	1.20	SPT	N=21		Medium dense becoming very dense ye Gravel is sub-angular to rounded fine to sandstone.	ellowish brown gravelly SAND.	1.00		67.16		
2.00			1.30 1.40 - 2.00	D B	(4,3,4,4,6,7)		(RIVER TERRACE DEPOSITS) from 1.20m to 1.40m bgl: Slightly of	clayey.		(1.00)			
			2.00	SPT	50/150mm (9,12,20,30)		End of Borehole at	12.00m	2.00		66.16		
								3 -					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 2.00m bgl. 4) Gas and groundwater monitoring well installed to 2.00m, response zone between 1.00m and 2.00m bgl.



Borehole No WS230

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 31/08/2022 Logged By: AA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448152.76, 213238.46 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-1911/J-C Ground Level: 66 91m OD Scale: 1:30

ıydroc	к Proj	ect No	: C-191	14-C		Ground	d Level: 66.91m OD		;	Scale	e: 1:	30	
	ole Run	Info		Tes	ting	Water-	Ctratum Dags	orintian		ness		Þ	<u> </u>
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc		Depth	Thickness (m)	Level m OD	Legend	Instrum- entation
			0.20	ES			Soft brown slightly sandy slightly grave rounded, fine to medium of flint. (AGRICULTURALLY DISTURBED TOP		-	(0.40)			
			0.60	ES			Soft orange brown sandy CLAY. Grave to medium of flint. (HEAD DEPOSITS)	el is subrounded to angular, fine	0.40	(0.60)	66.51		
									1.00		65.91		
			1.10 1.20	D SPT	50/225mm (8,13,16,16,18)		Very dense orange brown clayey grave subangular to subrounded, fine to coar (RIVER TERRACE DEPOSITS)		1.58	(0.58)	65.33		
							End of Borehole a	at 1.58m	1.00		00.00		
									-				
								2 -	1				
									-				
									-				
									-				
									-				
								3 -	1				
									1				
									-				
									-				
									-				
								4 -					
									-				
									-				
									-				
								5 -					
									-				
									-				
									-				
								6 -					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 1.58m bgl. 4) Gas and groundwater monitoring well installed to 1.20m, response zone between 1.00m and 1.20m bgl.



Borehole No WS231

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 31/08/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448266.84, 213204.22 Checked By: CV Rig: Dart Terrier Scale: 1:30

Hydrock Project No: C-19114-C Ground Level: 64.77m OD

Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 64.77m OD		5	Scale	e: 1:	30	
Samp	ple Run	Info		Tes	ting	Water-				ssəı		Р	£ 5
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	ription	Depth nbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
IXuii			0.20	ES			Stiff desiccated brown slightly sandy sli rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOF Stiff orangish brown slightly gravelly sa	ightly gravelly CLAY. Gravel is  PSOIL)	0.30	(0.30)	64.47		
			0.70	D			angular to sub-rounded fine to coarse of limestone. (HEAD DEPOSITS)	of flint sandstone and					
1.20 - 2.00	110mm	100%	1.20	SPT	N=25 (4,5,7,6,6,6)			1- -		(1.40)			
							Firm yellowish brown very sandy CLAY		1.70		63.07		
			1.80	D			(RIVER TERRACE DEPOSITS)	· -					
2.00 - 3.00	110mm	100%	2.00	SPT	N=10 (2,2,3,2,2,3)			2 - - -					
			2.50	D									
3.00 - 4.00	110mm	100%	3.00	SPT	N=7 (1,1,2,2,1,2)			3-		(3.10)			
			3.50	D			from 3.50m bgl: Becomes soft.						
4.00 - 5.00	110mm	100%	4.00	SPT	N=7 (1,2,1,2,2,2)			- 4- - -					
							Va. la dela circa del constante del constant		4.80		59.97		
			4.90 5.00	D SPT	N=3 (0,1,1,0,1,1)		Very loose dark orangish brown sandy coarse sandstone GRAVEL. (RIVER TERRACE DEPOSITS)	angular to sub-rounded line to 5-		(0.65)			
							End of Borehole a	+ E AEm	5.45		59.32		
								- - - - 6-					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole completed at 5.45m bgl. 4) Gas and groundwater monitoring well installed to 5.00m, response zone between 1.00m and 5.00m bgl.



Borehole No WS232

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 26/08/2022 Logged By: NT Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448473.49, 213371.17 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-19114-C Ground Level: 61.66m OD Scale: 1:30

пушос	K FIO	ect No	. 6-191	14-0		Ground	u Level. 61.00III OD	'	Scale	J. I.	30	
Samı	ole Run	Info		Tes	tina		·		SSE		_	<b>⊢</b> ⊂ :
Sample	1	Recovery	Depth (m)	Туре	Results	Water- Strikes	Stratum Description	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
Run		,,,,,,	0.20	ES			Light brown slightly gravelly slightly clayey SAND with occasional rootlets. Gravel is fine to coarse, subangular to subronded flint. (AGRICULTURALLY DISTURBED TOPSOIL)	-	(0.35)	7.5		= 0
							Brown slightly gravelly SAND. Gravel is fine to coarse, subangular to subrounded fint and quartz.	0.35	(0.15)	61.31		
			0.50	ES			(ALLUVIUM) Firm orange brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded, fine to coarse of flint and quartz.	0.50	(0.40)			
			0.80	D			(ALLUVIUM)  Medium dense light brown slightly gravelly slightly clayey SAND.	0.90		60.76		
1.20 -	110mm	100%	1.20	SPT	N=21		Gravel is subangular to angular fine to coarse of flint and quartz.  (RIVER TERRACE DEPOSITS)					
2.00			1.40	D	(3,3,3,5,6,7)			-	(0.80)			
						•		1.70		59.96		
							Brown gravelly slightly clayey SAND. Gravel is subangular to subrounded, fine to coarse of flint and quartz. (RIVER TERRACE DEPOSITS)	2.00	(0.30)	59.66		
2.00 - 3.00	110mm	100%	2.00	SPT	N=21 (6,5,5,6,5,5)		Medium dense brown slightly gravelly SAND. Gravel is fine to coarse, subangular to subrounded flint and quartz. (RIVER TERRACE DEPOSITS)	-	(0.30)			
l			2.50	D			Medium dense brown sandy subangular to rounded, fine to coarse of flint and limestone GRAVEL. (RIVER TERRACE DEPOSITS)	2.30		59.36	× ·× ·>	
			2.00					-			× ^ × × × ×	
3.00 <b>-</b> 4.00	110mm	100%	3.00	SPT	N=20 (7,8,6,5,5,4)		At 2.90m bgl: Coarse limestone and flint gravel.		(1.20)		× * * * * * * * * * * * * * * * * * * *	
								- - -			× ·× .> × ·× .>	
			3.70	D			Stiff closely fissured bluish grey CLAY with rare shell fragments. (KELLAWAYS CLAY MEMBER)	3.50		58.16		
4.00 -	110mm	100%	4.00	SPT	N=10		4	-			 	
5.00					(3,2,2,2,2,4)			_	(1.30)		 	
								-			 	
			4.60	SPT D	50/10mm (25,50)		End of Borehole at 4.80m	4.80		56.86	===	
							Life of Boreline at 4.0011					
								-				
								-				
							6.	-				

General Remarks:
1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 1.70m bgl. 3) Borehole completed at 4.80m bgl. 4) Gas and groundwater monitoring well installed to 3.00m, response zone between 1.00m and 3.00m bgl.



Borehole No WS233

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 08/09/2022 Logged By: NT Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448571.15, 213316.54 Checked By: CV Rig: Dart Terrier

-			: C-191			Ground	d Level: 61.48m OD			Scale		30	_
Sample	le Run <sub>Run</sub> Ø		Depth (m)	Test	ing Results	Water- Strikes	Stratum Desc	cription	bepth ibgl	Thickness (m)	Level m OD	Legend	Instrum- entation
Run		,	0.10	ES	1.55		Firm dry brown slightly gravelly sandy subrounded fine to coarse of flint. (AGRICULTURALLY DISTURBED TOFFirm orange sandy gravelly CLAY. Grasubrounded, fine to coarse of flint and	CLAY. Gravel is subangular to  PSOIL)  vel is subangular to	0.30	(0.30)	61.18	7	= 0
			0.50	ES			(ALLUVIUM)	- -	0.80	(0.50)	60.68		
			1.00	D			Firm orange and grey slightly sandy Cl subangular fine to coarse flint gravel. (ALLUVIUM)	_AY with rare subrounded to11		(0.70)			
			1.20	SPT	N=7 (1,2,2,1,2,2)			- -	1.50	(0.70)	59.98		
			1.60	D			Soft greenish grey slightly sandy CLAY subrounded, fine to coarse, limestone purple remnant rootlets. (ALLUVIUM)	and flint gravel. Occasional -	1.80	(0.30)	59.68		
			2.00	SPT	N=32 (5,5,6,9,9,8)	•	Medium dense orange sandy slightly c subrounded, fine to coarse, flint and lin (RIVER TERRACE DEPOSITS)	layey subangular to nestone GRAVEL. 2 - - - -					
			2.50	D				- - - -		(1.65)		× · · · · · · · · · · · · · · · · · · ·	
			3.00	SPT	N=27 (8,7,7,6,7,7)			3-				× · · · · · · · · · · · · · · · · · · ·	
							End of Borehole a	t 3.45m	3.45		58.03	X: 1,57	¥////
								- 4 - - -					
								:					
								5-					
								- 6 -1					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 2.00m bgl. encountered. 3) Borehole terminated at 3.45m bgl due to collapse to 2.60m bgl. Unable to case through gravels. 4) Gas and groundwater monitoring well installed to 2.80m, response zone between 1.30m bgl and 2.50m bgl.



Borehole No WS234

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 08/09/2022 Logged By: NT Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448807.02, 213381.35 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-19114-C Ground Level: 61.32m OD Scale: 1:30

ydrocl	k Proj	ect No	: C-191	14-C		Ground	Level: 61.32m OD		S	Scale	: 1:	30	
Samp	le Run	Info		Tes	ting	Water-				ess		ס	<b>έ</b> 5
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	cription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
			0.10	ES			Firm dry light brown sandy slightly grav coarse, subangular to subrounded flint (AGRICULTURALLY DISTURBED TOP	velly CLAY. Gravel is fine to . PSOIL)		(0.30)			
			0.50	ES			Firm grey CLAY with rare fine to mediu (ALLUVIUM)	m flint gravel.	0.30	(0.50)	61.02		
			0.70	D				-	0.80	(0.50)	60.52		
							Medium dense orange and grey SAND (RIVER TERRACE DEPOSITS)	1-					. • -
			1.20	SPT	N=28 (2,3,5,8,7,8)					(0.60)			
			1.20	D	, , , , , ,		Orange sandy subangular to rounded, limestone GRAVEL. (RIVER TERRACE DEPOSITS)	fine to coarse, flint and	1.40	(0.40)	59.92		
							Very dense light grey medium SAND.		1.80	(0.40)	59.52	× × ×	
			2.00	SPT	50/255mm (2,3,6,11,23,10)		(KELLAWAYS SAND MEMBER)	2 -		(0.61)			
								-	2.41	` ′	58.91		
							End of Borehole a	t 2.41m	2.41		50.51		¥22
								3 -					
								-					
								4 -					
								- - 5 -					
								6 -					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 2.00m bgl. 4) Gas and groundwater monitoring well installed to 2.00m, response zone between 1.00m and 2.00m bgl.



Borehole No WS235

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 05/09/2022 Logged By: CR Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447770.82, 212798.25 Checked By: CV Rig: Dart Terrier Scale: 1:30

Hydrock Project No: C-19114-C Ground Level: 64.31m OD

Hydrod	k Proj	ect No	: C-191	14-C		Ground	d Level: 64.31m OD		5	Scale	e: 1:	:30	
	ple Run	Info		Tes	ting	Water-	Stratum Description			Thickness (m)	- 0	pu	-tion
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	·		mbg	Ξ Hiệ	Level m OD	Legend	Instrum- entation
			0.30	ES			Brown slightly sandy gravelly CLAY with occasional rootlets. Grave is sub angular to sub rounded fine to medium of quartz and flint wit rare cobbles of chalk.  (MADE GROUND)	h :	0.50	(0.50)	63.81		
							Medium dense orangish brown slightly clayey slightly gravelly SAN Gravel is sub angular to sub rounded fine to medium of flint and quartz.  (RIVER TERRACE DEPOSITS)	D					
1.20 - 2.00	110mm	100%	1.20	SPT	N=16 (4,4,5,4,4,3)		From 1.10m bgl: Becoming silty.	1-		(1.10)			
			1.80	D		•	Loose orangish brown SAND & GRAVEL. Gravel is angular to sub rounded fine to medium of flint. (RIVER TERRACE DEPOSITS)	1	.60		62.71		
2.00 - 3.00	110mm	100%	2.00	SPT	N=6 (1,2,1,1,2,2)			2 -		(1.00)			
			2.80	D			Soft blueish grey slightly sandy CLAY. (OXFORD CLAY FORMATION)	2	2.60		61.71		
3.00 - 4.00			3.00	SPT	N=7 (3,1,2,2,1,2)			3 -	3.30	(0.70)	61.01		
			3.50	D			Firm grey sandy CLAY with fine to medium sized pockets of sand. (KELLAWAYS SAND MEMBER)						
4.00 - 5.00			4.00	SPT	N=16 (2,2,3,4,4,5)			4 -		(1.70)			
			5.00	SPT	N=17 (3,2,4,4,4,5)		End of Borehole at 5.00m	5	5.00		59.31		<u>.</u> H.
								6 -					

General Remarks:
1) Hand dug pit to 1.20m bgl. 2) Hole completed at 5.00m bgl 3) Groundwater encountered at 1.60m bgl. 4) Gas and groundwater monitoring pipe installed to 5.00m bgl. Response zone between 1.00m bgl and 5.00m bgl.



Borehole No WS236

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 05/09/2022 Logged By: CR Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447911.87, 212890.39 Checked By: CV Rig: Dart Terrier

Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 66.24m OD			Scale		30	
Sample	ole Run		Don't ( )	Tes		Water- Strikes	Stratum Desc	cription	pth gl	Thickness (m)	Level m OD	Legend	Instrum- entation
Run	Run Ø	Recovery	0.20	Type	Results		Brown slightly sandy gravelly CLAY wit is sub angular to sub rounded fine to m rare cobbles of chalk and gravel sized (MADE GROUND)	h occasional rootlets. Gravel nedium of quartz and flint with		(0.40)		Fel	Ins
							Dense light brown slightly gravelly SAN angular fine to medium of flint quartz a (RIVER TERRACE DEPOSITS)	ID. Gravel is angular to sub nd sandstone - -	0.40		65.84		
0 - 0			1.20	SPT	N=41 (9,9,10,10,10,11)			1-		(1.30)			
							Very dense brown SAND & GRAVEL. ( rounded fine to medium of flint and qua	Gravel is angular to sub	1.70	(0.30)	64.54		
			2.00	SPT	50/60mm (21,4,50)		(RIVER TERRACE DEPOSITS)  End of Borehole a	t 2.00m	2.00		64.24		
								3- - - - - - - - -					
								- - - - - 5 -					
								- - - - - -					

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 2.00m bgl on SPT. 3) No groundwater encountered. 4) Gas and groundwater monitoring pipe installed to 2.00m bgl. Response zone between 1.00m bgl and 2.00m bgl.



Borehole No WS237

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 02/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448061.09, 213086.14 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-19114-C Ground Level: 67.40m OD Scale: 1:30

yuroci	k Proj	ect No	: C-191	14-C		Ground	Level: 67.40m OD		5	Scale	∋: 1:	30	
Samp	le Run	Info		Tes	ting	Water-				ssət		Ð	£ 5
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc		Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum-
			0.20	ES			Stiff desiccated brown slightly sandy sl rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOF Brown slightly clayey slightly gravelly S rounded fine to coase of flint and sand: (RIVER TERRACE DEPOSITS)	ightly gravelly CLAY. Gravel is	0.15	(0.15)	67.25		
			0.50 0.60 - 1.20	D B			Very dense yellowish brown sandy sub coarse flint sandstone and limestone G (RIVER TERRACE DEPOSITS)	-angular to rounded fine to	0.60	(0.60)	66.80		
			1.20	SPT	N=62 (6,9,14,16,16,16)		End of Borehole a	-	1.20		66.20		
								- - 2 <del>-</del> -					
								- - -					
								3 -					
								- - -					
								- - - 4					
								- - -					
								-					
								- - 5 –					
								- 6 <del>-</del> 1					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 1.20m bgl. 4) Gas and groundwater montiving well installed to 1.00m, response zone between 0.50m and 1.00m bgl.



Borehole No WS238

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 31/08/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448303.20, 213087.29 Checked By: CV Rig: Dart Terrier Scale: 1:30 Hydrock Project No: C-19114-C Ground Level: 65.12m OD

Hydrock	(Proj	ect No	: C-191	14-C		Ground	Level: 65.12m OD		5	Scale	∋: 1:	30	
Sampl	le Run	Info		Test	ting	Water-	<b>a.</b> . –			ssət		Þ	₽ K ∰
Sample Run			Depth (m)	Туре	Results	Strikes	Stratum Desc	ription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
run			0.20	ES			Stiff desiccated brown slightly sandy sli rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOP	ghtly gravelly CLAY. Gravel is - PSOIL) -	0.30	(0.30)	64.82		
			0.60	ES			Orangish brown slightly clayey slightly angular to sub-rounded fine to course of (RIVER TERRACE DEPOSITS)	gravelly SAND Gravel is sub-	0.30	(0.70)	04.02		
			0.90	D				-	1.00		64.12		
1.20 - 2.00	110mm	100%	1.20	SPT	N=16 (3,3,4,4,4,4)		Medium dense brown sandy angular to sandstone and flint GRAVEL with occas clay. (RIVER TERRACE DEPOSITS)	sub-rounded fine to coase ssional lenses of firm brown					
2.00	<b>110</b> mm	100%	1.80	D	N=0			-		(1.10)			
2.00 - 3.00	110mm	100%	2.00	SPT	N=9 (5,3,2,2,2,3)		Firm to stiff grey CLAY with rare shell fr (OXFORD CLAY FORMATION)	agments.	2.10		63.02		
			2.50	D									
3.00 - 4.00	110mm	90%	3.00	SPT	N=21 (2,2,3,4,6,8)			3 -					
			3.50	D			Between 3.50m and 4.10m bgl: Sl	ightly sandy.		(3.35)			
4.00 - 5.00	110mm	100%	4.00	SPT	N=12 (4,4,3,2,3,4)		From 4.00m bgl: Very thinly lamina	ated. 4 -					
			4.50	D				-					
			5.00	SPT	N=28 (2,3,4,6,6,12)			5-					
								1	5.45		59.67		
							End of Borehole at	.545m					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole completed at 5.45m bgl. 4) Gas and groundwater monitoring well installed to 5.00m, response zone between 2.00m and 5.00m bgl.



Borehole No WS239

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 06/09/2022 Logged By: NT Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448585.16, 213169.40 Checked By: CV Rig: Dart Terrier

		: C-191			Ground	d Level: 61.33m OD			Scale	e: 1:	30	
Samp Sample Run	le Run Run Ø	Depth (m)	Tes	ting Results	Water- Strikes	Stratum Desc	cription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
Kuii		0.10	ES ES			Brown slightly gravelly slightly clayey S subrounded, fine to coarse of flint. (AGRICULTURALLY DISTURBED TOF Firm orange sandy CLAY with rare sub coarse limestone and flint gravel. (ALLUVIUM)	SAND. Gravel is subangular to PSOIL)	0.25	(0.25)	61.08		
		0.60	D			Yellowish brown slightly gravelly SAND subrounded, fine to coarse of flint and (ALLUVIUM)	. Gravel is subangular to limestone 1 -	0.80	(0.30)	60.53		
		1.20 1.30	SPT D	N=18 (3,4,5,5,5,3)		Firm greenish brown slightly gravelly subangular to subrounded, fine to coar (ALLUVIUM)  Brown gravelly SAND. Gravel is angula	andy CLAY. Gravel is se of flint.	1.40	(0.30)	59.93		
						flint. (ALLUVIUM)  Firm brown slightly sandy gravelly CLA medium of flint.	-	1.70	(0.30)	59.63		
		2.00	SPT	N=29 (6,5,8,7,7,7)		(ALLUVIUM)  Medium dense brown sandy subangula flint and limestone GRAVEL. (RIVER TERRACE DEPOSITS)		1.90		59.43		
		2.50	D						(1.10)			
						End of Borehole a	t 3.00m	3.00		58.33		
							:					
							-					
							-					
							-					
							5-					
							-					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 1.50m bgl. encountered. 3) Borehole terminated at 3.00m bgl due to collapse to 2.50m bgl. Unable to case through gravels. 4) Gas and groundwater monitoring well installed to 2.80m, response zone between 1.30m bgl and 2.50m bgl.



Borehole No WS240

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 08/09/2022 Logged By: NT Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448717.01, 213225.93 Checked By: CV Rig: Dart Terrier nd Loval: 61 26m OD

Hydroc	k Proj	ect No	: C-191	14-C		Ground	d Level: 61.26m OD			Scale		30	
	ple Run	Info		Test	ting	Water- Strikes	Stratum Desc	crintion	ے	Thickness (m)	-0	pu	- Loi
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes		STIPHOTI	Deptl mbgl	Thick (m)	Level m OD	Legend	Instrum- entation
			0.10	ES			Firm dry light brown slightly gravelly sa subangular to subrounded, fine to coar (AGRICULTURALLY DISTURBED TOF Firm brownish orange sandy CLAY.	rse of flint.	0.25	(0.25)	61.01		
			0.40	ES			(ALLUVIUM)	- - -					
								-		(0.75)			
			0.80	D			Very dense grey sandy rounded to sub	angular fine to coarse flint and	1.00		60.26		
			1.20	SPT	N=50 (5,9,14,14,15,7)		limestone GRAVEL. (RIVER TERRACE DEPOSITS)			(0.65)		× × × × × ×	
							End of Borehole a	.t 1.65m	1.65		59.61		
								-					
								2 <del>-</del> -					
								- - -					
								- 3 -					
								-					
								- - -					
								4 -					
								-					
								- -					
								- - 5 -					
								- -					
								- - -					
								- - -					
								- 6 -					

General Remarks:
1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated at 1.65m bgl on SPT refusal. 4) Gas and groundwater monitoring well installed to 1.20m, response zone between 0.90m bgl and 1.20m bgl.



Borehole No WS241

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 01/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448923.06, 213314.09 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-19114-C Ground Level: 61.59m OD Scale: 1:30

Sample	ole Run Run Ø			Tes	ting	l		1	SSe			١, ١
	Run Ø					Water-	Stratum Description	₽	ΙĔ		, nd	탈힐
Run		Recovery	Depth (m)	Туре	Results	Strikes	·	Dept	Thickness (m)	Level m OD	Legend	Instrum-
			0.20	ES			Stiff desiccated brown slightly sandy slightly gravelly CLAY. Gravel is rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)	0.30	(0.30)	61.29		
			0.60	D			Firm yellowish brown slightly gravelly sandy CLAY with occasional shell fragments. Gravel is sub-angular to sub-rounded fine and medium of sandstone flint and coal.  (ALLUVIUM)	-		01.23		
			0.00	D				-	(0.90)			
.20 -	110mm	90%	1.20	SPT	N=19		1	1.20		60.39		
2.00	TTOTIIII	90%	1.30	ES	(0,0,1,3,6,9)		Soft grey mottled black sandy CLAY. (ALLUVIUM)	-	(0.30)			
			1.50 - 3.00	В			Medium dense yellowish brown gravelly SAND. Gravel is sub- rounded to rounded fine to coarse of flint and sandstone. (RIVER TERRACE DEPOSITS)	1.50		60.09		
1.00 - 1.00	110mm	100%	2.00	SPT	N=22 (3,4,6,4,6,6)		2					
									(1.90)			
i.00 - .00	110mm	80%	3.00	SPT	N=24 (6,7,6,6,5,7)		From 2.70m to 3.40m bgl: Becomes very gravelly.					
					(0,1,0,0,0,1)		Firm grey very sandy CLAY.	3.40		58.19		
			3.50	D			(KELLAWAYS SAND MEMBER)		(0.50)			
00 - i.00	110mm	90%	4.00	SPT	N=14 (2,2,2,3,3,6)		Stiff grey very thinly laminated CLAY. (KELLAWAYS CLAY MEMBER) 4	3.90		57.69		
			4.50	D								
			4.50	Б					(1.55)			
			5.00	SPT	N=21 (2,3,4,4,6,7)		5	-			<u></u>	
							End of Borehole at 5.45m	5.45		56.14		
							Lind of borieffulle at 5.45III					
								-				

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 2.00m, no rise. 3) Borehole completed at 5.45m bgl. 4) Gas and groundwater monitoring well installed to 2.00m, response zone between 1.00m and 2.00m bgl.



Borehole No WS242

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 05/09/2022 Logged By: CR Drilled By: RP Drilling Client: Oxford University Development Co-ords: 447808.73, 212721.52 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-19114-C Ground Level: 61.92m OD Scale: 1:30

Sample Run Info Sample Run   Run Ø   Recovery   Depth (m)   Type   Results    O.20   ES   Stratum Description    Brown slightly sandy gravelly CLAY with occasional rootlets. Gravel is sub angular to sub rounded fine to medium of quartz and flint with rare cobbles of chalk. (AGRICULTURALLY DISTURBED TOPSOIL)  Loose yellowish brown slightly clayey gravelly SAND. Gravel is sub angular to sub rounded fine to medium of flint. (RIVER TERRACE DEPOSITS)  1.20 - 2.00   SPT   N=7 (2,1,1,2,1,3)  Firm yellowish brown sandy slightly gravelly CLAY. Gravel is sub angular to sub rounded fine to medium of flint. (RIVER TERRACE DEPOSITS)	(0.50) (0.80)			Instrum-
Brown slightly sandy gravelly CLAY with occasional rootlets, Gravel is sub angular to sub rounded fine to medium of quartz and flint with rare cobbles of chalk.  (AGRICULTURALLY DISTURBED TOPSOIL)  Loose yellowish brown slightly clayey gravelly SAND. Gravel is sub angular to sub rounded fine to medium of flint.  (RIVER TERRACE DEPOSITS)  1.20 - 2.00  1.20 SPT N=7 (2,1,1,2,1,3)  Firm yellowish brown sandy slightly gravelly CLAY. Gravel is sub angular to sub rounded fine to medium of flint.  (RIVER TERRACE DEPOSITS)	(0.50)	)		Instru
Brown slightly sandy gravelly CLAY with occasional rootlets. Gravel is sub angular to sub rounded fine to medium of quartz and flint with rare cobbles of chalk.  (AGRICULTURALLY DISTURBED TOPSOIL)  Loose yellowish brown slightly clayey gravelly SAND. Gravel is sub angular to sub rounded fine to medium of flint.  (RIVER TERRACE DEPOSITS)  1.20 - 2.00  1.20 SPT N=7 (2,1,1,2,1,3)  Firm yellowish brown sandy slightly gravelly CLAY. Gravel is sub angular to sub rounded fine to medium of flint.  (RIVER TERRACE DEPOSITS)	(0.50)	)		
angular to sub rounded fine to medium of flint.  (RIVER TERRACE DEPOSITS)  1.20 - 2.00  1.20 SPT N=7 (2,1,1,2,1,3)  Firm yellowish brown sandy slightly gravelly CLAY. Gravel is sub angular to sub rounded fine to medium of flint. (RIVER TERRACE DEPOSITS)	(0.80)		4 4	N. C.
2.00 (2,1,1,2,1,3) Firm yellowish brown sandy slightly gravelly CLAY. Gravel is sub angular to sub rounded fine to medium of flint.  (RIVER TERRACE DEPOSITS)				
1.60 D		60.6	62	
200   200   SDT   N-2				
3.00	(1.20)	)		
Medium dense yellowish brown clayey SAND. (RIVER TERRACE DEPOSITS)		59.4	42 × × × × ×	X
3.00 - 3.60 SPT N=27 (0,2,4,6,8,9)	(0.80)	,	*	
Very dense yellowish brown SAND & GRAVEL. Gravel is sub angular to rounded of flint. (RIVER TERRACE DEPOSITS)  End of Borehole at 3.60m	(0.30)	58.6		
4.00 SPT 50/245mm (4,9,15,16,14,5)				
5-				

General Remarks:

1) Hand dug pit to 1.20m bgl. 2) Refusal at 3.60m bgl on SPT. 3) Groundwater encountered at 1.10m bgl 4) Gas and groundwater monitoring pipe installed to 3.60m bgl. Response zone between 0.60m bgl and 3.60m bgl.



Borehole No WS243

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 02/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448203.25, 212986.91 Checked By: CV Rig: Dart Terrier Scale: 1:30 Hydrock Project No: C-19114-C Ground Level: 66.85m OD

/drocl	k Proj	Project No: C-19114-C				Ground Level: 66.85m OD			Ground Level: 66.85m OD		5	Scale	∋: 1:	30	
	le Run	<del></del>		Water-	Water- Strikes Stratum Description			Thickness (m)	- 0	pu	-h noi				
ample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes		лриоп	Dept mbgl	Thick (m)	Level m OD	Legend	Instrum- entation		
			0.20	ES			Stiff desiccated brown slightly sandy sli rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOF	SOIL)		(0.30)					
			0.40	ES			Brown slightly clayey slightly gravelly S rounded fine to coase of flint and sands (RIVER TERRACE DEPOSITS)	SAND. Gavel is angular to sub-	0.30	(0.30)	66.55				
			0.60 - 1.20	В			Very dense yellowish brown sandy sub coarse flint sandstone and limestone G	-angular to rounded fine to	0.60		66.25				
							(RIVER TERRACE DEPOSITS)	- - 1-		(0.60)					
			1.20	SPT	50/285mm		End of Borehole a	-	1.20		65.65				
					(8,9,10,11,14,15)			-							
								-							
								- - 2 -							
								-							
								3 -							
								-							
								- -							
								- 4 <del>-</del> -							
								]							
								- -							
								5 -							
								-							
								-							
								6 -							

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 1.20m bgl. 4) Gas and groundwater montiving well installed to 1.00m, response zone between 0.50m and 1.00m bgl.



Borehole No WS244

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 01/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448484.80, 213040.42 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-19114-C Ground Level: 61.21m OD Scale: 1:30

Tydrock Project No. C-19114-C	Ground Level. 61.21111 OD			Scale.		.30		
Sample Run Info Testing	Water- Strikes Stratum Description			Thickness (m)	_	Þ	<u></u>	
Sample Run Ø Recovery Depth (m) Type Results	Strikes		Deptimpgl	(E)	Level m OD	Legend	Instrum- entation	
0.20 ES		Stiff desiccated brown slightly sandy slightly gravelly CLAY. Gravel is rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)		(0.30)				
		Dense brown gravelly SAND. Gravel is angular to sub-rounded fine to coarse of flint sandstone and limestone. (RIVER TERRACE DEPOSITS)	0.30		60.91	<i>(///×///</i>		
0.60 D		· ·	-					
0.70 ES								
			-	(1.10)				
		1	1					
1.20 SPT 50/145mm (25,29,21)			-					
(23,23,27)		End of Borehole at 1.40m	1.40		59.81		:	
			1					
			-					
		2	-					
			-					
			-					
			1					
			-					
		3	]					
			1					
			}					
			-					
		4	-					
			1					
			-					
			1					
			-					
			-					
		_	1					
		5	]					
			1					
			]					
			-					
			1					
		6	-					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 1.40m bgl. 4) Gas and groundwater montiving well installed to 1.00m, response zone between 0.50m and 1.00m bgl.



Borehole No WS245

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 02/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448063.54, 212633.50 Checked By: CV Rig: Dart Terrier

Hydrock Project No: C-1911/J-C Ground Level: 60 66m OD Scale: 1:30

Hydrod	rdrock Project No: C-19114-C		Ground Level: 60.66m OD			;	Scale	e: 1:	30				
	ple Run	Info		Tes	ting	Water-	Stratum Dage	rintion		ness		ъ	<u></u> = 5
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc		Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
			0.20	ES			Stiff desiccated brown slightly sandy slightly gravelly CLAY. Gravel is rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)  Firm orangish brown very sandy CLAY with rave gravels. Gravel is		0.30	(0.30)	60.36		
			0.50 0.50	D ES			angular to sub-angular fine of flint. (ALLUVIUM)		-	(0.80)			
			1.10	D			Very soft bluish grey sandy CLAY with	frequent decomposed remnant	1.10		59.56		
1.20 - 2.00	110mm	80%	1.20	SPT	N=16 (0,2,2,2,5,7)		purple roots and plant debris (up to 1.5 (ALLUVIUM)	ōcm diammeter).	1.40	(0.30)	59.26		
			1.50 - 3.00	В			Medium dense yellowish brown sandy coarse flint sandstone and limestone G (RIVER TERRACE DEPOSITS)	sub-angular to rounded fine to GRAVEL.	-		30.20		
2.00 - 3.00	110mm	100%	2.00	SPT	N=22 (3,4,5,5,5,7)			2 -					
									-	(2.05)			
								3-	-				
							End of Borehole a	at 3.45m	3.45		57.21		
									-				
								4 -					
									-				
									-				
								5 -					
								6 -	-				

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 1.20m bgl, no rise. 3) Borehole terminated at 3.00m, casing being dragged down by SPT. 4) Gas and groundwater monitoring well installed to 2.70m, response zone between 1.70m and 2.70m bgl.



Borehole No WS246

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 02/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448294.13, 212788.67 Checked By: CV Rig: Dart Terrier Scale: 1:30

Hydrock Project No: C-19114-C Ground Level: 61.02m OD

Hydroc	ydrock Project No: C-19114-C			Ground Level: 61.02m OD			8	Scale	e: 1	:30			
Sam	ple Run	Info		Tes	ting	Water-	0, 1, 5			ress		Þ	£ 5
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	cription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum- entation
		0.20 ES		Firm orangish brown very sandy slightly gravelly CLAY. Grav			ightly gravelly CLAY. Gravel is  PSOIL)  v gravelly CLAY. Gravel is sub-	0.30	(0.30)	60.72			
			0.60	D			angular to rounded fine to coarse of flir (ALLUVIUM)	nt		(1.20)			
.20 - 2.00	110mm	100%	1.20	SPT	N=10 (0,1,1,2,3,4)			1- - - -	1.50		59.52		
			1.60	D			Firm greyish brown slightly gravelly sar sub-rounded fine to coarse of flint and (ALLUVIUM)	sandstone	2.00	(0.50)	59.02		
2.00 - 3.00 3.00 - 4.00	110mm		2.00 2.00 - 4.00	SPT B SPT	N=10 (3,3,3,2,2,3) N=16 (3,3,4,3,3,6)		Medium dense locally loose orangish b rounded fine to coarse flint and sandste (RIVER TERRACE DEPOSITS)	prown sandy sub-angular to	2.00		39.02		
I.00 - 5.00	110mm	90%	4.00	SPT	N=8 (6.3.2.1,2.3)			-		(2.40)			٥
			4.50	D			Firm bluish grey very sandy CLAY with and belemnite fossils. (KELLAWAYS CLAY MEMBER)	occasional shell fragments	4.40		56.62		
			5.00	SPT	50/225mm (5,5,7,10,33)			5- - -	5.45	(1.05)	55.57		
							End of Borehole a	t 5.45m	3.43		35.57	<u> </u>	<i>\(\frac{\fir}{\frac{\fi</i>

General Remarks:
1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 2.00m, no rise. 3) Borehole completed at 5.45m bgl. 4) Gas and groundwater monitoring well installedto 4.40m, response zone between 1.00m and 4.40m bgl.



Borehole No WS247

Page No. 1 of 1

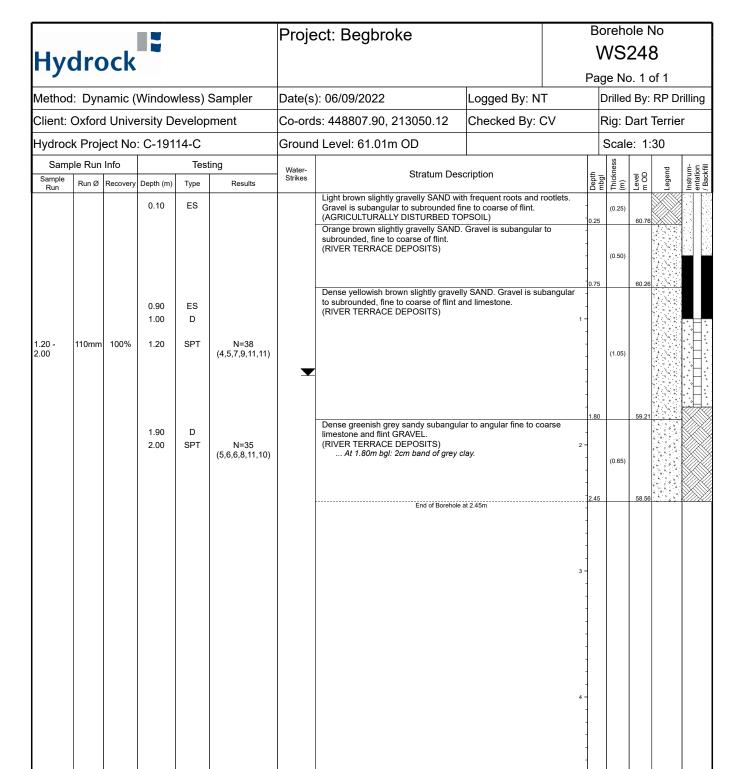
Method: Dynamic (Windowless) Sampler Date(s): 01/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448481.00, 212881.43 Checked By: CV Rig: Dart Terrier Scale: 1:30

Hvdrock Project No: C-19114-C Ground Level: 60 57m OD

yarocı	k Proj	ect No	ect No: C-19114-C				Level: 60.57m OD	Scale			e: 1:		
Samp	le Run	Info		Tes	ting	Water- Strikes Stratum Description				ssau		<u>p</u>	Ė 8
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes		cription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum-
			0.20	ES			Stiff desiccated brown slightly sandy slightly gravelly CLAY. Gravel is rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOPSOIL)  Very dense orangish brown sandy angular to sub-rounded fine to coarse sandstone and flint GRAVEL.				60.27		
			0.70	D			(RIVER TERRACE DEPOSITS)			(1.30)			
			1.20	SPT	N=50 (10,10,10,12,13, 15)	$\mathbf{r}$		1- - - -		(,			
							End of Borehole a	t 1.60m -	1.60		58.97		
								- - 2 -	-				
								- -					
								- - -					
								3 <del>-</del> - -					
								-					
								<u>.</u> -					
								4 -					
								- -					
								-	-				
								- 5 -	-				
								- - -					
								- - -					
								- - 6 -					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 1.10m, rising to 1.05m over 20 minutes. 3) Borehole terminated on SPT refusal at 1.60m bgl. 4) Gas and groundwater monitoring well installed to 1.00m, response zone between 1.00m and 1.60m bgl.



#### General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 1.15m, rising to 1.05m over 20 minutes. 3) Borehole terminated at 2.45m bgl due to collapse to 1.70m bgl and unable to case through gravels. 4) Gas and groundwater monitoring well installed to 1.70m bgl, response zone between 1.00m and 1.70m bgl.



Borehole No WS249

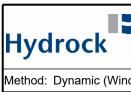
Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 06/09/2022 Logged By: NT Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448640.16, 212516.89 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-1911/J-C Ground Level: 60.82m OD Scale: 1:30

Hydrock Project No: C-19114-C			Ground Level: 60.82m OD			_	Scale	e: 1:	30				
	ole Run	Info		Test	ting	Water-	Chrotium Dane	printion		ness		P.	<u></u>
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	cription	Depth	Thickness (m)	Level m OD	Legend	Instrum-
			0.10	ES			Brown clayey slightly gravelly SAND w is angular to rounded fine to medium o (AGRICULTURALLY DISTURBED TOF	f flint.	0.25	(0.25)	60.57		
			0.40	ES			Light brown slightly gravelly SAND. Grafine to coarse of flint. (RIVER TERRACE DEPOSITS)	avel is subangular to rounded,	-	(0.35)	00.01		
							Orange slightly gravelly fine SAND. Gr subrounded, fine to coarse of flint and (RIVER TERRACE DEPOSITS)	avel is subangular to limestone.	0.60	(0.20)	60.22		
							Very dense yellow brown gravelly SAN angular, fine to coarse of flint and limes (RIVER TERRACE DEPOSITS)	ID. Gravel is subangular to stone.	1	(0.48)			
			1.20	SPT	50/50mm (25,50)		End of Borehole a	at 1.28m	1.28		59.54		
									_				
								2 ·					
								3 ·	-				
								4 -					
									-				
									-				
								5	-				
									-				
								6 -	-				

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 1.28m bgl. 4) Gas and groundwater monitoring well installedto 1.00m, response zone between 0.80m and 1.00m bgl.



Borehole No WS250

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 01/09/2022 - 06/09/2022 Logged By: MA Drilled By: RP Drilling Client: Oxford University Development Co-ords: 448747.99, 212781.45 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-19114-C Ground Level: 60.81m OD Scale: 1:30

yaroc	K Proj	ect No	o: C-19114-C			Ground Level: 60.81m OD				scale	e: 1:	30	
Samp	le Run	Info		Test	ting	Water-	21.1			ssau		p_	έş
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	ription	Depth mbgl	Thickness (m)	Level m OD	Legend	Instrum-
			0.20	ES			Stiff desiccated brown slightly sandy sli rounded fine and medium of flint. (AGRICULTURALLY DISTURBED TOP	ightly gravelly CLAY. Gravel is - PSOIL) -	0.30	(0.30)	60.51		
			0.50	D			Orangish brown SAND. (RIVER TERRACE DEPOSITS)	-	0.00	(0.40)	00.01		
							Light brown gravelly SAND. Gravel is s		0.70		60.11		
							coarse of flint and sandstone. (RIVER TERRACE DEPOSITS)	ub-angular torounded line to		(0.50)			
			1.20	SPT	50/105mm		Very dense light brown gravelly SAND.	Crovel is out angular	1.20		59.61		
					(23,2,37,13)		torounded fine to coarse of flint and sar (RIVER TERRACE DEPOSITS)	ndstone.	1.39	(0.19)	59.42		
								-					
								- 2 <del>-</del>					
								-					
								- - -					
								3 -					
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								- - 4 <del>-</del>					
								-					
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								- 5 -					
								-					
								-					
								-					

General Remarks:

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater not encountered. 3) Borehole terminated on SPT refusal at 1.385m bgl. 4) Gas and groundwater monitoring well installedto 1.00m, response zone between 0.80m and 1.00m bgl.



Borehole No WS251

Page No. 1 of 1

Method: Dynamic (Windowless) SamplerDate(s): 01/09/2022Logged By: MADrilled By: RP DrillingClient: Oxford University DevelopmentCo-ords: 449155.50, 212828.91Checked By: CVRig: Dart Terrier

Ground Level: 60.53m OD Hydrock Project No: C-19114-C Scale: 1:30 Sample Run Info Stratum Description Level m OD Strikes Depth (m) Recovery Ê Stiff desiccated brown slightly sandy slightly gravelly CLAY. Gravel is rounded fine and medium of flint. (0.30) (AGRICULTURALLY DISTURBED TOPSOIL) ES 0.20 Orangish brown SAND. (RIVER TERRACE DEPOSITS) 0.50 D (0.80) Medium denserangish brown sandy sub-angular to rounded fine to coarse flint and sandstone GRAVEL. 1.20 -110mm 90% 1.20 SPT N=17 (4,2,3,4,5,5)2.00 (RIVER TERRACE DEPOSITS) 1.20 В 2.00 (0.90) 2.00 -3.00 110mm 100% 2.00 SPT N=8 Firm grey sandy CLAY. (1,2,1,2,3,2)(OXFORD CLAY FORMATION) 2 50 D Stiff grey very thinly laminated slightly sandy CLAY with occasional shell fragments and rare sub-angular gravels of burnt shale. Sand is fine and forms in occasional lenses. (OXFORD CLAY FORMATION) 3.00 -4.00 110mm 100% 3.00 SPT N=19 (2,3,3,5,5,6) 3.50 D 4.00 -110mm 100% 4.00 SPT N=17 5.00 (3,2,3,3,3,8) 4.50 D 5.00 SPT N=19 (2,4,4,4,4,7)End of Borehole at 5.45m

#### General Remarks

1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 1.15m, rising to 1.05m over 20 minutes. 3) Borehole completed at 5.45m bgl. 4) Gas and groundwater monitoring well installed to 2.00m, response zone between 1.00m and 2.00m bgl.



Borehole No WS252

Page No. 1 of 1

Method: Dynamic (Windowless) Sampler Date(s): 06/09/2022 Logged By: NT Drilled By: RP Drilling Client: Oxford University Development Co-ords: 449134.61, 212444.02 Checked By: CV Rig: Dart Terrier Hydrock Project No: C-19114-C Ground Level: 60.40m OD Scale: 1:30

Hydroc	k Proj	ect No	No: C-19114-C		Ground	Level: 60.40m OD		5	Scale	∋: 1:	30		
Samp	ole Run	Info			Water-	0, , ,			ress		ъ	£5.≣	
Sample Run	Run Ø	Recovery	Depth (m)	Туре	Results	Strikes	Stratum Desc	ription	Depth	Thickness (m)	Level m OD	Legend	Instrum- entation / Backfill
			0.10	ES			roots and rootlets. Gravel is fine to coal flint, limestone and sandstone.  (AGRICULTURALLY DISTURBED TOF	Stiff dessicated brown sandy slightly gravelly CLAY with abundant roots and rootlets. Gravel is fine to coarse, subangular to rubrounded finit, limestone and sandstone.  (AGRICULTURALLY DISTURBED TOPSOIL)		(0.25)	60.15		
			0.40	ES			Soft orange brown sandy CLAY with rai fine flint gravel. (ALLUVIUM)	re subangular to subrounded, - - -					
			0.60	D				- - -		(0.75)			
							Very loose grey and yellow brown claye	- PV SAND	1.00		59.40		= .
1.20 - 2.00	110mm	100%	1.20	SPT D	N=4 (2,2,2,1,0,1)		(ALLUVIUM)			(0.50)			
			1.20	D			Firm locally soft grey slightly sandy slig organic odour and occasional purple re	htly gravelly CLAY with a mild mnant roots. Gravel is	1.50		58.90		
			1.80	D			subrounded to rounded, fine to coarse, (ALLUVIUM) Between 1.50 - 1.60m bgl: Grey.	of flint					
2.00 - 3.00	110mm	100%	2.00	SPT	N=9 (1,1,2,2,2,3)			2 <del>-</del> -		(1.10)			
								- - -					
			2.70	D			Firm bluish grey CLAY with rare fine sh (OXFORD CLAY FORMATION)	ell fragments.	2.60		57.80		
3.00 - 4.00	110mm	100%	3.00	SPT	N=9 (2,1,2,2,2,3)			- 3 <del>-</del>		(1.00)			
								- - -				 	
			3.60	D			Stiff bluish grey CLAY with rare fine she (OXFORD CLAY FORMATION)	ell fragments.	3.60		56.80		
4.00 - 5.00	110mm	100%	4.00	SPT	N=15 (2,3,3,4,4,4)			- - 4 <del>-</del>					
0.00					(2,0,0,4,4,4)			- -					
			4.50	D				-		(1.85)			
				0.5.7				-				 	
			5.00	SPT	N=23 (4,3,4,5,6,8)			5 -				 	
									5.45		54.95		
							End of Borehole at	I 5.45m .					
								-					
								-					
								6 -					

General Remarks:
1) Inspection pit hand dug to 1.20m bgl. 2) Groundwater encountered at 1.40m bgl, no rise. 3) Borehole completed at 5.45m bgl. 4) Gas and groundwater monitoring well installed to 5.00m, response zone between 1.00m and 5.00m bgl.



### Exploratory Hole Photographs

### SI Photograph Template

Date: 27/09/21

Direction
Photograph Taken:

n/a.

**Description:** SA02 installation of soakaway monitoring pipes and backfilling of pit.



## Site Investigation Photograph 2

Date: 27/09/21

Direction
Photograph Taken:

n/a.

**Description:** SA03a water ingress from base and side of the pit.



Date: 27/09/21

Direction
Photograph Taken:

n/a.

**Description:** SA03a arisings with agriculturally disturbed topsoil over alluvium.



### Site Investigation Photograph 4

**Date:** 27/09/21

Direction
Photograph Taken:

n/a.

**Description:** SA04 water ingress at base of the pit, with soakaway monitoring pipes being installed.



Date: 27/09/21

Direction
Photograph Taken:

n/a

Description: SA04 with gravel about to be placed in the pit and arisings comprising agriculturally disturbed topsoil over alluvium.



### Site Investigation Photograph 6

**Date:** 27/09/21

Direction
Photograph Taken:

n/a

**Description:** SA05 water ingress at base of the pit



Date: 27/09/21

Direction
Photograph Taken:

n/a

**Description:** SA05 arisings comprising agriculturally disturbed topsoil over alluvium over river terrace deposits.



### Site Investigation Photograph 8

**Date:** 28/10/21

Direction

**Photograph Taken:** 

n/a

**Description:** SA06 dry pit with soakaway monitoring pipes being installed.



**Date:** 28/09/21

Direction
Photograph Taken:

n/a

Description: SA06 with gravel about to be placed in the pit and arisings comprising agriculturally disturbed topsoil over river terrace deposits.



Site Investigation Photograph 10

**Date:** 28/09/21

Direction
Photograph Taken:

n/a

**Description:** SA07 dry pit at base.



**Date:** 28/09/21

Direction
Photograph Taken:

n/a

Description: SA07 with gravel placed in the pit, soakaway monitoring pipes installed and arisings comprising agriculturally disturbed topsoil over river terrace deposits.



### Site Investigation Photograph 12

**Date:** 28/09/21

Direction
Photograph Taken:

n/a

Description: SA08 with gravel and soakaway monitoring pipes placed in the pit. Arisings comprising of agriculturally disturbed topsoil over river terrace deposits over oxford clay.



**Date:** 28/08/21

Direction
Photograph Taken:

n/a

**Description:** SA09 with water ingress at base of the pit.



Site Investigation Photograph 14

**Date:** 28/09/21

Direction
Photograph Taken:

n/a

Description: SA09 with gravel and soakaway monitoring pipes installed. Arisings comprising agriculturally disturbed topsoil over alluvium over river terrace deposits.



**Date:** 17/08/21

Direction
Photograph Taken:

n/a.

**Description:** Spoil from TP01.



Site Investigation Photograph 16

Date: 17/08/21

Direction
Photograph Taken:

n/a.

**Description:** TP01



**Date:** 20/08/21

Direction
Photograph Taken:

n/a.

**Description:** Spoil from TP02.



## Site Investigation Photograph 18

Date: 20/08/21

Direction

Photograph Taken:

n/a.

**Description:** TP02



**Date:** 20/08/21

Direction
Photograph Taken:

n/a.

**Description:** Spoil from TP03.



## Site Investigation Photograph 20

**Date:** 20/08/21

Direction
Photograph Taken:

n/a.

**Description:** TP03 down pit.



**Date:** 20/08/21

Direction
Photograph Taken:

n/a.

**Description:** Spoil from TP04.



## Site Investigation Photograph 22

Date: 20/08/21

Direction

Photograph Taken:

n/a.

**Description:** TP04



**Date:** 20/08/21

Direction
Photograph Taken:

n/a.

**Description:** Spoil from TP05.



## Site Investigation Photograph 24

Date: 20/08/21

Direction

Photograph Taken:

n/a.

**Description:** TP05



**Date:** 20/08/21

Direction
Photograph Taken:

n/a.

**Description:** Spoil from TP06.



Site Investigation Photograph 26

Date: 20/08/21

Direction

Photograph Taken:

n/a.

**Description:** TP06



**Date:** 20/08/21

Direction
Photograph Taken:

n/a.

**Description:** Spoil from TP07.



## Site Investigation Photograph 28

Date: 20/08/21

Direction

Photograph Taken:

n/a.

**Description:** TP07





**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP201 down pit showing River Terrace Deposits over Oxford Clay Formation.



Site Investigation Photograph 30

**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP201 spoil pile showing arisings of Oxford Clay Formation.





**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP202 down pit showing River Terrace Deposits.



Site Investigation Photograph 32

**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP202 spoil pile showing arisings of River Terrace Deposits.





**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP203 down pit showing Cornbrash Limestone at base.



Site Investigation Photograph 34

**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP203 spoil pile showing River Terrace Deposits and Kellaways Clay Member.





**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP204 down pit showing River Terrace Deposits over Oxford Clay Formation.



Site Investigation Photograph 36

**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP204 spoil pile showing arisings of River Terrace Deposits.





**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP205 down pit showing River Terrace Deposits.



Site Investigation Photograph 38

**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP205 spoil pile showing arisings of River Terrace Deposits.





**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP206 down pit showing River Terrace Deposits.



Site Investigation Photograph 40

**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP206 spoil pile showing arisings of River Terrace Deposits.





**Date:** 06/09/22

Direction

Photograph Taken:

n/a.

**Description:** TP207 down pit showing Cornbrash Limestone Formation.



Site Investigation Photograph 42

**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP207 spoil pile showing arisings of Cornbrash Limestone Formation.





**Date:** 07/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP208 down pit showing Head deposits over River Terrace Deposits.



Site Investigation Photograph 44

**Date:** 07/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP208 spoil pile showing arisings of River Terrace Deposits.





**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP209 showing River Terrace Deposits over Kellaways Clay Member.



Site Investigation Photograph 46

**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP209 spoil pile showing arisings of River Terrace Deposits and Kellaways Clay Member.





**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP209 showing Head Deposits over Cornbrash Limestone Formation.



Site Investigation Photograph 48

**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP210 spoil pile showing arisings of Cornbrash Limestone Formation.





**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP211 down pit showing River Terrace Deposits.



Site Investigation Photograph 50

**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP211 spoil pile showing arisings of River Terrace Deposits.





**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP212 showing River Terrace Deposits.



Site Investigation Photograph 52

**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP212 spoil pile showing arisings of River Terrace Deposits.





**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

Description: TP213 down pit showing River Terrace over Kellaways Clay Member and groundwater.



Site Investigation Photograph 54

**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

Description: TP213 spoil pile showing arisings of River Terrace Deposits, Kellaways Clay Member and Cornbrash Limestone Formation.





**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP214 down pit showing River Terrace Deposits.



Site Investigation Photograph 56

**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP214 spoil pile showing arisings of River Terrace Deposits.





**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP216 down pit showing River Terrace Deposits.



Site Investigation Photograph 58

**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP216 spoil pile showing arisings of River Terrace Deposits.





**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP217 down pit showing River Terrace Deposits and a groundwater strike.



Site Investigation Photograph 60

**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP217 spoil pile showing arisings of River Terrace Deposits.





**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP218 down pit showing River Terrace Deposits.



Site Investigation Photograph 62

**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP218 spoil pile showing arisings of River Terrace Deposits.





**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

Description: TP219 down pit showing River Terrace Deposits over Kellaways Sand Member.



Site Investigation Photograph 64

**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP219 spoil pile showing arisings of River Terrace Deposits and Kellaways Sand Member.





**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

Description: TP220 down pit showing River Terrace Deposits over Kellways Clay and Sand Members.



Site Investigation Photograph 66

**Date:** 06/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP220 spoil pile showing arisings of Kellaways Clay and Sand Members.





**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP222 down pit showing Head Deposits over River Terrace Deposits.



Site Investigation Photograph 68

**Date:** 09/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP222 spoil pile showing arisings of Head Deposits and River Terrace Deposits.





**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

Description: TP223 down pit showing Alluvium over River Terrace Deposits and a groundwater strike.



Site Investigation Photograph 70

**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP223 spoil pile showing arisings of River Terrace Deposits.





**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

Description: TP224 down pit showing alluvium over River Terrace Deposits and a groundwater strike.



Site Investigation Photograph 72

**Date:** 08/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP224 spoil pile showing arisings of Alluvium and River Terrace Deposits.





**Date:** 05/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP226 down pit showing alluvium over River Terrace Deposits.



Site Investigation Photograph 74

**Date:** 05/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP226 spoil pile showing arisings of Alluvium and River Terrace Deposits.





**Date:** 05/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP229 down pit showing alluvium over River Terrace Deposits.



Site Investigation Photograph 76

**Date:** 05/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP229 spoil pile showing arisings of River Terrace Deposits.





**Date:** 07/09/22

Direction
Photograph Taken:

n/a.

Description: TP230 down pit showing Alluvium over River Terrace Deposits and a groundwater strike.



Site Investigation Photograph 78

**Date:** 07/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP230 spoil pile showing arisings of River Terrace Deposits.





Date: 07/09/22

Direction
Photograph Taken:

n/a.

Description: TP231 down hole showing Alluvium over River Terrace Deposits and a groundwater strike.



Site Investigation Photograph 80

**Date:** 07/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP231 spoil pile showing arisings of River Terrace Deposits.





**Date:** 07/09/22

**Direction Photograph Taken:** n/a.

**Description:** 

TP233 down pit showing Alluvium, River Terrace Deposits and groundwater strike.



Site Investigation Photograph 82

**Date:** 07/09/22

**Direction Photograph Taken:** n/a.

**Description:** 

TP233 spoil pile showing arisings of River Terrace Deposits.





**Date:** 07/09/22

Direction
Photograph Taken:

n/a.

Description: TP234 down pit showing Alluvium over River Terrace Deposits and a ground water strike.



Site Investigation Photograph 84

**Date:** 07/09/22

Direction
Photograph Taken:

n/a.

**Description:** TP234 spoil pile showing arisings of River Terrace Deposits.





**Date:** 30/08/22

Direction
Photograph Taken:

n/a.

**Description:** WS201 1.20 – 2.00m, showing Kellaways Clay Member.



Site Investigation Photograph 86

**Date:** 24/8/22

Direction
Photograph Taken:

n/a.

**Description:** WS206 1.20 - 2.00m, showing River Terrace Deposits over Kellaways Clay Member.





**Date:** 24/8/22

Direction
Photograph Taken:

n/a.

**Description:** WS206 2.00 - 3.00m, showing Kellaways Clay Member over Cornbrash Limestone Formation.



Site Investigation Photograph 88

**Date:** 24/8/22

**Direction Photograph Taken:**n/a.

**Description:** WS206 3.00 - 4.00m, showing Cornbrash Limestone Formation.





**Date:** 25/8/22

Direction
Photograph Taken:

n/a.

**Description:** WS210 1.20 - 2.00m, showing Alluvium.



Site Investigation Photograph 90

Date: 25/8/22

Direction Photograph Taken:

n/a.

**Description:** WS210 2.00 - 3.00m, showing Cornbrash Limestone Formation.





**Date:** 25/8/22

Direction
Photograph Taken:

n/a.

**Description:** WS215 1.20 - 2.00m, showing River Terrace Deposits.



Site Investigation Photograph 92

Date: 25/8/22

Direction
Photograph Taken:

n/a.

**Description:** WS215 2.00 - 3.00m, showing River Terrace Deposits.





**Date:** 24/8/22

Direction
Photograph Taken:

n/a.

**Description:** WS220 1.20 - 2.00m, showing Alluvium.



Site Investigation Photograph 94

**Date:** 24/8/22

Direction
Photograph Taken:

n/a.

**Description:** WS220 2.00 - 3.00m, showing River Terrace Deposits.

