SIT		Woo	dford Pha	se 1	SI		CL	IENT Avro Herit	age Ltd		BAES	YSTE	MS
									-	la.	Section 1986		
		JMBER			ES 9839.0)2	GRO	OUND ELEVATION (mAOD)			Na	TRIAL PIT	
	A1065	5-00		N - 38	1777.0	06		88.110	3.50		Sheet 1 of 1		TP52
PLAN	Г		DIMENS	IONS	-		DAT	E 18/01/2012	LOGGED BY	CHECKE	ED BY	SCALE	1:50
SAM	IPLE:	S & 1	ESTS		STF	RATA							
			TEST RESUL	TS	LEVEL (mAOD)		DEPTH (mbgl)	DESCRIPTION					LEGEND WATER
TOP	BASE			TS	LEVEL (mAOD)	(0.30) (1.00) (2.20) (2.20)	DEPTH (mbgi)	MADE GROUND: It to subrounded grave and blaes. Firm light grey CLA and some fine to confirm to stiff reddish grey clay. Becoming	Dark brown sandy clay with el and cobbles of mixed lift Y with abundant pockets of parse gravel and cobbles of brown CLAY with some pages and y with some fine to cobbles of mudstone from End of Trial Pit at a series of the cobbles	of orange of mixed oockets o coarse s n 2.1m.	ncluding clinker brown sandy cla lithology. f orange brown a	ny nd	LEGEND WATER
GROU DEPTI	NDWA		HAVIOUR		Tria arisi	ings.	ed sta	able. No groundwater enco	untered. Trial pit backfilled with	h B D G G ES W	EY - Bulk disturbed sample - Disturbed samples (plastic - Disturbed sample (glass ja - Disturbed sample (tub and - Water sample	tub) M - In Si r) P - In Si	u Hand Vane Test tu Mexecone CBR Test tu CBR Plate Test to Ionisation Detector

SIT		Woo	dford Phase	1 SI	CLIENT Avro Heritage Ltd BAE SYST				SYSTI	EMS
DDO	ECT NU	IMPED	CO-ORDINA	TEC	CD(DUND ELEVATION (mAOD)	HOLE DEDTH (m)	-	TRIAL PIT	
PROJ				90039.32	GRO	82.824	3.00	Sheet 1 of 1		TP54
	A1065	5-00		81777.22			0.00			1734
PLAN	Т		DIMENSION	S -	DAT	TE 19/01/2012	LOGGED BY	CHECKED BY	SCALE	1:50
SAN	/IPLE	S & 1	ESTS	STRATA			<u>I</u>			
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL BASE (THICKNESS mbgl (m)	DEPTH (mbgl)	DESCRIPTION				LEGEND WATER
0.10 0.50 0.50 0.50		D HV HV	1 - 58kPa 2 - 68kPa 3 - 60kPa	(0.30) - (0.30)		sandy clay, grey sa mixed lithology. Firm grey CLAY wit	Brown sandy clay with occand and subangular to subangular	rounded gravel and co unge brown sandy clay	bbles of and	
0.50 1.00 1.00 1.00 1.00		D HV HV HV	1 - 32kPa 2 - 52kPa 3 - 44kPa		1-	sand from 1.4m.	nains. Becomes sandy fro	III 1.0III. Lenses of me	edium grey	
2.10		D		- 81 - 81 - (1.10)	2-	Grey gravelly SANE) with some plant remains			
				80 3.00	3-	- 	End of Trial Pit at		. – – – – – –	
				- - - -						
				- 79 	4-					
				- - - -						
				- 78 - - -	5-					
				- - - - - 77	6-					
				- 76	7-					
				-						
				- 75 	8-					
				- - - -	-					
				74 	9-					
				- - - -	- - - -					
GROU DEPT	JNDWA H (m)		HAVIOUR	arisings.	ined sta	able. No groundwater encounds about the state of the stat	untered. Trial pit backfilled with	G - Disturbed sample (gl ES - Disturbed sample (tu W - Water sample	olastic tub) M - In S ass jar) P - In S	Situ Hand Vane Test Situ CBR Test Situ CBR Plate Test oto Ionisation Detector

SIT		Woo	dford Phase	1 SI	CI	IENT Avro Herit	age Ltd	BAES	YSTEMS	
PROJ	ECT N	JMBER	CO-ORDIN	ATES	GRO	DUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT	
	A1065	5-00		389788.01 381690.99		85.440	3.30	Sheet 1 of 1	TP56	
PLAN	т		DIMENSIO		DAT	·F	LOGGED BY	CHECKED BY	SCALE	
			DIWLINOIO	-		17/01/2012	LOGGLDBI	OTILONED BY	1:50	
SAN	/PLF	S & 1	ESTS	STRATA						
			TEST RESULTS		DEPTH (mbgl)	DESCRIPTION			LEGEND	WATER
0.10		D D		(0.60)	-	MADE GROUND: Do to subrounded graver clinker.	Park brown sandy clay witle el and cobbles of mixed li	h some fine to coarse sul thology including rare	bangular	
0.80 0.80 0.80 0.80		HV HV D	1 - 80kPa 2 - 64kPa 3 - 66kPa	0.60	1-	Firm to stiff orange and rare subangula	brown CLAY with abunda r to subrounded gravel an	nt pockets of pale grey c d cobbles of mixed lithol	lay ogy.	
0.80 0.80 0.80 1.30		ВОО		1.20	-	Firm grey sandy SIL	T with abundant pockets	of orange brown sand.	X X X X X X X X X X X X X X X X X X X	
				83	2				×××× ×××××	
2.50 2.50 2.50		HV HV HV	1 - 20kPa 2 - 32kPa 3 - 18kPa	2.30	-	Soft brown sandy C cobbles of mudston	LAY with some subangula e. Lenses of medium brov	ar to subrounded gravel a wn sand from 3.1m.	and XXX	
3.30	-82				3	 	End of Trial Pit at	3.30 m	The state of the s	
	= 81				-					
				- 81 - - -	4-					
					-					
				80 	5-					
				-	- - -					
				- 79 - - - -	6-					
				- - - -78	7-					
				-						
				- 77	8-					
					-					
				- -76	9-					
					-					
				-	-			l vev		
GROUNDWATER DEPTH (m) BEHAVIOUR Trial pit remain arisings.						able. No groundwater encou	untered. Trial pit backfilled witl	KEY B - Bulk disturbed sample D - Disturbed samples (plast G - Disturbed sample (glass ES - Disturbed sample (fluss W - Water sample	jar) P - In Situ CBR Plate Te	BR Test st
				Material logged in gene	ral acco	dance with BS 5930 (as amended) & E	3S EN ISO 14688 RAF TP	Log v1 3		

SIT		Woo	dford Phase	1 SI	CLIENT Avro Heri	tage Ltd	BAES	YSTEMS
PRO.	ECT NU	JMBFR	CO-ORDINA	TES	GROUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT
	A1065		E - 39	90004.83	82.801	2.90	Sheet 1 of 1	TP57
		J-00		31693.05				
PLAN	Т		DIMENSIONS	-	DATE 19/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50
SAN	1PLE	S & 1	ESTS	STRATA				
			TEST RESULTS		DESCRIPTION			LEGEND WATER
0.10		D		(0.30)	Firm brown sandy	CLAY with some pockets of sub angular to sub rounder	of orange brown sandy cla d gravel and cobbles of	y and
0.60 0.60 0.60 1.00 1.00 1.00 1.00		HV HV HV HV HV D	1 - 58kPa 2 - 46kPa 3 - 52kPa 1 - 36kPa 2 - 38kPa 3 - 30kPa	- - - - - - - - - (1.80)	Firm grey CLAY wi brown pockets abs medium light brown	th abundant pockets of ora ent from 1.2m, some plant n sand from 1.8m.	inge brown sandy clay. Or remains from 1.2m. Lens	range es of
1.90		D		-81	2			
2.50		D		2.10	Light brown / grey \$	SAND with occasional plar	it remains.	
				2.90	3-			
					5			
				76 75 	8—			
GROU DEPT	JNDWA		HAVIOUR	REMARKS	9	untered Trial nit backfilled with	KEY B - Bulk disturbed sample D - Disturbed samples (plastic	HV - In Situ Hand Vane Test tub) M - In Situ Mexecone CBR Test
'	···/	عد ا	2	arisings.	eral accordance with BS 5930 (as amended) &		G - Disturbed sample (glass ja ES - Disturbed sample (tub and W - Water sample	r) P - In Situ CBR Plate Test

SIT		\\/oo	dfor	d Phase	1 (2)		CI	IENT Avro Herit	rage Ltd	RAFS	YSTEMS
		VVOO	uioi	u Filase	1 31			AVIO Helit	age Liu	JAL J	1011 Ellio
PROJ	IECT N	UMBEF	3	CO-ORDINA		40	GRO	OUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT
	A106	5-00			9736. 31598.			86.196	3.90	Sheet 1 of 1	TP58
PLAN	T			DIMENSIONS	3		DAT	E	LOGGED BY	CHECKED BY	SCALE
					-			19/01/2012			1:50
SAN	/IPLE	S & 7	ΓES	TS	STI	RATA					
TOP (mbgl)	BASE (mbgl)	TYPE	TEST	T RESULTS	LEVEL (mAOD)	BASE (THICKNESS) mbgl (m)	DEPTH (mbgl)	DESCRIPTION			LEGEND WATER
					F	(0.15) (0.15)	-	MADE GROUND: E	Bitumious surfacing and co	oncrete	
					-	(0.15) (0.15) (0.15) (0.15) (0.45)	-	MADE GROUND: C	Concrete subbase		
0.60		D				(0.40)	-	MADE GROUND: C	Concrete subbase		/ <u>x x x x</u> x <u>x x x x</u> <u>x x x x</u>
1.00		D			- 85	0.85	1-		SILT/CLAY. Soil too friab	le for reliable hand vane.	L××××
1.00					- -		' - -	Orange medium SA	ND		
					_	(1.15)	-				
							-				
					- 84	2.00	2				
2.20 2.20		HV HV		30kPa 55kPa	_		-	Firm orange SILT /	CLAY		
2.20 2.20 2.20		HV D		18kPa	-	(1.00)	-				××××
2.20					-		-				× × × × × × × × × × × ×
					_ 83	3.00	3	Soft orange SILT			X X X X X X X X
					-		-	Contorainge OIL1			: x x x x x x x x x : x x x x
3.40		D				(0.90)	-				×××× ××××
					_	3.90	-				: × × × × × × × × × × × × × × × × × × ×
					82 -	3.90	4 –		End of Trial Pit at	3.90 m	
							-				
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					- 81		5-				
					-		-				
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					- 80		6-				
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					 77		9-				
					F		-				
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					Ė		-				
GR∩I	JNDWA	TER			PE	MARKS				KEY	
	H (m)		HAVIO	OUR	Tria			ble. No groundwater enco	untered. Trial pit backfilled wit	B - Bulk disturbed sample	ar) P - In Situ CBR Plate Test
					Materia	al logged in gene	ral accor	dance with BS 5930 (as amended) & E	BAE TP	Log v1.3	

SITE		CLIENT			
Woodfo	rd Phase 1 SI	Avro Herit	age Ltd	BAES	YSTEMS
PROJECT NUMBER	CO-ORDINATES	GROUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT
A1065-00	E - 389835.61 N - 381611.87	84.347	2.70	Sheet 1 of 1	TP59
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50
SAMPLES & TES	STS STRATA			1	
TOP BASE TYPE TES	TRESULTS LEVEL (MAOD) (THICKNESS) mbgl (m)	DESCRIPTION			LEGEND WATER
0.10	(0.40) (0.40) (0.40) (0.40) (0.70) (0.70) (0.70) (0.30) (0.30) (0.30) (0.60) (0.50) (0.20) (0.20) (0.27) (0.20) (0.70) (0.50) (0.20) (0.70) (0.50) (0.20) (0.70) (0.70) (0.50) (0.20) (0.70) (0.70) (0.50) (0.20) (0.70) (0	MADE GROUND: I mixed lithology inclusubangular to subtroconcrete. Metal pip MADE GROUND: L grey and orange broat southwestern en Firm grey sandy SII Medium brown sand Firm to stiff fracture subangular to subtroconcrete. Metal pip MADE GROUND: L grey and orange broat southwestern en Firm grey sandy SII Medium brown sand Firm to stiff fracture subangular to subtroconcrete. Metal pip MADE GROUND: L grey and orange broat southwestern en Firm grey sandy SII Medium brown sand Firm to stiff fracture subangular to subtroconcrete. Metal pip MADE GROUND: L grey and orange broat southwestern en Firm grey sandy SII Medium brown sand Firm to stiff fracture subangular to subtroconcrete. Metal pip MADE GROUND: L grey and orange broat southwestern en Firm grey sandy SII Medium brown sand Firm to stiff fracture subangular to subtroconcrete. Metal pip MADE GROUND: L grey and orange broat southwestern en Firm grey sandy SII Medium brown sand Firm to stiff fracture subangular to subtroconcrete.	ight brown reworked clay own clay. Abundant whole d of trial pit. LT. Clay land drain encou	ncrete. Gravel is including brick, clinker at with abundant pockets of bricks between 0.6 and intered at 1.3m. Clay from 2.2m. th some fine to coarse is of mudstone. 2.70 m	obles of and of pale
GROUNDWATER DEPTH (m) BEHAVI	arisings.	ned stable. No groundwater enco		G - Disturbed sample (glass ES - Disturbed sample (tub ai W - Water sample	jar) P - In Situ CBR Plate Test

SITI	E				CL	IENT				No. 200	
		Wood	dford Phase	1 SI		Avro Herit	age Ltd		BAES	YSTE	MS
PROJI	ECT NU	JMBER	CO-ORDINA	ATES	GRO	UND ELEVATION (mAOD)	HOLE DEPTH (m)			TRIAL PIT	
	A1065	5-00		389933.74 381607.29		83.778	1.00	5	Sheet 1 of 1	-	ГР60
PLANT	Γ		DIMENSION	IS -	DAT	E 26/01/2012	LOGGED BY	CHECK	ED BY	SCALE	1:50
			ESTS	STRATA	1						
(mbgl)	BASE (mbgl)	TYPE	TEST RESULTS		DEPTH (mbgl)	DESCRIPTION					LEGEND WATER
0.00		_		(0.15) 0.15	-	MADE GROUND: C					
0.30		D D		(0.35)	-	MADE GROUND: L sandstone gravel.	ight brown sandy sub	prounded to s	ubangular med	ium to coarse	
0.00				0.30)	-	MADE GROUND: G	Grey sandy cobbly sub	oangular med	dium to coarse g	gravel.	
1.00		D		- 83 (0.20) 1.00	1-	MADE GROUND: D	ark grey sandy silt wi End of Trial F		c odour.	/	
					-						
				- 82	2						
				F	-						
				<u> </u>	-						
				- 81	3-						
				<u> </u>	-						
					_						
				- 80 - -	4-						
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				- - - 79	5						
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				- - - 78	6-						
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053	NEW			- -	_			112	EV		
GROU DEPTI	INDWA H (m)		HAVIOUR	REMARKS HC odour from pit terminated a	0.5m. t 1m.	Water ingress at 0.5m ma Trial pit remained stable. T	king it impossible to see rial pit backfilled with aris	base, sings.	EY - Bulk disturbed sample - Disturbed samples (plass - Disturbed sample (glass - Disturbed sample (tub a / - Water sample	stic tub) M - In Si s jar) P - In Si	tu Hand Vane Test tu Mexecone CBR Test tu CBR Plate Test to Ionisation Detector
				Material logged in gener	al accord	dance with BS 5930 (as amended) & E	3S EN ISO 14688 B.	AE TP Log v1.3			

SIT	Έ				CI	JENT		20 20 20 20		
		Woo	dford Phase	1 SI		Avro Herit	age Ltd	BAES	YSTEMS	
PROJ	ECT N	JMBER			GRO	OUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT	٦
	A1065	5-00		389699.27 381517.53		85.435	3.60	Sheet 1 of 1	TP61	
PLAN ¹	T		DIMENSION	IS	DAT	·E	LOGGED BY	CHECKED BY	SCALE	\dashv
				-		19/01/2012			1:50	
SAN	1PLE	S & 1	ESTS	STRATA	1					┪
			TEST RESULTS		DEPTH (mbgl)	DESCRIPTION			LEGEND WATE	ĒR
						MADE GROUND: E	Bituminous surfacing			
				(0.15) (0.15) (0.15) (0.15) (0.15) 0.45	-	MADE GROUND: 0	Concrete			
				0.43		MADE GROUND: 0	Concrete subbase			
0.80 0.80		B D		F 04		Orange medium SA	ND.			
				- 84 - (1.35)	1-					
				-	-					
				1.80						
1.90		D		83	2	Soft to firm orange silty sand.	×××× ××××			
				(0.90)	-	Sinty Surial			(× × × ×	
				-	-				**** ****	
				2.70	-	Orange medium SA	ND		XXXX	
				82 (0.90)	3-					
3.30		D								
				3.60			End of Trial Pit at			
				- 81	4-					
				-						
				-	-					
				80	5					
				-	-					
				-						
				- 79	6-					
				E	-					
				-	-					
				- 78	7-					
				-	-					
				- - -						
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				77 -	8-					
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GROU DEPT	JNDWA H (m)		HAVIOUR	REMARKS Trial pit remair arisings.		able. No groundwater enco	untered. Trial pit backfilled wit	KEY B - Bulk disturbed sample D - Disturbed samples (plastic G - Disturbed sample (glass is ES - Disturbed sample (tub and W - Water sample	ar) P - In Situ CBR Plate Test	t
				Material logged in gene	ral acco	dance with BS 5930 (as amended) & I	BS EN ISO 14688 BAE TP	Log v1.3		

SIT							CLIENT Avro Heritage Ltd BAE SYSTEMS				VETEME
		Woo	dfor	d Phase	1 SI			Avro Herit	age Ltd	BAE 3	ISIEMS
PROJ	IECT N	UMBEF	₹	CO-ORDINA	TES 39786.	55	GRO	OUND ELEVATION (mAOD)			TRIAL PIT
	A106	5-00			31543.			83.309	3.70	Sheet 1 of 1	TP62
PLAN	Т			DIMENSIONS	3		DAT	E 19/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50
211	//PLE	C 0 -	TEQ	TC	ет	RATA					
				T RESULTS	LEVEL (mAOD)		DEPTH (mbgl)	DESCRIPTION			LEGEND WATER
					E		-	MADE GROUND: E	Bitumen surfacing		
					_	$(0.15) \atop (0.15) \atop (0.15) \atop (0.15) \atop (0.45) \atop 0.45$	-	MADE GROUND: 0	Concrete		
0.60 0.60		HV HV		90kPa 10kPa	_	(0.55)		MADE GROUND: C	Concrete subbase		
0.60 0.60		HV D		90kPa	- 82		1-		mottled grey SILT / CLAY		× × × × × × × × × × × × × × × × × × ×
1.20		D			- 62	1.00	' -	Soft orange brown	mottled grey fine sandy SI	LT	×××× ××××
					_						×××× ×××××
					_	(1.20)	-				XXXX XXXX
					_ 81		2				XXXX XXXX
					_	2.20	-	Soft orange brown	SILT/CLAY. Becomes firm	er with denth	×××× ××××
2.40 2.40		HV HV	2 - 5	35kPa 54kPa	-		-	- Cont ordings brown	ole 170E/ (1. Bosomico illin	or war dopan.	×××× ×××××
2.40 2.40		HV D	3 - 5	55kPa	_		-				×××× ×××××
					-80	(1.50)	3				(× × × × × × × × × × × × × × × × × × ×
					_						×××× ××××
					_						***** *****
3.70 3.70		HV HV	2 - 5	70kPa 50kPa	-	3.70	-		End of Trial Pit at	3.70 m	
3.70 3.70		HV D	3 - 7	70kPa	- 79		4-	_			
					_						
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					78 		5-				
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GPOI	INDMA	TEP			רב	MADICO	-]		KEY	
	COUNDWATER PTH (m) BEHAVIOUR Trial pit ren arisings.							able. No groundwater enco	untered. Trial pit backfilled witl	B - Bulk disturbed sample	jar) P - In Situ CBR Plate Test
					Materia	al logged in gene	ral accor	rdance with BS 5930 (as amended) & I	BS EN ISO 14688 BAE TP	Log v1.3	

SIT	E				CLIENT			
		Woo	dford Phase	e 1 SI	Avro Heri	tage Ltd	BAES	YSTEMS
PROJ	JECT N	UMBEF	CO-ORDIN	IATES	GROUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT
	A1065	5-00		389887.84 381534.84	82.810	2.70	Sheet 1 of 1	TP63
PLAN	т		DIMENSIO		DATE	LOGGED BY	CHECKED BY	SCALE
LAN			DIWENSIO	-	26/01/2012	LOGGED B1	CHECKED BY	1:50
CVI	/DI E	C & 7	TESTS	STRATA				
TOP (mbgl)			TEST RESULTS	LEVEL BASE	DEPTH (mbgl) DESCRIPTION			LEGEND WATER
(mbgi)	(HDgI)			(0.10) 0.10		Bituminous surfacing.		
0.30		D		(0.30)	MADE GROUND: E	Black sandy subangular m	nedium to coarse gravel of	bitumin,
0.60 0.60		HV HV	1 - 105kPa 3 - 90kPa	(0.50)	brick fragments and			x x x x
0.60 0.60		HV D		0.90		yey SILT. Lenses of runni	ng sand.	<u>×~~×</u>
0.80 1.10 1.10		D HV HV	4 - 40kPa 5 - 35kPa	(0.90)				<u> </u>
1.10		HV D	6 - 35kPa]			***** *****
2.00		D		1.80	Stiff light brown gra	velly CLAY. Gravel is fine	to medium subrounded to	
2.00		D		(0.90)	subangular of quar	z. Running sand encount	ered at base of trial pit.	
					=			
2.70		D		2.70		End of Trial Pit at	2.70 m	
				- 80	3-			
				-				
				-				
				- 79	4-			
				-	1			
				-	=			
				- 78	5—			
				-	-			
				-	-			
				- 77	6-			
				E	=			
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				- 76	7-			
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				-	-			
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GROL	JNDWA	TER		REMARKS			KEY	
	H (m)		HAVIOUR		ed stable. No groundwater enco	untered. Trial pit backfilled wit	G - Disturbed sample (glass ji ES - Disturbed sample (tub and	ar) P - In Situ CBR Plate Test
				Material logged in copes	ral accordance with BS 5930 (as amended) &	RS EN ISO 14688	W - Water sample	

SIT	Έ				CLIENT		4 4 4 4	
		Woo	dford Phase	1 SI	Avro Heri	tage Ltd	BAES	YSTEMS
PROJ	ECT N	UMBEF			GROUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT
	A1065	5-00		89640.01 81431.95	84.437	3.70	Sheet 1 of 1	TP64
PLAN	Т		DIMENSION	S	DATE	LOGGED BY	CHECKED BY	SCALE
				-	19/01/2012			1:50
SAN	1PLE	S & 7	TESTS	STRATA	1	<u> </u>	1	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL BASE (THICKNESS) mbgl (m)	DESCRIPTION			LEGEND WATER
				(0.15) 0.15 (0.15) 0.30 (0.15) 0.45	MADE GROUND: E	Bituminous surfacing		
				(0.15) 0.30	MADE GROUND: (Concrete		
				F	MADE GROUND: 0	Concrete subbase.		
0.80		D		(0.65)	Firm orange sandy	SILT. Silt is friable.		(
1.30		D		1.10	Orange medium SA	AND		××××
1.30				- - -				
				-	=			
				82	2-			
				- -	-			
				(2.60)	=			
					=			
3.00		D		- 81	3			
				_	1			
				3.70	=			
				E	. =	End of Trial Pit at	3.70 m	
				- 80	4-			
				_ -	=			
				- -	=			
				- 79	5—			
				-				
				- -	=			
				-	-			
				- 78	6-			
				= = =	=			
				- - -]			
				_				
				77 -	7-			
				- - -	=			
				-]			
				- 76	8-			
				-	-			
				- - -]			
				<u>-</u>	1			
					9-			
				- - -	=			
				 -	-			
				<u>-</u>	=			
				_	-			
GROU DEPT	JNDWA H (m)		HAVIOUR	arisings.	ed stable. No groundwater enco	·	KEY B - Bulk disturbed sample D - Disturbed samples (plastic G - Disturbed sample (glass is ES - Disturbed sample (tub and W - Water sample	ar) P - In Situ CBR Plate Test
				Material logged in gene	ral accordance with BS 5930 (as amended) &	BS EN ISO 14688 BAE TP	Log v1.3	

SIT	E				CL	IENT		24.0		
		Woo	dford Phase	e 1 SI		Avro Heri	tage Ltd	ВА	ESYST	EMS
PROJ	ECT N	UMBEF			GRO	UND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL P	Т
	A1065	5-00		389750.96 381447.31		82.414	3.00	Sheet 1 o	f 1	TP65
PLAN ⁻	Т		DIMENSIO	NS -	DATI	E 26/01/2012	LOGGED BY	CHECKED BY	SCALE	1:50
			TESTS	STRATA				,	,	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL BASE (THICKNESS) mbgl (m)	DEPTH (mbgl)	DESCRIPTION				LEGEND WATER
				(0.10) 0.10	+	MADE GROUND: E	Bituminous surfacing			
0.30		D D		(0.30) - 0.40]	MADE GROUND: 0 fragments	Grey gravelly clay with	large concrete bould	ers and brick	
0.70 0.70		HV HV	1 - 60kPa 2 - 75kPa	(0.60)	=	Firm to stiff orange	brown mottled grey sa	andy CLAY.		
0.70 1.10		HV HV	3 - 90kPa 3 - 30kPa	81 1.00	1	Soft light brown sar	ndv CLAY.			
1.10 1.10		HV HV	4 - 40kPa 5 - 30kPa	(0.80)	=		,			
1.10		D		(0.00)	=					
				1.80]	Light brown clavev	fine to medium SAND)		<u> </u>
2.20		D		- 80	2-	g, .,				
2.20				(0.90)	=					
				2.70	1					and Controlled Local Solutions Local Solutions Salaring
3.00		D		(0.30) -79 3.00	3	Firm to stiff light bro to medium of quart	own sandy gravelly CL z.	AY. Gravel is subrou	nded fine	
3.00				-79 3.00	3	`~::::::::::::::::::::::::::::::::::::	End of Trial F	 Pit at 3.00 m		1500.000
				-	=					
					=					
				- 78	4					
				- 76	•					
				_	=					
					=					
				- - -77	5					
				ļ						
				Ē	=					
				E	=					
				- 76	6-					
				E	=					
				-	=					
				-	=					
				- 75	7-					
				-	=					
				-	=					
				-	=					
				- 74	8					
				-	=					
				-	=					
				-	=					
				- 73	9-					
				-	=					
				-	=					
				-	=					
				-	=					
GROU DEPT	JNDWA H (m)		HAVIOUR	REMARKS Sidewalls unsta	able ar	nd collapsing from 1.8m. T	rial pit backfilled with aris	G - Disturbed sa	mples (plastic tub) M - I mple (glass jar) P - I mple (tub and jar) PID - I	n Situ Hand Vane Test n Situ Mexecone CBR Test n Situ CBR Plate Test Photo Ionisation Detector
				Material logged in gener	al accord	dance with BS 5930 (as amended) &	BS EN ISO 14688 B	AE TP Log v1.3	<u> </u>	

SIT		Woo	dford Phase ´	I SI	CLIENT Avro Herit	age Ltd	BAES	YSTEMS		
							_			
PRO	IECT N	JMBER		ES 9824.23	GROUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT		
	A106	5-00		1435.16	82.362	0.15	Sheet 1 of 1	TP66		
PLAN	Т		DIMENSIONS	;	DATE	LOGGED BY	CHECKED BY	SCALE		
				-	19/01/2012			1:50		
SAN	/DI E	S & 7	ESTS	STRATA						
TOP			TEST RESULTS		DESCRIPTION			LEGEND WATER		
(mbgl)	(mbgl)				1					
				(0.15) - - -	MADE GROUND: F	Reinforced concrete. End of Trial Pit	at 0.15 m			
				-	=	2.10 01 1.10.1 1.				
				- -]					
				- 81	1-					
				_	-					
				_]					
				_	=					
				- 80	2-					
				_]					
				_	1					
				- - - 7 0	2					
				- 79	3-					
				- -	=					
				- -	=					
				- - 78	4-					
				-	·					
				_						
				_						
				- 77	5					
				_]					
				- - -	_					
				- -	-					
				- 76	6-					
				-	_					
				- -]					
				_	1					
				- 75	7-					
				_]					
					=					
				- - - 7 4						
				<u>-</u> 74 -	8—					
				- - -	1					
				- -	-					
				- 73	9-					
				= = =	1					
				 = =	=					
				- -	=					
					=					
	JNDWA	TER		REMARKS			KEY B - Bulk disturbed sample	HV - In Situ Hand Vane Test		
DEPT	H (m)	BE	HAVIOUR	Trial pit remaine arisings.	ed stable. No groundwater enco	untered. Trial pit backfilled	with D - Disturbed samples (plas G - Disturbed sample (glass	tic tub) M - In Situ Mexecone CBR Test jar) P - In Situ CBR Plate Test		
					ES - Disturbed sample (tub and jar) W - Water sample					
Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688 BAE TP Log v1.3										

SIT	Έ				CLIENT		2022	
		Woo	dford Phase	1 SI	Avro Heri	tage Ltd	BAES	YSTEMS
PROJ	ECT N	JMBER			GROUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT
	A1065	5-00		89935.70 81437.53	82.528	1.10	Sheet 1 of 1	TP67
PLAN	Т		DIMENSION	S	DATE	LOGGED BY	CHECKED BY	SCALE
				-	19/01/2012			1:50
SAN	1PLE	S & 1	TESTS	STRATA		1	1	
			TEST RESULTS	LEVEL (THICKNESS) mbgl (m)	DESCRIPTION			LEGEND WATER
				(0.15) 0.15		Concrete		
				(0.30)	MADE GROUND C	Concrete subbase with brid		
0.55		D		(0.65)	MADE GROUND: 0	Grey black sandy silt/clay with at 1m, covering part of	with some ash; hydrocarb water pipe.	on
0.95		D		82	1 -			
				- 1.10	=	End of Trial Pit at	1.10 m	
				- - -	1			
				- - - 81	2			
				-	2			
				- - -	1			
				- - -]			
				- 80	3-			
				- - -				
				- - -				
				- 79	4 -			
				- -	=			
				_ _ _	=			
				-78	5—			
				_ _ _				
				- - 	_ =			
				- 77	6			
				- - -	=			
				- - -	1			
				- 76	7 –			
				_]			
				- - -	=			
				- 75	8-			
				E	=			
				- -				
				- 74	9-			
					- <u>- </u>			
				- - -	1			
					1			
GROUNDWATER REMARKS							KEY	
DEPT			HAVIOUR	REMARKS Trial pit remain arisings.	S ned stable. No groundwater enco	untered. Trial pit backfilled witl	B - Bulk disturbed sample	ar) P - In Situ CBR Plate Test
				Material logged in gen	eral accordance with BS 5930 (as amended) &	BS EN ISO 14688 BAE TP	Log v1.3	

SIT	SITE						CLIENT			20 20 20 20				
		Woo	dfor	d Phase 1	1 SI			Avro Herit	age Ltd	BAES	YSTEMS			
PROJ	ECT N	JMBEF	۲ (CO-ORDINA			GRO	OUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT			
	A1065	5-00			89710.9 81366.4			82.427	3.90	Sheet 1 of 1	TP69			
PLAN	T		1	DIMENSIONS	3		DAT	E	LOGGED BY	CHECKED BY	SCALE			
					-			19/01/2012			1:50			
SAN	1PLE	S & 7	TES	ΓS	STI	RATA	ı							
				RESULTS	LEVEL (mAOD)	BASE (THICKNESS) mbgl (m)	DEPTH (mbgl)	DESCRIPTION			LEGEND WATER			
					ļ.	(0.05) 0.05 (0.10) 0.15	-	MADE GROUND B	itumen surfacing		**********			
0.35		D			-	(0.05) 0.20 (0.45)	-	MADE GROUND: 0	Concrete					
					-	0.65	=	MADE GROUND: C	Concrete subbase		××××			
0.95							1-	☐ Orange medium SAND.						
0.95						1.30	-				1.			
1.50 D							-	Soft orange brown	with some grey mottling S	ILT	×××× ××××			
(0.80)						(0.80)	-				××××			
= 80						2.10	2-	Firm orango brown	mottled grov clightly lamir	nated SILT/CLAY . visible	(xxxx) xxxxx			
2.30 2.30		HV HV	1 - 8 2 - 7	6kPa	Ē	(0.80)	=	plant remains at top		lated SILT/CLAT . VISIBLE	<u> </u>			
2.30		HV B	3 - 8	2kPa	_	(0.00)	=				* * * * * * * * * * * * * * * * * * *			
3.00	2.30 D						3-	Orange brown very	silty fine SAND.					
					_		=				* * * *			
					-	(1.00)	=				*			
3.90		D				3.90					·			
					- 78 -		4-		End of Trial Pit at	3.90 m				
					-		-							
					-		-							
					_ 77		5							
					_		=							
					-		-							
					- 70		_							
					76 		6-							
					_		=							
					-		-							
					- 75 		7-							
					_		=							
					_		-							
					- 74		8-							
							-							
					-		-							
					F		-							
					- -73		9-							
							=							
							-							
-					<u> </u>		-							
GROL	GROUNDWATER REMARKS					MARKS	-	I		KEY	HV - In Situ Hand Vane Test			
DEPT							ed sta	ble. No groundwater enco	untered. Trial pit backfilled wit	B - Bulk disturbed sample D - Disturbed samples (plastic G - Disturbed sample (glass ja ES - Disturbed sample (tub and W - Water sample	tub) M - In Situ Mexecone CBR Test P - In Situ CBR Plate Test			
	Material logged in s							dance with BS 5930 (as amended) & I	BAE TP	Log v1.3				

SIT	SITE Woodford Phase 1 SI					IENT Avro Herit	BAES	YSTE	MS	
										_
PROJ	ECT N	JMBER		ATES 89890.43	GRO	UND ELEVATION (mAOD)			TRIAL PIT	
	A1065	5-00		81352.75		82.196	3.30	Sheet 1 of 1	7	ΓP71
PLAN	Т		DIMENSION	S	DATI		LOGGED BY	CHECKED BY	SCALE	
				-		25/01/2012				1:50
			TESTS	STRATA				,	1	
TOP (mbgl)	(mbgl)	TYPE	TEST RESULTS		DEPTH (mbgl)	DESCRIPTION				LEGEND WATER
				(0.20)	=		Bituminous surfacing			
				(0.70)	=	MADE GROUND: Y	'ellow sandy cobbly angu	lar medium to coarse sto	ne.	
				-	=					
0.90		D		-81 ^(0.10) 0.90	1-	MADE GROUND: D	ark grey organic SILT		/	
				E	=	Light brown fine to I	medium SAND			
1.70	1.70 D (1.20)									
		_		- 80	2					
				2.20		Soft light brown san	idy SII T			××××
2.50		D		(0.40)		Ook light brown sai	ldy OIL1.			× × × × × ×
				F	=	Dark brown mediun	n gravelly SAND.			
	79 (0.70)									
3.30		D		3.30	=		 End of Trial Pit at	 3.30 m		
				-	=					
				_ 78	4-					
				- - -						
				E	-					
				77	5-					
				-	=					
				F	=					
				_ 76	6					
				-	=					
				- - -	=					
				-	=					
				75 	7-					
				Ė	=					
				-	=					
				_ 74	8					
				-	=					
				F	=					
				72	<u>,</u> =					
				73 	9-					
				E	=					
				-	=					
					‡					<u> </u>
GROU DEPT	JNDWA H (m)		HAVIOUR	arisings.	ed sta	ble. No groundwater encou	untered. Trial pit backfilled wi	th B - Bulk disturbed sample D - Disturbed sample (plast G - Disturbed sample (plast SS - Disturbed sample (tub ar W - Water sample	tic tub) M - In Si jar) P - In Si	tu Hand Vane Test tu Mexecone CBR Test tu CBR Plate Test to Ionisation Detector

SIT	SITE Woodford Phase 1 SI				CLIENT Avro Heritage Ltd			242.5	VOTERS				
		Woo	dford Phase	1 SI		Avro Herit	age Ltd	BAES	YSTEMS				
PROJ	ECT N	UMBEF		TES 39701.46	GROUND ELEV	ATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT				
	A106	5-00		81314.94	82.2	262	3.00	Sheet 1 of 1	TP72				
PLAN	Т		DIMENSION	S	DATE 27/01/	/2012	LOGGED BY	CHECKED BY	SCALE 1:50				
	4DI E	0.0.7	FE0.T0	- LOTDATA	277011	2012			1.50				
			TESTS TEST RESULTS	STRATA LEVEL BASE (THICKNESS) mbgl (m)	DEPTH (mbgl) DESCRI	PTION			LEGEND WATER				
(mbgi)	(mbgi)			(0.08) 0.08			Bituminous surfacing						
0.50		D		(0.82)	1 -			ular gravel with whole bric	ks				
1.00		D		0.90	1 MADE	GROUND: L	ight brown clayey silt w	ith brick fragments.					
1.40		D		1.30	Soft light brown clayey SILT.								
				(1.00)			, ,		× × × × × × × × × × × × × × × × × × ×				
				80	2								
2.30		D		2.30	- Very s	oft light grey	sandy clayey organic S	ILT	× × × × × × × × × × × × × × × × × × ×				
				(0.60)]				× 3/6 × × × × 5 × 3/6 ×				
3.00		D		79 ^(0.10) 2.90	3 Light b	prown silty fin	e SAND with organic ma						
				_	=		End of Trial Pit	at 3.00 m					
				- - -	3								
				- 78	4								
				<u>-</u>	=								
				_	1								
				- 77	5								
				-	=								
				- -	=								
				_ 76	6								
				-]								
				- - -	=								
				_ <u>-</u> 75	7-								
					=								
				- - -]								
				- 74	8-								
				_	1								
				- 73	9-								
F 73					-								
				E	=								
				E	=								
GROL	JNDWA	TER		REMARKS				KEY					
DEPT			HAVIOUR			oundwater enco	untered. Trial pit backfilled v	with B - Bulk disturbed sample D - Disturbed samples (plas G - Disturbed sample (glas ES - Disturbed sample (tub a W - Water sample	s jar) P - In Situ CBR Plate Test				
				Material logged in general	al accordance with BS 5	5930 (as amended) & I	BS EN ISO 14688 BAE	TP Log v1.3					

SITE					CLIENT					\neg
		Woo	dford Phase	1 SI		Avro Herit	age Ltd	BAES	YSTEMS	
PROJ	ECT N	JMBER			GRO	UND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT	
	A1065	5-00		39887.54 31283.47		82.244	2.90	Sheet 1 of 1	TP73	
PLAN	т		DIMENSIONS		DATI	=	LOGGED BY	CHECKED BY	SCALE	\dashv
,			BINIEROION	-		26/01/2012	LOGGED B1	ONEONED DI	1:50	
CVI	/DI E	C 0 T	TESTS	STRATA						\dashv
			TEST RESULTS		DEPTH (mbgl)	DESCRIPTION			LEGEND WAT	ER
(mbgl)	(mbgl)			(0.10) 0.10	(mogi)		Bituminous surfacing			\dashv
0.30		D		(0.40)	=		Dark grey sandy clay with	whole bricks		
0.60		D		0.50	=		ight brown sandy clay wit			
		_		0.80			ight brown reworked silty			
1.00		D		81 (0.60)	1-			•		
				1.40	1	Very soft light brow	n sandy CLAY			
1.70		D		-	=	very continging and a				
				80 _(1.30)	2					
					=					
				-	=				man in the second of the secon	
2.90		D		2.70 (0.20) 2.90	_ =	Very soft light grey	sandy organic SILT.		× 216 × × 216	
				79 ^{2.00}	3-		End of Trial Pit at	2.90 m		
				- -	=					
				E	-					
				- 78	4					
				- - -	=					
				_	=					
				E	=					
				- 77 -	5-					
				-	=					
				-	=					
				- 76	6					
				- - -	=					
				_	=					
				-	1					
				- 75 -	7-					
				-	=					
				-	=					
				- 74	8-					
				- - -	=					
				_	=					
				<u>-</u>	=					
				- 73 -	9-					
				-	=					
				E	-					
					=					
	ROUNDWATER REMARK EPTH (m) BEHAVIOUR Trial pit remarkarisings.					ble. No groundwater enco	untered. Trial pit backfilled wit	G - Disturbed sample (glass ES - Disturbed sample (tub ar	jar) P - In Situ CBR Plate Test	st
				Material logged in generation	ral accord	lance with BS 5930 (as amended) & I	BAE TP	W - Water sample Log v1.3		

SIT	SITE					IENT	26.71.5		na filadi		
	V	Voodf	ord Phase	1 SI		Avro Herit	age Ltd	BAES	SYST	EMS	
PRO	IECT NUN	MBER	CO-ORDINA	TES	GRO	UND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PI	Т	
	A1065-	00		89476.97 81813.90		85.243	2.50	Sheet 1 of 1		TP74	
PLAN	Т		DIMENSION	S -	DATI	E 18/01/2012	LOGGED BY	CHECKED BY	SCALE	1:50	
SAN	/IPLES	& TE	STS	STRATA	1						
TOP (mbgl)	BASE (mbgl)	YPE TI	EST RESULTS	LEVEL (THICKNESS) mbgl (m)	DEPTH (mbgl)	DESCRIPTION				LEGEND WATER	
0.10		D		(0.20) (0.10) 0.20 0.30	- - - -	MADE GROUND: B	lack fine to coarse sub	o angular to sub rounded s gy including abundant clini	andy ker.		
0.50		D		(0.40) (0.20) (0.20)		MADE GROUND: D pockets of light brow rounded gravel and	vn sand and some fine	y reworked clay with abune to coarse sub angular to	dant sub		
1.20		D		0.90	1-	\	ark brown clayey pseu	udofibrous peat with plant	remains and		
1.00	1.80 D C (0.20) H					encountered at 0.8n	n.	dy peaty clay. Clay land dr			
1.80		ט		83 2.20	2-	and occasional stiff	grey clay [reworked].	nd with abundant pockets o	of grey sand		
2.50		D		(0.30)	=	Medium light brown		s of medium light brown sa	and		
2.00				2.50	=	\ Medium light brown		5 or mediani light brown Se	ariu.		
				- 82	3	(oa.aaa	End of Trial Pi	t at 2.50 m		-/	
				-	1						
				-	=						
				Ē	=						
				- 81	4						
				-	=						
				-	=						
				-	=						
				80	5-						
					=						
				-	=						
				70	_ =						
				- 79	6-						
				E	=						
				-	=						
				- -78	7						
				-	. 4						
				E	=						
				-	=						
				- -77	8-						
				E	=						
				-	=						
				-	=						
				- 76	9-						
				-	=						
				E]						
				_							
	REMARKS PEPTH (m) BEHAVIOUR Trial pit rema arisings.					mained stable. No groundwater encountered. Trial pit backfilled with B. Bulk disturbed sample HV - In Situ Mand Vane Test D - Disturbed sample (glass jar) G - Disturbed sample (glass jar) P - In Situ CBR Plate Test ES - Disturbed sample (two and jar) PID - Photo Ionisation Detector					
					W - Water sample PID - Photo Ionisation Detector						
				Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688 BAE TP Log v1.3							

SIT	SITE Woodford Phase 1 SI					IENT Avro Herit	age Ltd	BAES	YSTEMS
PROJ	ECT N	JMBER	CO-ORDINA	TES	GRO	OUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT
	A106	5-00	_	39471.88 81731.38		86.012	2.40	Sheet 1 of 1	TP75
PLAN	т		DIMENSION		DAT		LOGGED BY	CHECKED BY	SCALE
			DIVIENCION	-	DAI	18/01/2012	LOGGED B1	ONE ONE DI	1:50
SAN	/PI F	S & T	ESTS	STRATA					
TOP (mbgl)			TEST RESULTS		DEPTH (mbgl)	DESCRIPTION			LEGEND WATER
0.10		D		(0.20)		Soft very sandy TO occasional subangulithology.	PSOIL with occasional pollar to subrounded gravel a	ckets of pale grey sand ar and cobbles of mixed	nd
0.60		D		- (0.60) - 0.80	-	MADE GROUND: E	Brown reworked sand with casional fragments of clay	pockets of reddish brown	and dark
1.00		D		- 85 (0.40) - 1.20	1-		with abundant pockets of r		tiff
1.50		D		(0.50)	-		SAND with abundant lens	ses of medium light brown	***
1.80		D		1.70 	2		with some lenses of firm g	rey clay.	The second secon
				2.40	-				
2.50		D		-	=		End of Trial Pit at 2	2.40 m	
				- 83	3-				
				- - -	=				
				- -	=				
				-	-				
				=-82 -	4-				
				<u>-</u> -	=				
				- - -	-				
				- 81	5				
				_	-				
				_	-				
				- 80	6-				
				00 - -	-				
				-	-				
				- -	=				
				- 79	7-				
				- - -	-				
				- -	-				
				- - -78	8-				
				- 70	-				
					-				
				E	=				
				- 77	9-				
					-				
					-				
GROU	GROUNDWATER REMARKS					1		KEY	
DEPT	H (m)	BEH	HAVIOUR			ble. No groundwater enco	untered. Trial pit backfilled with	B - Bulk disturbed sample D - Disturbed samples (plastic G - Disturbed sample (glass ja ES - Disturbed sample (tub and W - Water sample	r) P - In Situ CBR Plate Test
	Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688 BAF TP Log v1.3								

SIT	SITE Woodford Phase 1 SI				CLIENT		444	VOTENO
		Woo	dford Phase	1 SI	Avro Heri	tage Ltd	BAES	YSTEMS
PROJ	IECT N	JMBER		TES 91376.02	GROUND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT
	A106	5-00		82519.91	90.702	3.20	Sheet 1 of 1	TP76
PLAN	Т		DIMENSION	S	DATE 23/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50
	4D. F	0.0.7	F0.T0	CTDATA	20/01/2012			1.50
TOP (mbgl)	BASE (mbgl)	S & I	TESTS TEST RESULTS	STRATA LEVEL BASE (THICKNESS) mbgl (m)	DEPTH (mbgl) DESCRIPTION			LEGEND WATER
((mbgi)	D			- MADE GROUND: (Concrete		1574225
0.17		D		(0.15) (0.15) 0.30	MADE GROUND: E	Black sandy subangular gr	avel of bitumen. Hydroca	rbon
0.50		D		(0.50)	odour. MADE GROUND: I	ight brown sandy clay [re	worked].	
1.10		HV	1 - 40kPa	90	1 Soft light yellow bro		•	The state of the s
1.10 1.10 1.10	0 HV 3 - 30kPa [=			
1.10		D		1.70	Firm to stiff light bro	DWD CLAV		
1.00		D		-89	2	OWIT CLAT.		===
				(1.50)	-			533
				(1.50)	=			
					3-			
3.20		D		3.20		End of Trial Pit at	3.20 m	
				-	-			
				- 87	4—			
				- 86	5—			
				-				
				- 85	6—			
				_	1			
				- - 84	7—			
				- 0 4 - - -	<u> </u>			
				-	=			
				-	-			
				83 	8			
				-	=			
				82 	9—			
					=			
]			
000:	INIDAM	TED		- -			KEY	
	JNDWA ^T H (m)		HAVIOUR	REMARKS Trial pit remain arisings.	; ned stable. No groundwater enco	untered. Trial pit backfilled witl	B - Bulk disturbed sample	ar) P - In Situ CBR Plate Test
L				Material logged in gener	eral accordance with BS 5930 (as amended) &	BS EN ISO 14688 BAE TP	Log v1.3	

SITE				CLIENT			205		282.7
	Woo	odford Phase	1 SI		Avro Herit	tage Ltd	BAE	SYSTE	MS
PROJEC ⁻	T NUMBE	R CO-ORDINA	TES	GRO	UND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT	
	1065-00	N - 3	89238.10 82708.04		90.130	1.80	Sheet 1 of 1		P77
PLANT		DIMENSION	S -	DATI	25/01/2012	LOGGED BY	CHECKED BY	SCALE	1:50
		TESTS	STRATA			1	1	\	
TOP BA	ASE TYPE	TEST RESULTS	LEVEL (THICKNESS) mbgl (m)	DEPTH (mbgl)	DESCRIPTION				LEGEND WATE
0.10	D		(0.20)	4	MADE GROUND: L	ight brown silty rework	ked topsoil.		
0.40	D		- - - (0.65)	-	MADE GROUND: L concrete and clinke	ight brown sandy grav er, plastic.	relly clay with some whole	bricks,	
0.90 1.10	D D		-89 (0.10) 0.85 (0.25) 0.95	1-	MADE GROUND: E	Black sandy subangula	r gravel. Gravel is ash with	 า /	× × × × × × × × × × × × × × × × × × ×
			1.20	1	Soft grey SILT (Orig			/	
1.60	D			1	Soft grey sandy CL	AY.			
1.80	D		(0.10) 1.70 1.80	2-	Soft orange brown	sandy CLAY (Weather		/	
			- 00	-		End of Trial Pi	it at 1.80 m		
			- - -	=					
			<u>-</u>	=					
			- 87	3					
			- - -	=					
			= = =	=					
			-	=					
			- 86	4-					
			<u>-</u> -	=					
			- -	=					
			- 05	_ =					
			= 85 - -	5-					
			- -	=					
			_ _ _	=					
			- 84	6					
			=						
			- -	=					
			<u>-</u>	=					
			83	7					
			-	=					
			<u>-</u>	=					
			<u> </u>	_ =					
			- 82	8-					
			<u>-</u>	=					
			<u>-</u> -	=					
			- 81	9-					
			<u> </u>						
			- - -	=					
			<u>-</u>	=					
			[-	=					
GROUND DEPTH (r		EHAVIOUR	REMARKS Trial pit remaine		ble. No groundwater enco	untered. Trial pit backfilled	KEY B - Bulk disturbed sample D - Disturbed samples (p	lastic tub) M - In Situ	Hand Vane Test Mexecone CBR Test
			arisings.		2	,	G - Disturbed sample (gla ES - Disturbed sample (tul W - Water sample	ass jar) P - In Situ	CBR Plate Test Ionisation Detector
			Material logged in gener	al accord	lance with BS 5930 (as amended) &	BS EN ISO 14688 BA	E TP Log v1.3		

SIT	SITE					IENT	***	NEW ENGL		
		Woo	dford Phase	1 SI		Avro Herit	age Ltd	BAES	YSTE	WS
PROJ	ECT N	JMBER			GRO	UND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT	
	A1065	5-00		89187.34 82066.03		85.609	3.10	Sheet 1 of 1	TF	78
PLAN	Т		DIMENSION	S	DATI		LOGGED BY	CHECKED BY	SCALE	
				-		24/01/2012				:50
SAN	1PLE	S & 1	TESTS	STRATA						
			TEST RESULTS		DEPTH (mbgl)	DESCRIPTION			L	EGEND WATER
				(0.20)		MADE GROUND: E	Bituminous surfacing.			
0.30		D		(0.40)	=	MADE GROUND: 0	Concrete.			
				0.60	=	Soft to firm light ora	inge brown sandy CLAY.		- 7	
0.80		D		-85 _(0.90)	1-					
				- (5.5.5)	=					
1.60	60 D 1.					Red brown clayey f	ine to medium SANDY CL	_AY.		
				-	_ =				2	
2.20		D		84 (1.30)	2-					
				- - -	=				5	
	2.					0.000			5	container - man primer - manual - man - man - man
3.10	83 (0.30)					Stiff light red brown				
				- -	=		End of Trial Pit at	3.10 m		
				- - -	=					
				- 82	4					
				- -	=					
				- = =	=					
				- 04	_ =					
				- 81	5-					
				- -	=					
				_	=					
				80	6					
				_ _ _						
				_ _ _	-					
				- 79	7-					
				- - -	=					
				- - -	=					
				- 78	8					
				-						
				- - -	=					
				- - -	=					
				77 	9-					
					=					
					=					
					=					
	ROUNDWATER BEPTH (m) BEHAVIOUR Sides unstable with arisings.					sing from 1.9m, running sa	and 2.2m. Trial pit backfilled	KEY B - Bulk disturbed sample D - Disturbed samples (plass G - Disturbed sample (glass ES - Disturbed sample (tub ar W - Water sample	tic tub) M - In Situ M jar) P - In Situ C	and Vane Test execone CBR Test BR Plate Test nisation Detector
				Material logged in gener	ral accord	dance with BS 5930 (as amended) & I	BS EN ISO 14688 BAE TP	Log v1.3		

SITE					CLIENT						
		Woo	dford Phase	1 SI		Avro Herit	age Ltd	BAES	YSTEMS		
PROJ	ECT N	JMBER			GROUN	ID ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT		
	A1065	5-00		89457.68 81543.75		87.968	3.20	Sheet 1 of 1	TP79		
PLAN'	Т		DIMENSION	 S	DATE		LOGGED BY	CHECKED BY	SCALE		
				-		27/01/2012			1:50		
SAN	1PLE	S & 1	TESTS	STRATA							
			TEST RESULTS		DEPTH D	ESCRIPTION			LEGEND WATER		
				<u></u>		Very soft light brown	n very sand SILT with org	anic odour [topsoil].			
0.30		D		(0.60)	=						
0.70		D		0.60		Orange brown silty	SAND with occasional sul	orounded gravel of sands	itone.		
				87 _(0.90)	1-						
					=						
1.60		D		1.50 (0.20)	1	Firm orange brown	mottled grey very sandy S	BILT	****		
1.90		D		-		Very soft pink orang			×××× ××××		
				- 86	2-				×××× ×××× ××××		
				(1.50)	=				* * * * * * * * * * * * * * *		
2.80		D		_ -	=				×××× ××××		
				85	4						
				3.20	+-		End of Trial Pit at	3.20 m	<u>(×××</u>		
				- - -	=						
				- 84	4						
				-	Ť =						
				- - -	=						
				= = =	-						
				83	5						
				- -	=						
				- - -	=						
				- 82	6						
				_	=						
				=	=						
				-	_ =						
				<u>-</u> -81	7-						
				<u>_</u>	=						
				<u>-</u>	=						
				80	8-						
				- - -	=						
				- - -	=						
				- - 79	9-						
				- ' -							
					=						
					=						
								LVEY.			
	ROUNDWATER REMARKS Sides unstable arisings.					apsing from approximate	ely 2.5. Trial pit backfilled with	KEY B - Bulk disturbed sample D - Disturbed samples (plasti G - Disturbed sample (glass) ES - Disturbed sample (tub an W - Water sample	ar) P - In Situ CBR Plate Test		
				Material logged in gener	al accordanc	ce with BS 5930 (as amended) & E	BAE TP	Log v1.3			

SIT				4.01	CL	IENT		PACC	VETEME
		Woo	dford Phase	1 SI		Avro Herit	age Ltd	BAE 3	YSTEMS
PRO	IECT N	UMBEF		TES 39583.29	GRC	OUND ELEVATION (mAOD)		01 11 51	TRIAL PIT
	A106	5-00		31446.10		85.849	3.50	Sheet 1 of 1	TP80
PLAN	Т		DIMENSIONS	5	DAT	E -	LOGGED BY	CHECKED BY	SCALE 1:50
CVI	/DI E	C 2 7	TESTS	STRATA					
TOP (mbgl)			TEST RESULTS		DEPTH (mbgl)	DESCRIPTION			LEGEND WATER
				(0.40)	-	Soft black sandy sil	t with organic odour [Top	osoil].	
				0.40	-	Orange very silty S	AND with some subround	ded gravel and ocassional	
				- - -	-	cobbles of mixed litt	hology. Silt content decre	easewith depth.	
				85 _(1.30)	1-				
				- - -	-				
				1.70	-	Very soft red mottle	d orange very sandy SIL	Т.	×××× ×××× ×××××
				(1.00)	2-				(
				<u>-</u> -	-				(XXXX XXXX XXXX
				2.70 - - - 83	3-	Orange slightly silty	SAND		× × × ×
				(0.80)	- - -				* * * *
				3.50	=		End of Trial Pit a	 t 3.50 m	
				- 82	4-				
				-	-				
				-	-				
				_ _ 81	5-				
				- - -	-				
				_ _ _	=				
				- 80	6				
				_	-				
				- - -	-				
				79	7-				
				- - -	=				
				<u>-</u>	-				
				- 78	8-				
				<u>-</u>	-				
				_ _ _	-				
				- 77	9-				
				_	-				
				-	- - -				
GBO	INDIA	TEP		DEMARKS				KEY	
	JNDWA H (m)		HAVIOUR	REMARKS Trial pit remains arisings.	ed sta	ble. No groundwater encou	untered. Trial pit backfilled w	B - Bulk disturbed sample	jar) P - In Situ CBR Plate Test
				Material logged in gener	al accor	dance with BS 5930 (as amended) & E	BS EN ISO 14688 BAE TI	P Log v1.3	

SIT	Έ				CL	IENT		202	
		Woo	dford Phase	1 SI		Avro Herit	age Ltd	BAES	YSTEMS
PRO	IECT N	UMBEF			GRC	UND ELEVATION (mAOD)	HOLE DEPTH (m)		TRIAL PIT
	A106	5-00		39456.24 31544.19		88.013	1.40	Sheet 1 of 1	TPA
PLAN	Т		DIMENSIONS		DAT		LOGGED BY	CHECKED BY	SCALE
				-		-			1:50
SAN	/IPI F	S & 7	ΓESTS	STRATA					
TOP (mbgl)			TEST RESULTS		DEPTH (mbgl)	DESCRIPTION			LEGEND WATER
				(0.40)	=	MADE GROUND: B concrete and metal.	Brown sandy silt with much	subrounded gravel of bi	itumen,
				0.40	=	MADE GROUND: B	Brown mottled yellow sand ded gravel of mixed litholo	y slightly silty clay with ogy.	
				- (0.80) 87	1-				
				1.20	· -	MADE GROUND: R	Red brown sandy angular f	to subangular gravel of b	rick,
				-	=	Concrete and ocass	End of Trial Pit at	1.40 m	
				- - 86	2-				
				- - -	=				
				- -	=				
				- - 85	3-				
				- 65 - -	3- -				
					-				
				<u> </u>	=				
				- 84	4-				
				-	=				
				- - -	-				
				- 83	5 -				
				-	=				
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				- - 82	6-				
				- - -	-				
				Ē	-				
				_ 	- - -				
				- 81 - -	7-				
				E	-				
				<u> </u>	-				
				- 80	8-				
				E	=				
				E	-				
				_ 79	9-				
				-	=				
				<u> </u>	-				
				- - -	-				
	I JNDWA TH (m)		HAVIOUR	REMARKS Trial pit remain arisings.	ed sta	ble. No groundwater encou	untered. Trial pit backfilled with	KEY B - Bulk disturbed sample D - Disturbed samples (plasti G - Disturbed sample (glass) ES - Disturbed sample (tub an W - Water sample	jar) P - In Situ CBR Plate Test
				Material logged in general	al accor	dance with BS 5930 (as amended) & E	BS EN ISO 14688 BAE TP I	Log v1.3	

SIT		\\/oo	dford Phase	1 QI	CLIENT	Heritage Ltd	BAES	YSTEMS
		VV00	ulolu Filase	1 31	AVIOT	Terriage Liu		
PRO	JECT N	UMBEF		TES 39583.89	GROUND ELEVATION (m.	AOD) HOLE DEPTH (m)		TRIAL PIT
	A106	5-00		31444.01	85.719	1.20	Sheet 1 of 1	TPB
PLAN	IT		DIMENSIONS	3	DATE	LOGGED BY	CHECKED BY	SCALE
				-	-			1:50
			TESTS	STRATA				
(mbgl)	(mbgl)	TYPE	TEST RESULTS	LEVEL BASE (THICKNESS) mbgl (m)	DESCRIPTION DESCRIPTION			LEGEND WATER
				(0.30)		ND: Black sandy silt with orga		
				(0.60)	MADE GROUI	ND: Grey sandy slightly silty a of limestone, concrete and bri	ingular to subangular medi ick.	ium to
				0.90 85	1-	End of Trial Pit a	t 1.20 m	
				<u> </u>	1			
				-]			
				- - - 84	2			
				- 0 4 -				
				<u> </u>	=			
				_	1			
				= 83 -	3-			
				- - -	1			
				-	1			
				- 82	4-			
				- - -	1			
				-	1			
				- 81	5			
				<u>-</u>	1			
				-	3			
				- 80	6—			
				- 00 - -	=			
				E	‡			
				<u> </u>	‡			
				79 -	7—			
				-	1			
				<u> </u>	=			
				- -78	8-			
				- - -	1			
				<u>-</u>	=			
				- 77	9—			
				<u>-</u>]			
				-]			
				E	=			
GRO	 Undwa	TER		REMARKS	4		KEY	
	ΓΗ (m)		HAVIOUR			encountered. Trial pit backfilled w	ith B - Bulk disturbed sample D - Disturbed samples (plasti G - Disturbed sample (glass) ES - Disturbed sample (tub an W - Water sample	ar) P - In Situ CBR Plate Test
				Material logged in gener	ral accordance with BS 5930 (as amer	nded) & BS EN ISO 14688 BAE T	P Log v1.3	

Hole No. **BOREHOLE LOG BH101** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 Project Woodford Aerodrome 1 of 1 Fax: Job No Client Date 23-06-14 70004430 Harrow Estates Plc 24-06-14 Co-Ordinates (NGR) Contractor / Driller Method/Plant Used Logged By Ground Level (m AOD) E 389687.160 90.530 Geo Site Surveys Ltd Dando 2000 J Watson N 382859.970

142	MDIF	ES & TE	272									STRAT	.ν	I			Inst
JAI	VIFEL	-3 & IL						Depth				JINAI			1		Bac
Depth	Туре	Test Result	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2	Water	Elev. (mAOD)				D	escription			Legend	Geology	D 5 m
0.30-0.40	٦,		0				90.33		ı	DE GROUND:						MG	V
0.30-0.40 0.70-0.80 1.00-1.20	ES ES ES		0 0			<u>1</u> 1		(2.00)	with ash,	occasional ro	ots. Gravel is	rey brown occ fine to coarse ad various litho	angular and	k gravelly SAND subangular of		MG	
2.00 2.00-2.45	SPT D	1,0,1 0,1,1 N=3(S) SPT	0					(1.00) 3.20	Very with	soft extremely occasional poperation	ockets (10-30)	low strength li	ght grey silty o amorphous pe	organic CLAY eat.	× × × × × × × × × × × × × × × × × × ×	SUPD	
2.40-2.60 2.75 3.00-3.45 3.40-3.60 3.75 4.00-5.00 4.75 5.00	ES D U100 ES D U100 D SPT D U100	19 blows 31 blows 1,2,2 2,4,5 N=13(S) SPT 67 blows	0	80 80 72 70 70 78 56				(4.00)	Firm	n medium and	high strength			y slightly unded of various		GDU	
-				40 70			83.33	7.20	6.95	Cobble							1 E
- 8.00	SPT	1,1,2 2,5,9					81.93	(1.40)				fine SAND. (G		,		GDU	
8.00-8.45 8.75 9.50-9.95 10.00	D D U100 D	N=18(S) SPT 71 blows				2	80.23	(1.70)	suba	angular to roui	nded of variou	is lithologies.	(GLACIAL DE			GDU	
11.00	SPT	2,3,2 5,3,3 N=13(S)				2		(2.30)	Med	lium dense ora	angish brown	fine SAND. (G	GLACIAL TILL)		GDU	
71.00-11.45 11.75 12.50	D D SPT	SPT 2,3,3 4,4,4				÷	77.93 77.53	12.60	Firm			ly gravelly CL/		ine and medium		GDU	
14.00-14.45	D	N=15(S) SPT					76.08	(1.45) 14.45	Med			fine SAND. (G				GDU	
								<u>andananahannahannahannahannahannahannah</u>	Bore	ehole terminat	ed at 14.45m	bg l					
			•	Bori	ng Pı	rogres	SS	-					Water	Strikes			=
Date		Time		Depth	Ī		ng Dpt	Dia. (n	nm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Ca	asing
23-06-14 24-06-14		00.00 00.00		9.00 14.45			.00 1.45			-			1.10 12.00	20 20	1.10 9.80	- 1	.00 2.00
		Chis	elling					V	Vater	Added	-						
From		То	_	Hours		T	ool	Fror		То	No visual or No radiologic Groundwater	nplete at 14.45m olfactory evidend al readings abort encountered at	ce of contaminative background round round to the contraction of the c		ı bgl as gro	undwater	·.
Scal	e 1:12	25				ensio ficatio		etres. Lo	ogs sh	nould be read	in accordance	with the prov	ided Key. Des	criptions are bas	ed on visu	ial and	

				1	
WSP		BOREHOLE LO	OG	Hole	BH102
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:	Project	Woodford Aerodrom	е	Shee	et 1 of 1
Job No 70004430	Client	Harrow Estates Plc		Date	14-07-14 15-07-14
Contractor / Driller	Method/Plant Used	Logged By	Co-Ordinates (NGR)	(Ground Level (m AOD)
Geo Site Surveys Ltd	Dando 2000	S McGeever	E 389250.480 N 382705 460		90.020

SA	MPLE	ES & TE		_	_			Donth				STRAT	A			1	Ins Bad
Depth	Туре	Test Result	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			D	escription			Legend	Geology	/ 5 m
							88.32	(1.70)	MAI	DE GROUND: rse subangula	Light brown s Ir to rounded c	sandy ashy GF of limestone, b	RAVEL. Grave rick and vario	el is fine to us lithologies.		GMG	
2.00-2.45 2.75 3.00 3.75 4.00-4.45 4.45-4.50 5.00 6.50 7.50 8.00-8.45 9.00 9.50 10.00-10.50 11.50-12.00 12.00	U100 D SPT D U100 D SPT D U100 B SPT B SPT B SPT B SPT	2,3,2 3,4,5 N=14(S) 4,4,6 7,8,8 N=29(S) 6,6,5 5,11,17 N=38(S) 3,3,5 4,6,8 N=23(S) 3,4,5 N=14(S)				1 = 2 = = = = = = = = = = = = = = = = =	78.02	(7.80)	(GL	Flight brown at ACIAL DEPO:	SITS)			l lenses.		GDU	
Date		Time	Г	Depth	ily Fi	rogres	ng Dpt	Dia. (m	nm)	Water Dpt	Date	Time	Strike	Strikes Minutes	Standing	Ca	asing
Date		THIC		⊃eh⊞		Casi	пу Брі	ыа. (II	#11 <i>)</i>	νναισι υρι	Date	THE	4.50 9.50	10	3.10		uoii iÇ
From		Chis To	elling	Hours		Т	ool	Fron		Added To	No visual or o	nplete at 12.00m olfactory evidend al readings abo	ce of contamina ve background i	recorded.			

			Boring F	Progress					Water	Strikes		
MB	Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
3									4.50	10	3.10	
ဂ္ဂ									9.50			
2												
2												
인		Chise	elling		Water	Added	1					
3[From	To	Hours	Tool	From	То	General Ren	narks			•	
Ş								plete at 12.00m				
2									ce of contaminative background re			
ᆀ							Groundwater	encountered at	4.50m bgl as se	epage and at 9.	5m bgl as groui	ndwater.
声							Hole installed	upon completion	n. Response zo	ne 9 to 12m bgl.		

Hole No. **BH103 BOREHOLE LOG** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 **Project** Woodford Aerodrome 1 of 1 Fax: Job No Client Date 24-06-14 70004430 Harrow Estates Plc 26-06-14 Contractor / Driller Method/Plant Used Logged By Co-Ordinates (NGR) Ground Level (m AOD) F 389354 860 Geo Site Surveys Ltd Dando 2000 J Watson 90 330 N 382553.380 Install **SAMPLES & TESTS STRATA** Depth HSV (kN/m2) P.Pen (kN/m2) PID (ppmV) Dia. Elev. Test Depth Description Legend Geology 50 Type (mAOD) (Thick Result mm MADE GROUND: Grass over brown clayey gravelly SAND with occasional sandstone cobbles and occasional metal fragements. Gravel is fine and 0 (1.00) MG 0.40-0.60 ES 89.33 89.13 1.00 coarse of brick, ash, clinker and sandstone. 0 MG MG SPT 1.00 3,13,30 MADE GROUND: Soft brown sandy gravelly CLAY with occasional cobbles. Cravel is fine and medium of brick, ash and clinker. 20 N=50/ 88.73 1.60 0 GDU MADE GROUND: Cobble / Boulder of sandstone. 0.125(S) 1.00-1.20 1.50-1.70 2.00 ES ES SPT 87.83 2.50 1.40 - 1.60 m bgl; Chiselling Firm locally soft greenish brown mottled brown sandy slightly gravelly 1,0,1 0,0,1 70 50 CLAY. Gravel is fine and coarse rounded of various lithologies. (GLACIAL DEPOSITS) N=2(S) SPT 2.00-2.45 D D Firm locally stiff greenish brown mottled brown sandy slightly gravelly 2.75 CLAY. Gravel is fine and coarse rounded of various lithologies. (GLACIAL 3.00-3.45 3.45-3.60 U100 17 blows 40 DEPOSITS) D D <u>----</u> 5.00 SPT 2.3.3 ō GDU E(6.25) 4,5,6 N=18(S) 70 ____ 5.75 D E6.50-6.95 U100 30 blows 70 F6.95 D 86 40 E8.00 SPT 2,2,2 3.5.5 81.58 8.75 0,5,5 N=15(S) SPT Orange brown medium SAND. (GLACIAL DEPOSITS) 8.00-8.45 D GDU 80.83 9.50 2,3,2 3.3.3 9.50 SPT Medium dense reddish brown medium SAND. (GLACIAL DEPOSITS) 9.50-9.95 4 10.00-10.50 11.00 0,0,5 N=11(S) SPT D B SPT 2,2,3 2,3,3 N=11(S) SPT 11.00-11.45 D GDU F(5.95) SPT 4,4,4 3,3,3 g 12.50 PETEMPLATE1.0 12.50-13.00-14.00

		Boring I	Progress					Water	Strikes		
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
								7.50			
	Chis	elling		Water	Added						
From 1.4	To 1.6	Hours 0030 14	Tool 10mm Cross chis	From sel	То	No visual or o No radiologic Groundwater	nplete at 15.45m olfactory evidency al readings abov	e of contaminative background r 7.50m bgl as se		talled upon com	ipletion.
Scale	1:125	Notes: All di	mensions in m	etres. Logs sh	nould be read	in accordance	with the provi	ded Key. Des	criptions are b	ased on visua	l and

Borehole terminated at 15.45m bgl

N=13(S)

SPT

2,2,3 3,4,5 N=15(S) SPT 2,3,4 3,4,6

N=17(S)

SPT

74.88

15.45

12.50-12.95 13.00-13.50

14.00-14.45

15 00-15 45

15.00 GPJ

VERSION.

8

D

SPT

D SPT

D

Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and Scale 1:125 manual identification.

Hole No. **BH104 BOREHOLE LOG** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax: Project Woodford Aerodrome 1 of 1 Job No Client Date 26-06-14 70004430 Harrow Estates Plc 27-06-14 Co-Ordinates (NGR) Contractor / Driller Method/Plant Used Logged By Ground Level (m AOD) E 389716.710 N 382556.790 Geo Site Surveys Ltd Dando 2000 J Watson / S McGeever 90.640

SAI	MPLE	ES & TE	STS									STRAT	Ā				Inst
Depth	Туре	Test Result	PID ()	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)				С	escription			Legend	Geology	Di 5 m
							90.60	-ness) • 0.04/	MAI	DE GROUND:	ASPHALT.					TARMA	
0.40-0.50	ES		0				90.55 90.49		NAN/	DE GROUND:	CONCRETE			/		CONC	
0.60-0.80	ES		"				90.49		IAM//	DE GROUND:	ASPHALT.				Y	CONC	
1.30-1.50	ES		0				89.74 89.34		NAN/	DE GROUND:	CONCRETE	Ξ.		[0	MG GDU	10
1.50	SPT	2,3,5 7,6,8					05.54	E 1.50		DE GROUND:			ey sandy fine	to coarse			
	_	N=26(C)						E		angular GRAV					0		
1.50-1.95 2.00	B SPT	3,4,5						(3.30)		wn fine SAND	•		04415			GDU	X
	· .	5,5,6						Ē` ´		lium dense bro rse subrounde				Gravel is fine to			Ø
2.00-2.45	В	N=21(C)						Ē		POSITS)	a to rounded	or various intr	ologico. (OL)	01/ LE	0		Ø
3.00	SPT	3,3,6					00.04	Ē , , , ,		ŕ							
		5,4,4 N=19(C)					86.04	4.60	Den	se brown SAN	ID and fine to	coarse subar	ngular to round	ded GRAVEL of	0000	ODL	Ħ
3.00-3.45	В	, ,					85.44	5.20		ous lithologies			iguiai to rouri	aca crowell or	.0.0.0	GDU	H
4.00	SPT	7,10,15 17,7,6						(4.00)	Loo	se light brown	fine SAND. (GLACIAL DEI	POSITS)			ODLI	Н
		N=45(C)					04.04	(1.20)								GDU	Н
4.00-4.45 5.00	B SPT	2,2,2					84.24	6.40	Ven	v soft light red	dish brown sli	ahtly sandy sl	ightly gravelly	CLAY. Gravel is			Ħ
.		2,2,4						E I		and medium							
5.00-5.45	В	N=10(S)						(1.80)	DEF	POSITS)					ļ,,-	GDU	Н
6.00	D						00.44	E									Ш
6.50	SPT	1,0,1 0,0,2				\$	82.44	8.20	Med	lium dense br	own silty fine	and medium S	SAND. (GLAC	IAL DEPOSITS)	×		1: [
	_	N=3(S)				₹		E (1.40)			, , , , , , , , , , , , , , , , , , ,		» (OZ)		' . ' .× .	GDU	
6.50-6.95 3.00	B SPT	2,3,3						F							×	ODO	
		3,4,4					81.04	9.60	Firm	n brown slightl	v sandv slight	ly gravelly Cl	ΔΥ Gravel is	fine to coarse	×		1
9.50-9.95	U100	N=14(S) 74 blows						Ē		ular to rounde							
		No						(1.70)								GDU	
10.50	D	recovery					79.34	E 11.30							-0		
11.00	SPT	5,4,3 2,3,3					78.84	11.80	Med	lium dense lig	ht brown silty	fine SAND. (0	SLACIAL DEP	OSITS)	×	GDU	7. [
-		N=11(S)						-	Firm	n brown silty C	LAY. (GLACI	AL DEPOSIT	S)		×××		1 :
12.00	D	CO hlaa						(1.50)							×× -	GDU	1
12.50-12.95 -	0100	63 blows No					77 24	13.30							X_X		ŀĖ
13.00-13.50	В	recovery					77.54	10.00	Stiff	brown slightly	sandy slightl	y gravelly CLA	Y. Gravel is f	ine and medium			1
13.00-13.50 - 14.00								(1.15)		ular to rounde						GDU	LE
14.00	SPT	2,3,3 2,3,2					76.19	14.45		I5 m bgl; Bore							20
-		N=10(S)															
Date		Time		Borii Depth	ng Pr	ogres	ss ng Dpt	Dia. (n	nm)	Water Dpt	Date	Time	Strike	Strikes Minutes	Standing	Ci	asing
													8.60				
Chiselling From To Hours				т.	ool	Fron		Added To	General Rer	marke							
i-TOIII		10		iouis		11	JUI	r10f	11	10	Borehole cor No visual or No radiologic Groundwater	mplete at 14.45r olfactory eviden cal readings about encountered at	ce of contamina ve background : 8.6m bgl as gro	recorded.			
Scal	e 1:12	25		es: Al nual i				etres. Lo	ogs sh	nould be read	n accordance	e with the prov	ided Key. Des	scriptions are base	ed on visu	al and	

		Boring F	Progress					Water	Strikes		
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
								8.60			
	Chis	elling		Water	Added						
From	То	Hours	Tool	From	То	General Ren	narks				
							nplete at 14.45n				
								ce of contamina			
								ve background r			
								8.6m bgl as gro		b . 1	
						Hole installed	upon completion	on. Kesponse zo	one 8.0 to 14.0m	bgı.	
Coole	1:125	Notes: All di	mensions in m	etres. Loas sl	nould be read	in accordance	with the prov	rided Kev. Des	criptions are b	ased on visual	and

Hole No. **BH105 BOREHOLE LOG** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax: Project Woodford Aerodrome 1 of 1 Job No Client Date 09-07-14 70004430 Harrow Estates Plc 10-07-14 Co-Ordinates (NGR) Method/Plant Used Logged By Contractor / Driller Ground Level (m AOD) E 389412.570 N 382235.640 87.020 Geo Site Surveys Ltd Dando 2000 S McGeever

SAI	MPLE	S & TE	STS	_	_			Depth				STRAT	IA				Inst Bac
Depth	Туре	Test Result	(DIM)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)				I	Description			Legend	•	m
							86.71 86.57	0.31		DE GROUND:			ala laure en en e	No. amazo de Unione		GMG GDU	M
									CLA	ı locallly stiff g .Y. (GLACIAL	reyish brown DEPOSITS)	mottled reddis	sn brown sligh	tly gravelly sandy			
1.20-1.65 1.65-1.75	U100 D					\$	84.62	(1.95) 2.40	Firm is fir	locally stiff re	ddish brown	slightly sandy I rounded of va		y CLAY. Gravel es. (GLACIAL	°	GDU	
2.40	SPT	3,3,4 5,4,5 N=18(S)				÷		(1.20)		,	ange fine and	I medium SAN	ID. (GLACIAL	DEPOSITS)		GDU	
2.40-2.85 3.00	B SPT	2,3,2 2,3,4 N=11(S)					83.42 83.02		\ med	lium subangul	ightly sandy ar to rounde	slightly gravelly	y CLAY. Grave nologies. (GLA	el is fine and CIAL	_o	GDU	
3.00-3.45 3.75 4.00-4.45 4.75 5.00	B D U100 D SPT	1,1,2						malmanadı		POSITS) I light brown s	lightly sandy	CLAY. (GLAC	IAL DEPOSIT	S)	× × × × × × × × × × × × × × × × × × ×		
5.00 5.50	D SPT	1,2,3 N=8(S) 1,1,1 1,2,3 N=7(S)						(5.00)							X X X X X X X X X X X X X X X X X X X	GDU	
7.50 8.00	D SPT	1,1,1 2,1,2					78.02	9.00	8.00	m bgl; becom	ning sandy				× × × × × × × × × × × × × × × × × × ×		
9.00	D	N=6(S)				1 <u>1</u>	77.52	-	Ligh	t brown slightl	y silty CLAY	(GLACIAL DE	EPOSITS)		<u> </u>	GDU	
9.50-9.95 9.60-10.00	U100 B					_ 2	76.72	10.30				CIAL DEPOSIT			× ×	GDU	
10.50 11.00	D SPT	1,2,2				Ŧ		(2.30)	FIRM	i light brown v	ery siity CLA	Y. (GLACIAL L	DEPOSITS)		× × ×	GDU	
12.00	D	1,3,2 N=8(S)					74.42	12.60							× ×	320	
12.50 - 12.50-12.95 13.50 14.00	SPT B D	1,2,1 2,2,2 N=7(S)						(1.85)	Loos	se brown fine	and medium	SAND. (GLAC	CIAL DEPOSIT	S)		GDU	
14.00	SPT	1,2,1 1,2,2 N=6(S)					72.57	14.45	Bore	ehole terminat	ed at 14.45m	ı bgl					<u> </u>
-																	
				Borir	ng Pr	ogres							Water	Strikes			
Date		Time	[Depth		Casi	ng Dpt	Dia. (n	nm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Ca	sing
													2.30 10.50	20	9.60		
		Chis	 elling				-	V	Vater	Added							
From		То	_	Hours		Т	ool	Fron		То	No visual or No radiologi Groundwate	mplete at 14.45r olfactory eviden cal readings abo r encountered at	ice of hydrocarbo ive background i t 9.5m bgl.	on contamination obsecorded.		1	
Scal	e 1:12	.5	Not				ns in me	etres. Lo	ogs sh	ould be read i	n accordanc	e with the prov	vided Key. Des	criptions are base	d on visu	al and	

Ϋ́			Poring F	Progress					\Mater	Strikes		
ΞĻ			Donnig r	logicss					vvalei	Suikes	ı	
	Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
3									2.30			
2									10.50	20	9.60	
3												
3												
51		Chise	L elling		Water	Added	1					
\$1	From	То	Hours	Tool	From	То	General Ren	narks				
ŞΓ								plete at 14.45m				
1								olfactory evidence			observed.	
źΙ								al readings abovencountered at		ecoraea.		
								upon completio		ne from 9m to 1	4m bgl.	
٥٢	Caala	4.405	Notes: All dir	mensions in m	etres Logs st	nould be read	in accordance	with the provi	ded Key Desi	criptions are b	ased on visua	l and

Hole No. **BOREHOLE LOG BH106** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 **Project** Woodford Aerodrome 1 of 1 Fax: Job No Client Date 03-07-14 70004430 Harrow Estates Plc 04-07-14 Contractor / Driller Method/Plant Used Logged By Co-Ordinates (NGR) Ground Level (m AOD) F 389677 940 Geo Site Surveys Ltd Dando 2000 J Watson 82.220 N 381326.530 Install **SAMPLES & TESTS STRATA** Depth HSV (kN/m2) P.Pen (kN/m2) PID (ppmV) Dia. Elev. Test Depth Туре Description Legend Geology 50 (mAOD) (Thick Result mm ness) MADE GROUND: ASPHALT 82.02 0.20 81.72 0.50 MADE GROUND: Sandy fine and medium sub angular GRAVEL of ash ES 0.50-0.60 GDU 81.12 1.10 clinker and limestone with pockets soft clay 1.20 SPT Brown silty fine SAND. (GLACIAL DEPOSITS) 1,1,1 1,3,3 40 Soft locally firm low strength light brown sandy slightly gravelly CLAY. Gravel is fine and medium angular to subrounded of various lithologies. N=8(S) GDU (1.90) F1.20-1.65 30 D D 0_ (GLACIAL DEPOSITS) 1.75 2.00 50 2.00 - 2.50 m bgl; soft low strength SPT 1,2,1 0,1,0 N=2(S) GDU 86 2.50 m bgl; firm medium strength Stiff high strength reddish brown slightly sandy slightly gravelly CLAY. GDU E2.00-2.45 D D 78.22 4.00 Gravel is fine and medium angular to rounded of various lithologies. (GLACIAL DEPOSITS) 2.75 3.00 GDU 2,3,3 2,3,2 N=10(S) SPT 4.70 GDU Greyish brown gravelly medium and coarse SAND. Gravel is fine and 0. 56 GDU medium occasionally coarse rounded and subrounded of various ithologies. (GLACIAL DEPOSITS) 76.92 5.30 3.00-3.45 3.05-3.50 4.00-4.45 D Stiff dark brown sandy CLAY. (GLACIAL DEPOSITS) U100 54 blows 4.75 5.00-5.45 Greyish brown medium and coarse SAND and GRAVEL. Gravel is fine to U100 63 blows coarse rounded and subrounded of various lithologies. (GLACIAL DEPOSITS) GDU E(2.70) 5.45-5.50 6.50 SPT Stiff medium strength reddish brown slightly sandy slightly gravelly CLAY. Gravel is fine and medium angular to rounded of various lithologies. N=10(S) 6.50-6.95 D (GLACIAL DEPOSITS) GDU Medium dense brown silty fine SAND. (GLACIAL DEPOSITS) WI SE 3,4,6 10,16,18 N=50/ E8.00 SPT 73.16 Stiff reddish brown slightly sandy slightly gravelly CLAY. Gravel is fine and medium angular to rounded of various lithologies. (GLACIAL DEPOSITS) Very dense reddish brown fine SAND. (WEATHERED WILMSLOW 0.235(S) 8.00-8.39 SANDSTONE FORMATION) D D SPT Borehole refused on competent strata at 9.06m bgl 9.00 25,100 N=100/ 0.04(S) WSPETEMPLATE1.03.GDT VERSION.GPJ WSP BH LOG WOODFORD LOGS - COMBINED -100914 - UP TO DATE

				E L									
		Boring F	Progress			Water Strikes							
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casin	ng	
02-07-14 03-07-14	00.00 00.00	4.00 9.06		150				3.80	20	3.80	3.00)	
	Chis	elling		Water	Added								
From	То	Hours	Tool	From	То	General Ren							
8	9.2	01:00	Cross chisel			Borehole complete at 9.06m bgl. No visual or olfactory evidence of contamination observed. No radiological readings above background recorded. Groundwater encountered at 3.8m bgl as groundwater. Hole installed upon completion. Response zone 6.0 to 9.0m bgl.							
		Notes: All di	moneione in m	otroo Logo ol	ould be read	in accordance	with the prov	ided Key Dee	orintiana ara h	acad on vieus	l and		

Scale 1:125

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ll dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.

WSP		BOREHOLE LOG									
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:	Project	Project Woodford Aerodrome									
Job No 70004430	Client	Harrow Estates Plc		Dat	te 03-07-14 04-07-14						
Contractor / Driller	Method/Plant Used	Logged By	Co-Ordinates (NGR)		Ground Level (m AOD)						
Geo Site Surveys Ltd	Dando 2000	J Watson / S McGeever	E 389383.510		89.350						

1	/IF LE	S & TE	_	_	- I			Donth				STRAT					Ba
Depth	Туре	Test Result	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			D	escription			Legend	Geology	/ 5 m
0.30-0.40 0.50-0.60 1.20	ES ES SPT	1,1,2 2,2,3	0 0				89.25/ 89.06/ 88.85/ 88.05	0.10/ 0.29/ 0.50/ 1.30	MAI MAI sub	rounded GRA	CONCRETE Dark grey an VEL of ash an	with 8mm dia d black sandy d clinker.	fine and med	ium angular to		CONC CONC MG GDU	
2.50	D ES D J100 D SPT	30 blows No recovery 1,1,2 3,3,4 N=12(S)		60 70 62 80			92.75	(4.30)	ang Firn Gra	ular to subang	ular of various ngth reddish b medium angu	s lithologies (Corown slightly)	SLACIAL DEP sandy slightly	gravelly CLAY.		GDU	
3.75 4.00-4.45 5.00 5.00-5.45 5.75 6.50-7.00	D J100 SPT D D B	2,2,3 2,3,4 N=12(S)						(2.50)	Firn	n reddish brow	n locally silty	CLAY (GLACI	AL DEPOSIT	S).	X X X X X X X X X X X X X X X X X X X	GDU	
7.50	J100 D SPT	2,3,3 2,3,2				1 <u>−</u>	79.95	(1.30)	Med	dium dense ora	angish brown	SAND (GLAC	IAL DEPOSIT	S).		GDU	=
10.50 11.00	00-8.45 B D SPT 2,1,2 3,2,3 N=10(S) D 1.00 SPT 3,3,3 3,3,3 3,3,3						Medium dense orangish brown slightly clayey slightly silty SAND (GLACIAL DEPOSITS).							- GDU			
-	D B SPT D	N=12(S) 2,3,3 2,3,4 N=12(S)					76.90	12.45	Bord	ehole terminat	ed at 12.45m	bgl			<u></u>		
Date		Time	1	Bori	$\check{-}$	ogres Casii	ss ng Dpt	Dia. (m	nm)	Water Dpt	Date	Time	Water Strike 8.50	Strikes Minutes	Standing	Са	asin
								1.0	Vator	Added			5.55				
From		To Chis	elling H	Hours		Т	ool	Fron		Added To	No visual or on the No radiologic	nplete at 12.45m olfactory evidence al readings abovencountered at	ce of contaminative background r 8.50m bgl as gr	ecorded. oundwater.			

				_									
		Boring F	Progress			Water Strikes							
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Ca	sing	
								8.50					
	Chis	elling		Wate	er Added								
From	То	Hours	Tool	From	То	General Ren	narks						
						Borehole complete at 12.45m bgl.							
						No visual or olfactory evidence of contamination observed. No radiological readings above background recorded.							
							encountered at						
	Dual installation upon completion to target deep groundwater and ground gas.												

Hole No. **BOREHOLE LOG BH108** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax: Project Woodford Aerodrome 1 of 1 Job No Date Client 07-07-14 70004430 Harrow Estates Plc 08-07-14 Co-Ordinates (NGR) Contractor / Driller Method/Plant Used Logged By Ground Level (m AOD) E 389541.340 N 381810.180 Dando 2000 J Watson / S McGeever 85.250 Geo Site Surveys Ltd

SA	STS						STRATA			Install / Backfill		
Depth	Туре	Test Result	PID (bpmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)	Description	Legend	Geology	Dia. 50 mm
0.20-0.40	ES		0			1	85.15 85.05 84.35	0.10/ 0.20	MADE GROUND: CONCRETE.		TARMAC CONC MG	
1.00-1.20 1.20-1.65	ES U100	13 blows	0			¥	83.85	1.40	\MADE GROUND: Sandy clayey fine to coarse GRAVEL of sandstone, \concrete, brick and limestone with occasional cobbles.	× ×	PEAT	
1.75 2.00	D SPT	1,0,1						(1.90)	Soft reddish brown slightly clayey pseudofibrous PEAT. (SUPERFICIAL DEPOSITS)	× ×	GDU	
2.00-2.45	D	2,2,2 N=7(S)					81.95	3.30	Firm light greyish blue silty CLAY. (GLACIAL DEPOSITS)	X X		
2.00-2.45 2.75 3.00	D SPT	1,1,2 1,3,4 N=10(S)						(1.10)	Medium dense fine to coarse SAND and fine to coarse subangular to rounded GRAVEL. (GLACIAL DEPOSITS)	0000	GDU	
3.00-3.50 3.05-3.45	B D	, ,					80.15		Reddish brown slightly gravelly CLAY. Gravel is fine and medium subrounded. (GLACIAL DEPOSITS)	× × ×	GDU	
4.00	SPT	3,2,3 3,4,4 N=14(S)							Firm light brown silty CLAY with occasional lenses of orange brown fine and medium sand. (GLACIAL DEPOSITS)	× ×		
4.75 5.00-5.45	D U100	36 blows No Recovery				⊉				× ^ × · · · · · · · · · · · · · · · · ·		
5.75 6.50	D SPT	1,1,2 1,2,2						(4.50)		× × × × × × × × × × × × × × × × × × ×	GDU	
6.50-6.95 7.50 8.00	D D SPT	N=7(S) 2,1,1								× × × × × × × × × × × × × × × × × × ×		
		1,1,2 N=5(S)					75.65	9.60	Stiff and very stiff dark brown CLAY with occasional sand bands. (GLACIAL			
8.00-8.45 9.00 9.50	D D SPT	3,3,4 5,3,5							DEPOSITS)			
9.50-9.95 10.50	D D	N=17(S)						(3.90)			GDU	
11.00	SPT	4,4,5 6,16,21 N=48(S)										
11.00-11.45 12.00 12.50	D D SPT	4,5,5					71.75	13.50	Borehole terminated at 13.5m bgl			
12.50-12.95 15.13.00	D D	6,8,9 N=28(S)							Borenole terminated at 10.5m bgi			
> ‡	D											
D- +1600												
?E								<u> </u>			<u></u>	

DATE VERSION.GPJ WSPETEMPLATE1.03.GDT 1-	1.00 1.00-11.45 2.00	D D SPT D D D SPT D D D D D D D D D D D D D D D D D D D	3,3,4 5,3,5 N=17(S) 4,4,5 6,16,21 N=48(S) 4,5,5 6,8,9 N=28(S)				71.75	13.50 1 13.50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ehole terminat	ed at 13.5m b	gl				GDU	
-100914 - UP TO																	
	'			В	Boring F	rogres	ss						Water	Strikes			
MBII	Date		Time	De	pth	Casi	ng Dpt	Dia. (n	nm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Ca	sing
SD FOGS - CC													1.20 6.50				
JOF _	Chiselling							Added	0 15								
08 WSP BH LOG WOODFORD LOGS - COMBINED	From To Hours Tool						ool	Fror	n	То	observed. No encountered a	plete at 13.50m radiological rea at 1.2m bgl as s	dings above ba	or olfactory evide ckground record 6.5m bgl as grou 5m bgl.	ed. Groundwa	ter	
08 WSP	Scale 1:125 Notes: All dimensions in m manual identification.							etres. Lo	ogs sh	ould be read	in accordance	with the provi	ded Key. Des	criptions are b	ased on visu	al and	

Hole No. **BOREHOLE LOG BH109** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax: Project Woodford Aerodrome 1 of 1 Job No Date Client 01-07-14 70004430 Harrow Estates Plc 02-07-14 Logged By Co-Ordinates (NGR) Contractor / Driller Method/Plant Used Ground Level (m AOD) E 389641.120 N 382034.510 Dando 2000 S McGeever 85.820 Geo Site Surveys Ltd

SA	STS						STRATA			Install / Backfill		
Depth	Туре	Test Result	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)	Description	Legend	Geology	Dia. 50 mm
0.20	ES						85.73/ 84.82	0.09/	MADE GROUND: Dark brown mottled black gravelly SAND. Gravel is fine		TS GMG	
E0.80 E1.20 E1.20-1.65	ES ES U100	12 blows 100% Recovery						(1.90)	and medium of ash, coal, slag and clinker (MADE GROUND) Firm to stiff reddish brown mottled light grey slightly sandy gravelly CLAY. (GLACIAL DEPOSITS)		GDU	
1.65-1.70 2.00	D SPT	3,3,3 2,3,3 N=11(S)				1	82.92	2.90	Loose light brown fine SAND. (GLACIAL DEPOSITS)			
2.75 3.00	D SPT	1,0,1 1,2,2 N=6(S)				¥ 1		(2.70)			GDU	
3.75 4.00	D SPT	1,1,2 1,2,2 N=7(S)				¥ ¥ ¥	80.22	Ē	Firm dark brown, slightly sandy, gravelly CLAY. Gravel is fine to coarse		GDU	Н
4.75 5.00-5.45	D U100	29 blows 0%				-	79.52	6.30	sunbrouned to well rounded of various lithologies. (GLACIAL DEPOSITS) Stiff dark brown gravelly CLAY. (GLACIAL DEPOSITS)		GDO	Н
6.00 6.50-6.95	D U100	Recovery 38 blows 70% Recovery						(4.20)			GDU	
7.50 8.50	D SPT	2,2,3 2,3,4 N=12(S)						(4.20)			GDO	
E9.50-9.95 E E 10.50	U100 D	34 blows 70% Recovery					75.32	10.50	Soft to firm light brown CLAY (GLACIAL DEPOSITS)			
10.00 11.00 11.00 11.00 11.00	SPT	2,1,1 2,2,2 N=7(S)						(2.30)	SOLLO IIIII IIGIL BIOWII GEAT (GEAGIAE DEI GOTTO)		GDU	
g 12.50	SPT	2,6,6 9,9,10				2 <u>−</u>	73.02	12.80	Light brown slightly sandy slightly gravelly CLAY. Gravel is coarse of			
13.00-13.50 14.00	B SPT	N=34(S) 3,2,1					71.82	(1.20) 14.00	various lithologies. (GLACIAL DEPOSITS) Borehole terminated at 14m bgl		GDU	
914 - UP TO DATE VERSION GPU WSPELLEY	SPT	3,2,1 3,3,3 N=10(C)							Borehole terminated at 14m bgl			
- 100												

3DT	11.00	D SPT D	2,1,1 2,2,2 N=7(S)			2 <u>₩</u>	72.03	(2.30)	Soft	to firm light b	rown CLAY (G	SLACIAL DEP	OSITS)			GDU	
LATE1.03	12.50 13.00-13.50	SPT	2,6,6 9,9,10 N=34(S)			<u>*</u>		(1.20)			ly sandy slight (GLACIAL D		AY. Gravel is o	coarse of		GDU	
-100914 - UP T	13.00-13.50 	SPT	3,2,1 3,3,3 N=10(C)				71.02		Bore	ehole terminat	ed at 14m bgl						
INED					<u> </u>	rogres							Water				
OMB	Date		Time	Dept	h	Casir	ng Dpt	Dia. (n	nm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Ca	sing
RD LOGS - C													5.20 12.80	20 20	3.80 6.10		
언				elling						Added	0						
08 WSP BH LOG WOODFORD LOGS - COMBINED	From To Hours Tool							Fron		То	No visual or o No radiologica Groundwater Hole installed Response zo	nplete at 14.00m olfactory evidence al readings above encountered at upon completione 8.00 to 14.00 pe 8.00 to 14.00	ce of contaminative background re 5.2m bgl and 12 on.	ecorded. .80m bgl as gro			
08 WSF	Scale 1:125 Notes: All dimensions in metres. I manual identification.								gs sh	nould be read	in accordance	with the provi	ided Key. Desc	criptions are b	ased on visu	al and	

Hole No. **BH110 BOREHOLE LOG** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax: Project Woodford Aerodrome 1 of 1 Job No Client Date 30-06-14 70004430 Harrow Estates Plc 01-07-14 Co-Ordinates (NGR) Method/Plant Used Logged By Contractor / Driller Ground Level (m AOD) E 389691.170 N 382286.990 87.330 Geo Site Surveys Ltd Dando 2000 S McGeever

34	IVIPLE	ES & TE		_				Depth				STRAT	^				Inst
Depth	Туре	Test Result	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	'			D	escription			Legend	Geology	Di 5 m
0.20	ES						86.98			ss over brown PSOIL)	slightly claye	, sightly grave	elly, fine to me	edium SAND	7117. 711	TS	V
- 1.20 -	SPT	1,2,2 3,3,4 N=12(S)						(2.65)	Med	lium dense lig rounded and r	ht brown grav ounded of var	elly fine SANE ious Ithologies). Gravel is fin s. (GLACIAL D	e and medium DEPOSITS)		GDU	\$25°C
1.20-1.65 2.00 -	B SPT	3,3,3 2,3,4					84.33	3.00									
2.00-2.45 3.00	B SPT	N=12(S) 2,3,2 2,3,3						(1.10) 4.10			<i>3, 3, 0</i>	elly CLAY. (GI		,		GDU	222
3.10 3.75 4.00-4.45 4.75	ES D U100 D	N=10(S)						(2.10)	Ligh	t brown slight	ly sandy, silty,	CLAY (GLAC	IAL DEPOSII	S)		GDU	
5.00	SPT	1,0,1 0,2,2 N=5(S)					81.13	6.20	Stiff	dark brown si	lightly silty CL	AY. (GLACIAL	DEPOSITS)		× ×		
5.00-5.45 6.50-6.95	B U100	0%				1									× × ×		
7.50 - 8.00	D SPT	2,3,3 3,4,5 N=15(S)						(4.20)							× × ×	GDU	
9.00 9.50	D U100	N=15(S) 95%													× × ×		
9.95-10.00	D							10.40 10.70	0			L DEPOSITS			<u>×</u> <u>×</u>	GDU	
11.00	SPT	3,5,5 6,8,9 N=28(S)				<u></u>			coai			elllow gravelly, nded of various					
12.00 12.50	D SPT	2,3,3 5,3,4						(3.30)								GDU	
- 13.50 - 14.00	D	N=15(S)					73.33	14.00									
14.00 14.00 - -	SPT D	3,2,3 4,4,5 N=16(C)							Bore	ehole terminat	ed at 14m bg						
-																	
				Borir	ng Pr	ogres	s	<u> </u>					Water	Strikes			
Date		Time	С	Depth		Casir	ng Dpt	Dia. (n	nm)	Water Dpt	Date	Time	Strike 11.50	Minutes 10	Standing 7.50	Ca	sing
		Chis	elling					V	Vater	Added							
From		То		Hours		To	ool	Fror		То	No visual or on the No radiologic Groundwater	nplete at 14.00m olfactory evidence al readings abovencountered at upon completion	ce of contaminative background r 11.50m bgl as g	ecorded.		•	

		Boring F	Progress					Water	Strikes		
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
								11.50	10	7.50	
	Chise	elling		Water	Added						
From	То	Hours	Tool	From	То	General Ren	narks				
							nplete at 14.00m				
								ce of contaminat			
								ve background r			
								11.50m bgl as g	groundwater.		
							l upon completions 14.00 to 14.00				
Scale	1:125	Notes: All di		etres. Logs sh	nould be read				criptions are b	ased on visual	and

Hole No. **BOREHOLE LOG BH111** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax: Project Woodford Aerodrome 1 of 1 Job No Client Date 11-07-14 70004430 Harrow Estates Plc 11-07-14 Co-Ordinates (NGR) Logged By Contractor / Driller Method/Plant Used Ground Level (m AOD) E 390050.210 N 382505.270 Geo Site Surveys Ltd Dando 2000 S McGeever 87.330

<u> </u>												
SA	MPLE	S & TE	STS						STRATA			Install / Backfill
Depth	Туре	Test Result	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)	Description	Legend	Geology	Dia. 50 mm
							87.18/		TOPSOIL: Brown clayey SAND with rootlets.	111.11	TS	
E								(1.15)	Stiff light brownish grey CLAY.		GDU	
1.00-1.45	U100						86.03	1.30	Lance Politikassas Can OANID			
1.45-1.55	D								Loose light brown fine SAND.			
2.00	SPT	1,2,2 2,1,1										
E 00 0 45	_	N=6(S)										
2.00-2.45 3.00	B SPT	1,2,1										
	-	1,1,1										
3.00-3.45	В	N=4(S)						(5.80)			GDU	
4.00	SPT	1,1,1				١,		Ē` ´				
F		1,2,2				¥						
4.45-5.00	В	N=6(S)				=						
_5.00	SPT	1,2,2						Ē				
Ē		1,2,2 N=7(S)										
6.50	SPT	1,1,2						=				
Ē		1,2,3 N=8(S)					80.23	7.10	Chiff raddish brown alightly grouply alightly condy CLAV with accessional silty			
7.50	D	14-0(3)				1	79.43	7.90	Stiff reddish brown slightly gravelly slightly sandy CLAY with occasional silty pockets.		GDU	
E8.00	SPT	(C)				Ţ	13.43	- 7.90	Light brown fine SAND.			
E		(S)							Light brown into or trab.			
8.50-9.00	В											
ŧ												
9.50	SPT	1,2,2 1,2,3						Ē				
Ē		1,2,3 N=8(S)						(4.10)			GDU	<u>'</u> : '
10.50-11.00	В	14-0(3)						Ē	10.50 - 11.50 m bgl; band of gravel.			
<u>t</u> =		240						ı.lı	10.50 - 11.50 m bgi, band of graver.			
11.00	SPT	3,4,2 2,1,2										l: ¹ ⊟: ¹ l
E	_	N=7(S)					75.33	12.00				
11.50-12.00 12.00	B SPT	232							Borehole terminated at 12m bgl			
3 F	0	2,3,2 1,3,3						Ē				
iĒ		N=9(S)						Ė				
\$ E												
E												
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5 Ē												
if .								-				
				<u> </u>	<u> </u>			<u> </u>				
				Bori	ng Pr	ogres	ss		Water Strikes			

10.50-11.00	В						E	10.5	50 - 11.50 m b	gl; band of gra	avel.					I∵E
10.50-11.00 11.00	SPT	3,4,2 2,1,2				== 00	Ē									
11.50-12.00	В	N=7(S)				75.33	12.00		ahole terminat	ted at 12m bgl						1
71.50-12.00 12.00 - - -	SPT	2,3,2 1,3,3 N=9(S)						Book	and terminal	ied at 12111 ogi						
				Boring	Progres	SS						Water	Strikes			
Date		Time	С	epth	Casi	ng Dpt	Dia. (n	nm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Ca	asin
												8.00	20	5.20		
		Chis	elling				V	Vater	Added							
From		То	F	lours	Т	ool	Fron	n	То	No visual or o No radiologica Groundwater Hole installed	narks hiplete at 12.00m hiplete at 12.00m hipletcory evidence al readings above hipletce encountered at hippon completice he 9 - 12 m bgl.	ce of contaminative background r 9.50m bgl as gr	ecorded.			
Scal	e 1:12	25			limension tification		etres. Lo	ogs sh	nould be read	in accordance	with the provi	ded Key. Des	criptions are b	pased on visu	al and	

Hole No. **BOREHOLE LOG BH112** Sheet 150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax: Project Woodford Aerodrome 1 of 1 Job No Date Client 11-07-14 70004430 Harrow Estates Plc 14-07-14 Co-Ordinates (NGR) Logged By Contractor / Driller Method/Plant Used Ground Level (m AOD) E 389932.030 N 382102.010 Dando 2000 S McGeever 85.060 Geo Site Surveys Ltd

SA	MPLE	S & TE	STS									STRAT	A				Inst
Depth	Туре	Test Result	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)				C	escription			Legend	Geology	Di 5 m
							84.76	-ness) = 0.30		wn sandy CLA					11/2. \(\frac{1}{2}\)	TS	
_ 1.00-1.45	U100						00.50	(1.20)	med	light brown od lium, subround	ccasionaly gre ded and round	ey slightly grav ded. (GLACIAI	ely CLAY. Gra _ DEPOSITS)	avel is fine and		GDU	240
1.45-1.50	D						83.56	1.50		se fine light br	own SAND (C	SLACIAL DEP	OSITS)				
2.00	SPT	1,1,2 1,2,1						Ē									
2.50-3.00	В	N=6(S)						Ē									CARCARCAR
3.00	SPT	1,1,1 2,2,1 N=6(S)						(4.80)								GDU	250
4.00	SPT	1,1,1 1,2,2						[
4.50-5.00	В	N=6(S)						E									
5.00	SPT	1,2,1															
5.30	D	N=6(S)					78.76	6.30	Firm			, with occasio	nal pockets of	brown medium	0		ı
6.50-6.95	U100							E	san	d. (GLACIAL Î	DEPOSITS)						
7.50	D							(3.00)								GDU	
8.00	SPT	2,3,4 4,5,5 N=18(S)						Ē									
		14-10(3)				1	75.76	9.30		oo boooming r	modium dono	e light brownis	h rad fina CAN	ND (CLACIAL			-
9.50	SPT	1,2,2 1,1,1				=		E		POSITS)	nedium dens	e light browns	irred line SAI	ND (GLACIAL			
9.50-9.95	В	N=5(S)						(2.70)								GDU	
11.00	SPT	2,3,3 3,4,4						Ē									
12.00	SPT	N=14(S) 3,3,5					73.06	12.00		ehole terminat	ed at 12m bo	<u> </u>					
Date From		N=17(S)			Do			ահուսաժուսամուսապեսաահուսահուսահուսա					Water	Chritan			
Date		Time		Borii Depth	ng Pr	ogres	ng Dpt	Dia. (r	nm)	Water Dpt	Date	Time	Water Strike	Strikes Minutes	Standing	C	asing
				_ opui		Ju31	- 3 - Pr	ار .س. را	,	аю. Брі	Date	11110	9.50	auco	Canding		
From		Chis To	elling	Hours	$\overline{}$	Т	ool	Fron		Added To	General Rer	 narks					
		·									Borehole cor No visual or No radiologic Groundwater Hole installed Response 20	nplete at 12.00m olfactory evidend al readings above encountered at d upon completions	ce of contamina ve background r 9.50m bgl as gi on.	recorded. roundwater.			
Sca	le 1:12	25		es: Al nual id				etres. Lo	ogs sh	nould be read	in accordance	with the prov	ded Key. Des	criptions are bas	ed on visu	ual and	

E				E								
		Boring F	Progress					Water	Strikes			
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Ca	sing
								9.50				
	Chis	elling	•	Wate	r Added	1						
From	То	Hours	Tool	From	То	General Ren	narks					
							nplete at 12.00m					
						No visual or o	olfactory evidend	ce of contaminal	tion observed.			
							al readings above encountered at					
							l upon completic		ouriuwater.			
						Response zo	ne 7 to 12m bgl.					

			WS	P							TRIAL F	PIT LO	G		Hole No	ST1		
		150-182 M5 phone:	0 3SP	•	100		Proje	ect			Woodford	Aerodrome	е		Sheet	1 of	1	
	Job No	7000	044	30			Clien	nt			Harrow E	states Plc			Date	21-08- 21-08-		
Ī	Contract Elect	or / Dr		wes		Met	hod/F		nt Use		Logged By David [Duncan	E	ates (NGR) 389429.000 382446.000	Gro	ound Level	(m AO	D)
Ī	SAM	PLES	& TE	ESTS	3							STR	ATA					Install /
	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Ele ^o	ev. OD)	Depth (Thick -ness)			Desc	ription			Legend	Geology	
									- 0.15 - - -(0.45)	MADE G 0.15 - 0.3	ROUND: Concrete ROUND: Orangish 30 m bgl Suspectee	brown sandy (MG MG	-
E	0.80-1.00 - 1.00-1.10 1.10-1.80	ES ES ES	1 1 0							MADE G 0.90 - 1.1	ROUND: Greyish I I0 m bgl Pitch-like d clay. Very mild t	e substance an		al encountered	l in the		MG	
	1.90-2.10	ES	0						1.90 2.10	MADE G	ROUND: Red Grav	velly SAND (Pi	pe bed)				MG	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100014 - UP TO DATE VERSION GPJ WSPETEMPLATE1.03.GDT 11/12/14	-										Shoring/Support:			Water S	Strikes			
SD LOGS									_	3.00m	Snoring/Support:	Date	Time	Strike	Minutes	Standing	Ren	narks
OG STANDARD WOODFOF	D		— 8 A A	•		>	B 2	2	Orientati	2.00m ion grees from	Stability:	Contractors er	usly dug by Ele acountered con	ctricity Northwest	related to a div	version of an H	IV cable.	
VSP TP L	90	ale 1:3	7 5		Note	es: Al	II dime	ensi	ı	north	gs should be read	PID Reading a		= 0.8ppm	riptions are b	ased on visu	al and	
8	50	aie 1:3	ı .5				dentifi							.,				

			WS	SP						TRIAL F	PIT LO	G		Hole No.	TP10)1	
	Te	150-182 M5 lephone:	0 3SP		400	-	Project			Woodford	Aerodrome	e		Sheet	1 of	1	
	Job No	700		30			Client	ınt Use	d	Harrow E	states Plc	Co-Ordina	ates (NGR)	Date	30-06- 30-06- und Level	14)D)
		C Plan		e Lto		WICE		CB 3C		J Wa	atson	E	389484.050 382850.130		91.2	`	,,,
	SAI	//PLES	& TI	ESTS	3						STR	ATA					Install / Backfill
	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD	Depth (Thick -ness)			Desc	ription			Legend	Geology	,
	- 0.20-0.30 - -	ES	0				91.19	(0.52)	MADE G GRAVEL	ROUND: ASPHAI ROUND: Brown sa with frequent cobl	andy cobbly fine	e and coarse ne.	subangular and	d subbrounded		MG MG	
	_ _0.60-0.70 _	ES	0				90.67	T	MADE G	ROUND: Brown cl	ayey silty slight	ly gravelly fin	e SAND. Grave	el is fine	XX	MG	
	0.80-0.90 0.90-1.00 - - -		0	89 97			00.00	(0.70)	Stiff redd and med	or brick and carbon ish brown mottled ium angular to roui	grey slightly sa	ndy slightly g	ravelly CLAY. GLACIAL DEP	Gravel is fine OSITS)		GDU	
	1.40-1.60 -	В					89.87 89.67	-(0.20)		brown clayey fine	SAND (GLACIA	AL DEPOSIT	S).			GDU	
	1.60-1.80	D		63		1	89.47	-(0.20)	Stiff high Gravel is DESPOS	strength reddish b	rown mottled g angular to round	rey slightly sa ded of various	andy slightly grass lithologies. (C	avelly CLAY. GLACIAL		GDU	
TE VERSION.GPJ WSPETEMPLATE1.03.GDT 11/12/14	- - - - - - - - -					<u> </u>	88.37	(1.10)	J	complete at 2.9m b		(GLACIAL D	EPOSITS)			GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1	D		- 3 A				B 1	Width 1 Orientat	.00m	Shoring/Support: None Stability: Stable	No radiologica	ete at 2.90m bo factory evidence I readings abovencountered as	ce of contamination of	Minutes on observed.	Standing		marks epage
08 WSP	5	Scale 1:	25		Note	es: A nual i	II dimens dentifica	sions in tion.	metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	riptions are ba	sed on visu	ual and	

			V	NS	P						TRIAL F	PIT LO	G		Hole No.	TP10	02	
			50-182 M50 hone: 0	3SP	-	100	I	Projec	t		Woodford	Aerodrome	e		Sheet	1 of	1	
				ax.														
	Job I		7000)443	30			Client			Harrow E	states Plc			Date	30-06- 30-06-		
	Cont	racto	r / Dri	iller			Meth	nod/Pl	ant Us	ed	Logged By		Co-Ordina	ates (NGR)	Grou	ınd Level	(m AC	D)
	Н	1 & C	Plant	t Hire	e Ltd			•	ICB 3C	×	J Wa	atson	E N	389556.560 382881.710		92.2	220	
	S	SAMP		_	_	_			Dept	h		STR	ATA					Install / Backfill
	De	pth	Туре	OIIA (ppmV	HSV (KN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOI	(Thick			Desc	ription			Legend	Geology	,
	-							92.1 92.0	-	MADE G	ROUND: ASPHAL ROUND: Brown sa of limestone.		e to coarse su	ıbangular to sub	brounded		MG MG	
	0.20-0	0.40	ES	0				91.8	-(0.20)	MADE G	ROUND: Reddish	brown fine to co	oarse GRAVI	EL and COBBLI	ES of whole		MG	
	-							91.7	7 0.4	MADE G	ROUND: Yellow m						MG	
	0.50-0		ES	0				91.6	5 0.5	7 MADE G clinker.	ROUND: Dark gre	y and black sar	ndy fine and r	nedium GRAVE	L of ash and		MG	
	0.60-0	0.80	ES	0	28			91.4	(0.23)	MADE G	ROUND: Soft low ium of brick.	strength brown	sandy slightl	y gravelly CLAY	. Gravel is fine		MG	
	0.80-1	1.00	D						Ţ		strength dark brow	n very sandy C	LAY with roo	t matter. (RELIC	T TOPSOIL)	711/2 711/		
	-				31			91.1	2 1.1	0						71 12 71 13	SUPD	
	-				54				-	Firm loca	ally soft greenish go d medium of variu	rey medium stre s lithologies. (G	ength sandy s	slightly gravelly (POSITS)	CLAY. Gravel			
	-								+									
	_				50				[
	1.60-1	1 70	D						-							0		
	-	1.70							+									
4					59											-0		
1/12/1	_								(1.65)		oming stiff high str	renath clav					GDU	
03.GDT 11/12/14	-				94				+	2.00 Bec	orning sun night su	engur day.						
	2.20-2	2.40	D						į							0		
ATE1	-				111				-									
EMPL	-								+							-0		
SPET	-							00.4		_								
PJ W	-							89.4	7 2.7		complete at 2.75m	bgl						2405
ON.G	=								-									
/ERSI	_								ļ.									
ATE \	_								+									
TOD	_								+									
- UP	_																	
00914	-								-									
ED-1	_								+									
MBIN	-								Ţ									
00											T							
LOGS									Length		Shoring/Support:	Date	Time	Water S Strike	trikes Minutes	Standing	Rei	marks
ORD,				— 3						3.00m	None	Date	1.1110	Sunc		- can run ry	1,401	
OODF		-		— з А			-		Width									
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1	D							B 1		1.00m	Stability:	-						
NDA								Ţ	0 :			General Rem		-1				
G STA				С					Orienta		Stable		factory evidend	gl. ce of contaminatio /e background red				
TP LO(de	grees from north		Groundwater r Hole backfilled	not encountered	d.	oraca.			
VSP 1		Sca	ale 1:2	25						metres. Lo	gs should be read				iptions are bas	sed on visu	ual and	
8		500		-		mar	iual id	dentific	ation.									

	 - \	NS	P						TRIAL F	PIT LO	G				TP10)3	
	50-182 M50 ohone: 0	3SP	•	00	F	roject			Woodford	Aerodrom	e		She	eet	1 of	1	
ob No	7000		30		С	Client			Harrow E	states Plc			Da	te	30-06- 30-06-	14 14	
ontracto	or / Dr	iller		Т	Meth	od/Pla	nt Use	<u> </u>	Logged By		Co-Ordina	ites (NGR)		Grou	nd Level		DD)
H & C	: Plan	t Hire	e Ltd			JC	CB 3CX	(J Wa	atson		389614.850 382875.890			90.7		
SAMF	PLES	& TE	STS							STF	RATA						Ins
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)				Des	cription				Legend	Geology	
						90.66	-ness) 0.09		ROUND: ASPHAL		CONCRETE wi	th 9mm rebar			P 7 4 5	MG	25
30-0.40	ES	170				90.50	- (0.30)		ROUND: Brown sa drocarbon odour.	andy cobbly fin	e to coarse GF	RAVEL of sand	dstone w	ith a		MG	202
60-0.70	ES	6				90.20	, ,	PROBAB odour.	LE MADE GROU	ND: Red brow	n fine SAND w	ith a slight hyd	Irocarbor	า		MG	M 0 0 0
30-0.90	ES	0	97			90.00		Stiff light	grey mottled orang	ge brown high gular of various	strength sandy	/ slightly grave	lly CLAY	with			N. O. C.
00-1.20	D		90				(0.55)									GDU	
30-1.50 30-1.50	D ES		44			89.45	1.30		lium strength dark					,	0	GDU	
60-1.80	D		50			89.25		Firm redd	ravel is fine angul lish brown mediun lar ooccasionally r	n strength sligh	ntly sandy sligh	itly gravelly Cl	LAY. Gra	avel is		GDO	A CACA
00-1.00			51				-	(GLACÏAI	L DEPOSITS)								K2525
			62				(1.10)									GDU	
							-										
50-2.60	D		88			88.15	2.60	2.40 Stiff	high strength clay								
							-	Trial pit co	omplete at 2.6m b	gl							
							-										
							-										
							-										
							-										
							_			T							
							Length 3	00m	Shoring/Support: None	Date	Time	Water S Strike	Strikes Minute	es	Standing	Re	mai
4		— 3 A			→	T	Width		HONE								
D					E	3 1	1.	00m	Stability:	General Ren	narke						
		С				<u>*</u>	Orientation degree	on ees from	Stable	Trial pit comp observed bet	lete at 2.6m bgl. ween 0.25 to 0.7 oundwater not er	5m bgl. No radio	ological re	adings a	bove back		

			NS	SP						TRIAL F	PIT LO	G		Hole No.	TP10)4	
	Tel	150-182 M5 ephone:	0 3SP		100		Project			Woodford	Aerodrome	e		Sheet	1 of	1	
	Job No	700	044	30		•	Client			Harrow E	states Plc			Date	30-06- 30-06-		
	Contrac H &	tor / Di C Plan		e Ltd		Meth	nod/Pla	ont Use		Logged By	eston	E	ates (NGR) 389715.840 382882.290	Gro	und Level 91.6		DD)
	SAN	1PLES	& TE	ESTS	3						STR	ATA					Install / Backfill
	Depth	Туре	PID (ppmV)	HSV (KN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD	Depth (Thick -ness)	n		Desc	ription			Legend	Geology	
							91.59	0.10	' 	ROUND: ASPHAL		I	ODA)	F1		GMG	
	-						91.49		MADE G	ROUND: Light bro		lar medium to	coarse GRAV	EL	$\rightarrow \times \times$	GMG GMG	
	-0.35-0.50 -0.60-0.70 -0.70-0.80 	ES D	0				91.36	(1.47)	3	ROUND: Firm bro		ntly gravelly C	ELAY. Gravel is	fine of brick.		GMG	
_ATE1.03.GDT 11/12/14		D					89.89 89.20	- -(0.60) -	MADE G	ROUND: Stiff brov			clay with many	mottets and		GMG	
-EMPI	2.40-2.55						89.14	2.55	rare wire	rope						GMG	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1	2.70-2.80 - - - - 3.20-3.30	D	0				88.29	(0.85)	DEPOSI			ckets of brow	n fine sand. (G	LACIAL		GDU	
OGS - COMBINED -100914 - Ui	-							- - - - Length	Trial pit t	erminated at 3.4m Shoring/Support:			Water S				
)RD L								3	3.00m	None	Date	Time	Strike	Minutes	Standing	Rer	marks
DARD WOODFO,	D		— 3 A				B 1 ↓	Width 1	I.00m	Stability:	General Rema	arks					
TP LOG STAN			С	;			*		ion rees from north	Stable	Trial pit comple observed. No r	ete at 3.40m bo radiological rea	l. No visual or olfa dings above back upon completion.				_
08 WS	S	Scale 1:	25				l dimens dentifica		metres. Lo	gs should be read	in accordance v	with the provi	ded Key. Descr	iptions are ba	sed on visu	ual and	

			NS	P						TRIAL F	PIT LO	G		Hole No	TP1	05	
		50-182 M5 hone:	0 3SP	-	100		Project			Woodford	Aerodrome	e		Sheet	1 of	1	
Jol	o No	7000	0443	30			Client			Harrow E	states Plc			Date	30-06- 30-06-		
	ntracto			e Ltd		Met	hod/Pla J0	nt Use CB 3C		Logged By J Wa	atson	E	ates (NGR) 389726.240 382847.460)	ound Leve 91.		D)
	SAMF	PLES	& TE	STS	<u></u>						STR	ATA					Install /
ı	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	ription			Legend	Geology	
							91.24	0.10		ROUND: ASPHAI		e to coarse a	ngular to suba	ngular		TARMAC	
0.20	0-0.30	ES					91.14		GRAVEL	of limestone. ROUND: Dark gre					-	MG	
Ī							90.88	(0.26) 0.46	clinker.	ROUND: Dark gre	y and black sar	idy fine and n	nedium GRAV	EL of ash and		MG	
-	0-0.60	ES		43			90.00	-	MADE G	ROUND: Firm medium (dium strength d of brick ash clin	lark brown sa Iker vesicular	ndy slightly gr slag	avelly CLAY.			
	0-0.90	D		55				- - - - - - - -					MG				
WSPETEMPLATE1.03.GDT 11/12/14	0-2.60	D		53				- - - - - -	1.80 Wire	e rope							
N.GP.	0 2 00			46			88.44	2.90	Firm dor	c brown conducti	NV with root mo	ttor (DOSSID	LE DELICE T	ODEOIL)			
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION GPJ WSPETEMPLATE1	0-3.00	ES					88.34 88.24	3.00	Firm redovarious li	c brown sandy CLA dish brown sandy s thologies. (GLACIA complete at 3.1m b	slightly gravelly AL DEPOSITS)	CLAY. Grave			3. S.	GDU	
- S5(Length	ı	Shoring/Support:			Water	Strikes			
VOODFORD LC	 		— 3 A			>	· T	3 Width	.00m	None	Date	Time	Strike	Minutes	Standing	Rer	marks
ARD C							↑ B 1	1	.00m	Stability:	-						
SP TP LOG STAND,			С		Not	ae: A	II dimans	1	ees from north	Stable	observed. No encountered. I	ete at 3.1m bgl. radiological rea Hole backfilled u	dings above ba upon completior		ed. Groundwa	ater not	
80	Sca	ale 1:2	25				dentificat		menes. Lo	gs should be read	iii accordance	with the provi	ueu ney. Des	orphoris are b	aseu UII VISI	uai ai10	

				VS	P						TRIAL F	PIT LO	G		Hole No	TP10	06	
		150 Teleph	0-182 ⁻ M50 one: 0	3SP	-	00		Projec	t		Woodford	Aerodrom	e		Sheet	1 of	1	
	Job N		'000)443	30			Client			Harrow E	states Plc			Date	01-07- 01-07-		
	Contra H	actor & C F			e Ltd		Met		ant Us JCB 30		Logged By	atson	E	ates (NGR) 389699.550 382740.990	Gro	ound Level		D)
	SA	AMPL	ES	& TE	STS							STR	ATA					Install /
	Dep	th	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOI	Dep (Thick			Desc	cription			Legend	Geology	
	_							90.4		9 MADE G	ROUND: ASPHAL					2 4 4	TARMAC	
	-							90.3		3	ROUND: Light gre		m and coarse	subangular Gl	RAVEL.	7 4 A	CONC	
	- - -								(0.50	MADE G broken a	ROUND: reddish bind whole brick.						MG	
	0.60-0.	70	ES	0			1											
	- 0.80-0. - - -	90	ES	0	30 64		<u>_</u>	89.7	(0.50	MADE G and med	ROUND: Soft low ium of brick and co	strength dark g bbbles of sands	rey sandy gra stone.	avelly CLAY. Gi	ravel is fine		MG	
1/12/14	- - 1.50-1.1 - 1.60-1. - - -		ES D		50 70 41			00.2	- - - - - - -	MADE G gravelly (ROUND: Firm med CLAY. Gravel is fin	dium strength de and medium	lark greyish b angular to ro	orown slightly sa unded of variou	andy slightly us lithologies.		CMG	
WSPETEMPLATE1.03.GDT 11/12/14	- - - 2.50-2.	60	D		50 75			87.8 87.7			k brown amorphou	s clavev PEAT	. (PROBABL	E RELICT TOP	PSOIL)		SUPD	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1	- - - - - - - - -							87.6	2.9	Firm medium	dium strength brow angular to rounded complete at 2.9m b	n slightly sandy of various litho	y slightly grav	elly CLAY. Gra	vel is fine and		GDU	
- S90									Length		Shoring/Support:	Data	T:	Water S		Otendina	Dec	
AD WOODFORD L	D			— 3 <u>A</u>				 B 1	Width	3.00m 1.00m	None Stability:	Date	Time	Strike 0.80	Minutes	Standing	_	marks epage
TP LOG STANDA	C C							<u> </u>	Orienta	ation grees from north	Stable	observed. No	ete at 2.9m bgl radiological rea	. No visual or olfa adings above bac e backfilled upon	kground record			
08 WSP		Scal	e 1:2	5				II dimer dentific		n metres. Lo	gs should be read	in accordance	with the provi	ided Key. Desc	riptions are ba	ased on visu	ual and	

			WS	SP						TRIAL F	PIT LO	G		Hole No.	TP10	07	
	Тє	150-182 M5 lephone:	0 3SP	, ,	100	F	Project			Woodford	Aerodrome	е		Sheet	1 of	1	
	Job No	700 etor / Di		30			Client nod/Pla	nt Use	d	Harrow E	states Plc		ates (NGR)	Date	01-07- 01-07- und Level	14	DD)
	Н&	C Plar	t Hir	e Lto	ı		J	CB 3C	×	J Wa	atson		389783.660 382741.560		91.	180	
	SAI	/PLES	& TI	_	_						STR	ATA		,		ı	Install / Backfill
	Depth	Туре	DIP (Vmdd)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	-ness)				ription			Legend	Geology	
	0.10-0.20	ES	0				91.11	-(0.23)	MADE G	ROUND: ASPHAL ROUND: Orange to of sandstone.		e to coarse a	ngular to subai	ngular		TARMAC MG	
	0.30-0.50 -	ES	150				90.68	-(0.20)	with a str	ROUND: Black sar ong hydrocarbon c	odour.	Ü	r GRAVEL of a	sh and clinker		MG	
	- 0.60-0.70 - - 0.90-1.00		0	90			96.69	-	MADE G	ROUND: Stiff high cobbles. Gravel is	strength brown	n slightly sand					
1/12/14	 - - - - -	-1.00 D 70 50 <u>88</u>														MG	
.03.GDT 11/12/14	-							(0.24)	Dark bro	wn slightly clayey S	SAND with occa	asional roots (RELICT TOPS	SOIL)	1/ 3/1/	SUPD	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1.	- 2.30-2.50 - 2.40-2.50 	88.88 : 88.88 : 60 B B B B B B B B B B B B B B B B B B						- - -(1.20) - -		complete at 3.5m b		DEPOSITS)				GDU	
- COMBINED - 1008	-																
DLOGS								Length 3	.00m	Shoring/Support:	Date	Time	Water S Strike	Strikes Minutes	Standing	Rer	marks
DARD WOODFORD	D			→	∓ B 1	Width	.00m	None Stability:	General Rem	arke							
TP LOG STAN	С						*		ees from	Stable	Trial pit comple observed. at 0.	ete at 3.5m bgl. .3m to 0.5m bg	 No radiological 	nce of hydrocarbo readings above ackfilled upon co	background	ation recorded	I.
08 WSP	;	Scale 1:	25				l dimens lentifica		metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	riptions are bas	sed on visu	ual and	

	V		P						TRIAL F	PIT LO	G		Hol	e No.	TP1	08	
	50-182 M50 hone: (3SP	-	-00		Project			Woodford	Aerodrom	e		She	eet	1 of	1	
Job No	7000)443	30			Client			Harrow E	states Plc			Da		29-07- 29-07-	-14 -14	
Contracto	r / Dri	iller			Met	hod/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)		Grour	nd Leve	l (m AC)D)
\	NSP	UK				5	Spade		J Wa	atson		389829.460 382703.790			89.		·
SAMP	LES	& TE	STS	3						STR	ATA						Install a
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	cription				Legend	Geology	
0.10-0.20	ES	0				89.53	-(0.20)	fine and r	ROUND: Brown sl medium subrounde	ed to subangula	ar of ash and	clinker with occ	asional	wire.		MG	
0.30-0.40	ES	0				89.43	0.30	rounded	ROUND: Dark gre GRAVEL of ash ar	nd clinker.					$\nearrow \nearrow$	MG	
-						89.23	-(0.20) 0.50	Gravel is	ROUND: Dark gre fine and medium :	subangular to s	subrounded G	RAVEL of ash	and clinl	ker.		MG	
-						89.13	0.60		wn slightly clayey f omplete at 0.6m b		m SAND. (GL	ACIAL DEPOS	ITS)			GDU	
D Sca																	
3		<u> </u>					Length		Shoring/Support:			Water S	Strikes				
		- 0.3 A	3 —		>		Width	1.30m	None	Date	Time	Strike	Minute	es	Standing	Rei	marks
D	D B 0						0).30m	Stability:	Conoral Da	norks						
С						.		rees from	Stable	evidence of co	y hand to 0.6m l ontamination ob	ogl due to proxim served. No radio ncountered. Hole	ogical rea	idings at	ove back	ground	ry
Sca	Scale 1:25 Notes: All manual id							metres. Log	gs should be read	in accordance	with the provi	ded Key. Desc	riptions a	are base	ed on visi	ual and	

				NS	P							TRIAL F	PIT LO	G		Hole No	TP10)9	
			0-182 M50 none: 0	3SP	-	100		Proj	ect			Woodford	Aerodrome	e		Sheet	1 of	1	
	Job I		7000 r / Dr		30			Clie hod/		nt Use	d	Harrow E	states Plc		ates (NGR)		02-07- 02-07- ound Level	14	DD)
	Н	1 & C	Plan	t Hire	e Ltd				JC	B 3C	<	S We	eston		389769.450 382647.450		90.8	360	
	S	SAMP	LES	& TE	STS	3							STR	ATA					Install / Backfill
	De	pth	Туре	PID ppmV)	HSV (N/m2)	P.Pen (kN/m2)	Water	EI (mA	ev. AOD)	Depth (Thick			Desc	ription			Legend	Geology	
	0.00-0	0.20	ES		=	, = =		9	0.66	-ness) -(0.20) 0.20		andy SILT with roof					1/ 1//	TS	
	- - - -									- - -(0.60) -	Firm brov	wn clayey SILT. (G	SLACIAL DEPO	SITS)			× × × × × × × × × × × × × × × × × × ×	GDU	
	0.90								9.46	- -(0.60) -		t brown mottled gre					× ×	GDU	
J WSPETEMPLATE1.03.GDT 11/12/14									8.06	- - - -(1.40) - - - 2.80	Firm redomedium	dish brown mottled and coarse of grey	light grey, friab	ole, gravelly, C CIAL DEPOS	CLAY. Gravel	is subangular		GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1	- - - - - - -									-	Trial Pit t	erminated at 2.8m	bgl						
LOGS -										Length	00m	Shoring/Support:	Date	Time	Water Strike	Strikes Minutes	Standing	Rer	marks
JARD WOODFORD L	D D	←		— 3 A			-	В	1	Width	.00m	None Stability:			Эшке	iviinutes	Standing	Ker	HALKS
TP LOG STAND				С					*		on ees from north	Stable	observed. No	ete at 2.8m bgl. radiological rea		actory evidence ckground recorde i.			
08 WSP		Sca	ale 1:2	25			es: Al ual i				metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	criptions are ba	ased on visu	ıal and	

			NS	P						TRIAL F	PIT LO	G		Hole		21 ²	10	
	1	50-182					Project							Shee	et			
	Telep	ohone:	0 3SP 0161 8 ax:	886 24	00		,			Woodford	Aerodrome	е			1	of	1	
	Job No	700	0443	30		(Client			Harrow E	states Plc			Date	02	-07- -07-	14 14	
	Contracto	or / Dr	iller			Meth	hod/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)		Ground L	evel	(m AC	DD)
	H & C	Plan	t Hire	e Ltd			J	CB 3C	<	S We	eston		389787.180 382632.080			90.7	700	
	SAMF	PLES		_				Depth	I		STR	ATA						Install / Backfill
	Depth	Туре	Old (bpmV)	HSV (kN/m2	P.Pen (kN/m2)	Water	Elev. (mAOD				Desc	cription			Le	egend	Geology	,
	- - -						90.40	(0.30)	MADE G	ROUND: Grass o	ver brown sligh	tly sandy SIL	T (TOPSOIL)				CMG	
	-							-(0.20)	MADE G	ROUND: Brown cl	ayey SILT						CMG	
	0.60	ES					90.20	-(0.20)	MADE G brick	ROUND: Light bro	wn slightly silty	sandy angula	ar fine to coars	e GRAVEL	_ of	\times	GMG	
	-						90.00	0.70	Firm brov	vn mottled grey CL	AY (GLACIAL	DEPOSITS)			<u> </u>			
	0.80 0.90	ES D						(0.40)							-		GDU	
	-						89.60	1.10	Firm light	t brown mottled lig	ht arev silty CL	AY with occas	sional grev silts	stone nartir	nas ×			
	_							_	(GLACIA	L DEPOSITS)	in grey only OL	VI WILL OCCU	sional grey sile	storic partii		× —		
	1.30	D						-							<u>×</u> _	× ×		
	1.50	В						(0.90)							<u>-</u>	<u>×</u> ×	GDU	
	-							_							<u>×</u>	X		
4	_														<u></u>	× -		
1/12/1	_						88.70	2.00	Firm brov	vn friable CLAY (G	SLACIAL DEPO	OSITS)				<u>×</u>		
.03.GDT 11/12/14	2.10	D							1 11111 5101	WIT III GOD TO TO		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			E			
	-							_							_			
IPLAT	-							(0.80)									GDU	
PETEN	-							-							<u></u>			
J WS	-						87.90	2.80							=			
ON.GP	-							_	Borehole	terminated at 2.8r	n bgl							
/ERSI	-																	
DATE \	_							_										
P TO [-																	
314 - U	-							_										
0-1008	-							[
IBINE	_							-										
- CON											1							
LOGS								Length	.00m	Shoring/Support:	Date	Time	Water Strike	Strikes Minutes	Star	nding	Rei	marks
FORD	—		— 3			-			.00111	None								
WOOD			Α				T	Width										
ARD	D						B 1	1	.00m	Stability:								
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE 1	C						<u> </u>		on ees from north	Stable	observed. No	ete at 2.8m bgl. radiological rea	. No visual or olf dings above bac upon completion	kground rec				
3 WSP TF	Scale 1:25 Note						Il dimens		metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	criptions are	e based o	n visı	ual and	
ಠ∣																		

		 		P						TRIAL F	PIT LO	G		Hole N	No. TP1	11	
		150-182 M5 phone:	0 3SP		100		Project			Woodford	Aerodrome	e		Sheet	1 of	1	
	Job No	7000)44	30			Client			Harrow E	states Plc			Date	29-07- 29-07-		
	Contracto	or / Dr WSP				Met	hod/Pla	nt Use Spade	d	Logged By	atson	E	ates (NGR) 389617.040 382661.820	G	round Leve		DD)
	SAMI	PLES	& TE	ESTS	 3						STR	ATA					Install / Backfill
	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	ription			Legend	Geology	Buokiiii
	0.10-0.20	ES	0				00.40	_(0.35)	common	ROUND: Grass ov roots. Gravel is fin al plastic.	ver firm brown v ne and medium	ery sandy slig rounded of va	ghtly gravelly C arious lithologie	LAY with es with		MG	
	0.40-0.50 -	ES	0				90.48	(0.25)	MADE G GRAVEL	ROUND: Light bro of limestone.		ey sandy fine	and medium a	ngular		MG	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1.03.GDT 11/12/14										Shoring/Support:			Water S				
VOODFORD LC	 -	0.3 ————————————————————————————————————					· ·	0 Width	1.30m	None	Date	Time	Strike	Minutes	Standing	Rer	marks
LOG STANDARD \	D	_					B 0.3	Orientati degr	ion rees from	Stability:	evidence of co	hand to 0.6m l Intamination ob	bgl due to proxim served. No radio ncountered. Hole	logical readir	gs above back	ground	у
08 WSP TF	So	cale 1:2	25				II dimens dentificat	sions in		gs should be read	in accordance	with the provi	ded Key. Desc	riptions are	based on visi	ual and	

			۰V		P						TRIAL F	PIT LO	G		Hole No.	TP1	12	
	Т	150 elepho	-182 ⁻ M50 one: 0	3SP	-	00		Project			Woodford	Aerodrome	е		Sheet	1 of	1	
	Job No		000	443	30			Client			Harrow E	states Plc			Date	30-07- 30-07-		
	Contra	ctor			e Ltd		Met	thod/Pla	nt Use		Logged By	atson	E	ates (NGR) 389383.000 382566.210	Grou	nd Level	`	DD)
	SA	MPL	ES 6	& TE	STS	<u> </u>						STR	ATA					Install /
	Depti	n	Гуре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	ription			Legend	Geology	Dackiii
								90.40			ROUND: ASPHA	LT.					TARMAC	
	0.10-0.2 - -	0	ES	0				90.13	(0.27)	Light grey	y brown CONCRE	TE.					CONC	
	0.40-0.6 - -	0	ES	0				90.08	(0.25)	MADE G	ROUND: Black sa ROUND: Light gre						MG	
	- 0.80-0.9 -0.80-0.9 - 1.00-1.2 - -	0	B ES D	0	60			89.78	0.70	MADE G MADE G	ROUND: Black sa ROUND: Soft loca ravel is fine to coa	Illy firm medium	strength dar	k brown sandy:	slightly gravelly		MG MG	
12/14	- 1.60-1.7 1.70-1.9 -		ES B	0	30		<u>‡</u>	88.93 88.83		MADE G angular d	ROUND: Soft brov of brick coal ceram ROUND: Very soft	ics and vesicula	ar slag.				MG MG	
1.03.GDT 11/12/14	- 2.20-2.4 -	0	D		26			88.33	2.20	Soft dark	brown organic CL	AY with abunda	ant plant mat	er (RELICT TC	PSOIL)		TS	
TO DATE VERSION GPJ WSPETEMPLATE	- 2.50-2.7 - - - - - -	0	D		26 20 32			88.13	(0.90)	Soft low s	strength brown slig		ntly gravelly C	ilay. (Glaciai	DEPOSITS)		GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION GPJ WSPETEMPLATE1	D			- 2.2 A	2		•	B 0.6	Width Orientati degi	2.20m 0.60m	Shoring/Support: None Stability:	Date General Rem. Trial pit comple observed. No	ete at 3.3m bgl radiological rea	Water S Strike 1.60 No visual or olfadings above back 1.6m bgl. Hole b	Minutes ctory evidence of ground recorded	. Groundwa	See	marks epage
08 WSP TP	Scale 1:25 No ma							II dimens	sions in	north metres. Lo	gs should be read	in accordance	with the provi	ded Key. Descr	iptions are bas	ed on visi	ual and	

	 	NS /SP	P						TRIAL F	PIT LO	G		Hole N	10. TP	113	
	50-182 M5 ohone:	The Q 0 3SP	•	100		Project			Woodford	Aerodrom	e		Sheet	1 c	f 1	
Job No	7000	0443	30			Client			Harrow E	states Plc			Date	01-0 01-0	7-14 7-14	
Contracto	or / Dr	iller			Met	hod/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)	G	round Lev	rel (m A0	OD)
H & C	Plan	t Hire	e Ltd			JC	CB 3CX	K	J Wa	atson		389396.860 382499.570		9	0.150	
SAMF	PLES	& TE	STS	<u></u>						STR	ATA					Install Backfil
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)				cription				nd Geolog	
0.12-0.20	ES					90.03	0.12		ROUND: CONCR		vally SAND w	ith some grave	l of ach clin	kor V	CONC	
0.12-0.20	E9						(0.38)		sional slate and br		velly SAIND w	iiii some grave	i di asti ciiti	Kei 💮	MG	
0.50-0.60	ES		76			89.65	0.50	MADE GI	ROUND: Firm loc	ally soft mediu	m strength red	ddish brown sa	ndy gravelly	, <u> </u>		
-	58 D						(0.50)								MG	
1.00	D		26			89.15	1.00	PROBAB sandy slig lithologies	LE MADE GROUI ghtly gravelly CLA s.	ND: Very soft lo	ow strength gr ne and mediur	rey and brown s	sandy to ver arious	У		
1.50-1.60	ES		40				-(1.60)								MG	
2.00	D		23				- - - - -									
_						87.55 87.45		Brown sli	ghtly clayey SANI	D with occasion	nal roots (POS	SIBLE RELIC	T TOPSOIL) \(\frac{1}{2}\frac{1}{2}\)	SUPD	
D Sc	87.55 87.45						-									
			<u> </u>	1		1	Length		Shoring/Support:			Water S	Strikes			
							Width	.00m	None	Date	Time	Strike	Minutes	Standir	g Re	emarks
D	C						Orientati degr		Stability: Hole unstable 1.0m to 2.7m bgl	observed. No	lete at 2.7m bgl. radiological rea	No visual or olfa dings above bac upon completion.	kground reco			
Sc				II dimens dentificat		metres. Loç	gs should be read	in accordance	with the provi	ded Key. Desc	riptions are	based on v	isual and			

ı	 		P						TRIAL F	PIT LO	G		Hole	e No.	TP1′	14	
	150-182 M5 phone:	0 3SP	,	00	F	Project			Woodford	Aerodrom	e		She	et	1 of	1	
Job No	7000		30		C	Client			Harrow E	states Plc			Dat		02-07- 02-07-		
Contracto	or / Dr	iller		N	/leth	od/Pla	nt Use	d	Logged By			ates (NGR)		Grour	nd Level	(m AC)D)
H & C	Plan	t Hire	e Ltd			J	CB 3C>	<	S McG	Geever		389351.075 382577.499					
SAMF	PLES	_	_	_			L 5 "	ı		STF	RATA						Insta Back
Depth	Туре	PID ()	HSV kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD				Desc	cription				Legend	Geology	,
							(0.25)	MADE G	ROUND: Dark bro	wn clayey SAN	ND with rootle	ts. (TOPSOIL)				GMG	
0.20	ES				_		(0.60)	MADE GF and vario	ROUND: Light bro us lithologies.	wn slightly gra	velly SAND. (Gravel is of glas	ss, brick, a	ash		GMG	
0.90	ES		150				(0.55)		ROUND: Very stiff			• •	,	AY.		CMG	
1.50	D				-		(0.30)		brown CLAY with					sandy		SUPD	
- 2.00	D		65 34				(1.30)	CLAY. Gr DEPOSIT	avel is fine and m							GDU	
			80		-		3.00		gl; high strength omplete at 3.0m b	gl.							
							- - - - -										
	1			<u> </u>			Length		Shoring/Support:			Water			<u>'</u>		
D		– 2.7 A	7 —		→	∓ 3 1.4 <u>↓</u>	Width	.40m	None Stability:	Date General Rem Trial Pit comp	lete at 3.0m bg	Strike Strike	Minute:		Standing	Re	mark
							r	ees from north	Stable gs should be read	No radiologica Groundwater Hole backfille	al readings abou not encountered d upon complet	ve background re d. ion.	ecorded.				

				VS	P						TRIAL F	PIT LO	G		Hole No.	TP1	15	
		15 Teleph	0-182 M50 none: (3SP	-	00	1	Projec	t		Woodford	Aerodrome	е		Sheet	1 of	1	
	Job I		7000 · / Dri		30			Client	ant Use	ed	Harrow E	states Plc	Co-Ordina	ates (NGR)	Date	01-07- 01-07- nd Level	14	DD)
	Н	1 & C	Plant	t Hire	e Ltd				ICB 3C	X	J Wa	atson		389370.230 382606.760		90.7	710	
	S	SAMP	LES	& TE	STS	3						STR	ATA					Install / Backfill
	De	pth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOI	Depti (Thick -ness)	ו		Desc	ription			Legend	Geology	
	_							90.5		2	ROUND: ASPHAL						TARMAC	
	-							90.4	5 0.26		ROUND: CONCR	ETE with 8mm	diameter reb	oar		244	CONC	
	-							90.3	6 0.35		ROUND: Brown sa					XX	MG	
	-0.35-0	0.50	ES					90.2	1 0.50		ROUND: Dark gregolinker.	yish brown and	black sandy	fine and mediu	m GRAVEL of	XX	MG	
	0.50-0 0.60-0	50-0.60 ES 60-0.80 B							- (1.00)	MADE G	ROUND: Brown S, ndstone, occasiona			AVEL with some	COBBLES of		MG	
	- - -	68						89.2	1 1.50		dium strength redd	ish brown slight	tly sandy CL	AY. (GLACIAL	DEPOSITS)		· ·	
FEMPLATE1.03.GDT 11/12/14	- 1.80 - - - - -	68 ES						88.1	(1.10)								GDU	
WSPE	-							87.9	-(0.20)	Brown si	Ity fine SAND. (GL	ACIAL DEPOS	SITS)			××	GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION GPJ WSPETEMPLATE1	- - - - - - - -								- - - - - - -		erminated at 2.8m	bgl						
- S9C									Length		Shoring/Support:			Water S	trikes			
D WOODFORD LC	+	3 A						T	Width	3.00m	None	Date	Time	Strike	Minutes	Standing	Ren	marks
P LOG STANDAR	C							B 1	Orienta		Stability: Stable	observed. No	ete at 2.8m bgl. radiological rea	No visual or olfa dings above back upon completion.				
08 WSP Ti		Sca	le 1:2	:5				l dimer dentifica		metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desci	iptions are bas	ed on visu	ual and	

		 	NS	P						TRIAL F	PIT LO	G		Hole No.	TP1	16	
	1:	W 50-182	SP	uavs			Project							Sheet			
		M5 hone:	0 3SP	•	00		TOJCCE			Woodford	Aerodrome	Э			1 of	1	
	Job No	7000)443	30		(Client			Harrow E	states Plc			Date	03-07- 03-07-	14	
	0 1 1 -	- / D-				N 4 - 41-	I/DI -	-411	-1	Lawred Dv		Co Ordina	otoo (NCD)				,D)
	Contractor H & C			e Ltd		wetr	nod/Pla J0	OB 3C		Logged By	Geever	E	ates (NGR) 389290.000 382664.440		nd Level		(טוי)
	SAMF	PLES	& TE	STS	3						STR	ATA		l e			Install / Backfill
	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)	1		Desc	ription			Legend	Geology	
	- - -						90.71	0.07 - - -(0.43)	MADE G predomir	ROUND: ASPHAL ROUND: Light ora nantly sandstone.		ndy fien to co	arse GRAVEL	. of		TARMAC GMG	
	- - 0.70 - - -	ES		70 86			90.28	(0.70)	Stiff, med is fine to	dium to high streng coarse angular to	well rounded of	various lithol	ogies (GLACI	ÁL DEPOSITS).		GDU	
/14	- - - - - -	D		70				- -(0.80) -	and med	wnish mottled light ium subangular to TS).	grey slightly sa well rounded of	andy slightly g f various litho	ravelly CLAY. logies (GLACI	Gravel is fine AL		GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION GPJ WSPETEMPLATE1.03.GDT 11/12/14							88.78	2.00		complete at 2m bgl							
- SS								Length		Shoring/Support:			Water	Strikes			
있								2	2.80m	None	Date	Time	Strike	Minutes	Standing	Rer	marks
VOODFOF	 		– 2.8 A	3 —		>		Width		·							
2	D						 B 1.2	1	.20m	Stability:	1						
P TP LOG STANDA			С				<u>*</u>		rees from north	Stable	No radiological Groundwater r Hole backfilled	ete at 2.0m bgl factory evidenc I readings abov not encountered upon completi	e of contaminati e background re I. on.	corded.			
08 WS	Sc	ale 1:2	25				dimens lentificat		metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	riptions are bas	ed on visı	ual and	

		V		P						TRIAL F	PIT LO	G		Hole N	TP1	17	
	15	50-182	SP The Q	uays		-	Project							Sheet			
	Telep	hone: (0 3SP 0161 8 ax:	386 24	100					Woodford	Aerodrom	е			1 of	1	
	Job No	7000)443	30			Client			Harrow E	states Plc			Date	08-07- 08-07-	-14 -14	
	Contracto	r / Dri	iller			Metl	nod/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)	G	round Leve	l (m AO	D)
	H & C	Plant	t Hire	e Ltd			J	CB 3C	X	S We	eston	E N	389439.570 382429.610)	88.3	300	
	SAMP		_	_	_			Depth	ı		STR	ATA					Install / Backfill
	Depth	Туре	Old (ppmV	HSV (KN/m2)	P.Pen (kN/m2	Water	Elev. (mAOD	(Thick			Desc	ription			Legend	Geology	,
	-						88.25 88.15	0.05		ROUND: ASPHAL		lor fine to one	uraa limaatana	arovol	-\\\\	TARMAC GMG	
	- 0.20 - 0.30 	ES ES					86.80	[1.35]	POSSIBI Gravel is	LE MADE GROUN angular coarse of	D: Firm brown	slightly grave				СМС	
	_						86.80	1.50		vn CLAY (GLACIA	L DEPOSITS)				<u>XXX</u>		
03.GDT 11/12/14	- - - -														*	GDU	
ATE1.	-						85.90	2.40		un aliabtly gravally	CLAV Craval	io aubraundo	d modium and	Locarco	X_X - X-		
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1.03.GDT 11/12/14	- - - - - - -	85.90 -((85.70 -						-(0.20) 2.60	(GLACIA	wn slightly gravelly L DEPOSITS) terminated at 2.6r		is subrounder	a medium and	coarse		GDU	
RD LOGS - COMBINED -1	3							Length	3.00m	Shoring/Support:	Date	Time	Water Strike	Strikes Minutes	Standing	Rer	marks
JDFO	-					-) A (: -!!!)		-							
NDARD WOC	D		<u>A</u>				B 1 ±	Width 1	.00m	Stability:	General Rem						
TP LOG STA			С						rees from north	Stable	observed. No	radiological rea	No visual or olf dings above bad upon completion	ckground reco			
08 WSF	Sca	ale 1:2	25				l dimen: dentifica		metres. Lo	gs should be read	in accordance	with the provi	ded Key. Des	criptions are	based on visi	ual and	

		NS /SP	SP						TRIAL F	PIT LO	G		Hole No.	TP1	18	
	150-182 M5 ephone:	The C		00	Р	roject			Woodford	Aerodrom	e		Sheet	1 of	1	
Job No	7000	044	30		С	lient			Harrow E	states Plc			Date	02-07- 02-07-	14 14	
Contract	tor / Dr	iller		N	/letho	od/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)	Grou	nd Level	(m AC)D)
H & 0	C Plan	t Hir	e Ltd			JC	B 3CX	(S McC	Geever		389693.660 382584.990		90.8	380	
SAM	IPLES	& TE	ESTS	<u> </u>						STR	ATA					Install /
Depth	Туре	PID ppmV)	HSV (kN/m2)	P.Pen kN/m2)	Water	Elev. (mAOD)				Desc	cription			Legend	Geology	
0.00-0.20	ES						-ness) -(0.20)	MADE GI	ROUND: Brown co	obbly gravelly S	SAND. Gravel	is fine to coarse	of shale and		GMG	
-						90.68		MADE G	ROUND: Black as slithologies.	hy sandy fine to	o coarse angu	ılar to subrounde	d GRAVEL			
-						90.38	(0.30) 0.50								GMG	
F						90.28			ROUND: Reddish antly brick.	brown sandy g	ravelly subro	unded COBBLES	of		GMG	
-							(0.50)		ROUND: Orangish atly concrete.	n brown SAND	with frequent	cobbles and bou	lders of		GMG	
1.20-1.30	ES					89.78	1.10 - -(0.40)	CLAY. G	strength reddish larvel is fine and m	brown mottled edium subrour	light grey sligl nded to well ro	ntly sandy, slightl ounded of various	y gravelly lithologies		GDU	
1.40	D		112 118				_` ´	(02.10							GDU	
2.00-2.10	В		120			89.38 88.28	(1.10)	Pinkish li rounded (ght brown gravelly of various lithologi	SAND. Grave es. (GLACIAL	l is fine and m DEPOSITS)	edium subangul	ar to well		GDU	
							- - - - - - - - -	Trial pit c	omplete at 2.6m b	gl.						
<u> </u>			1				Length		Shoring/Support:			Water Str	ikes			
	4 — 4 A						Width	00m 20m	None Stability:	Date	Time	Strike	Minutes	Standing	Rei	marks
		С			B	<u> </u>		on ees from orth	Stable	No visual or o No radiologica Groundwater	ete at 2.6m bgl. Ifactory evidend		observed. rded.			

Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.

Scale 1:25

		VS	P						TRIAL F	PIT LO	G				TP1 [′]	19	
	hone: (3SP	•	400		Project			Woodford	Aerodrome	e		She	eet	1 of	1	
Job No	7000)443	30			Client			Harrow E	states Plc			Da	(03-07- 03-07-		
Contracto					Met	hod/Pla			Logged By			ates (NGR) 389744.100		Groun	d Level		D)
H & C						J(CB 3CX		S McG	Geever		382555.140			90.2	270	Install
SAMF	Type	I	ı —	1	Water	Elev. (mAOD)	Depth			STR	cription				Legend	Geology	Install Backfi
0.20	ES	0	7 3	<u> </u>	<i>S</i>		-ness) (0.30)	Gravel is	ROUND: Reddish fine to coarse ver	brown slightly o	clayey slightly inded of vario	cobbly gravell us lithologies.	y SAND. (TOPSO	IL)		GMG	
0.50		0				89.97	-(0.40)		ROUND: Greyish I one.	brown relict sur	facing recove	red as boulder	ry cobbly	gravel		GMG	
1.50	ES	0				89.57	- - - -(1.20) - -		brown medium SA	ND. (GLACIAL	DEPOSITS)					GDU	
UP TO DATE VERSION GFJ WSPETEMPLATET 03.GDT 11/12/14	В					88.37	(1.10)	Reddish rounded	brown SAND and of various of litholo	ogies (GLACIAI	vel is fine to α L DEPOSITS	parse subroun	ded to ve			GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED - 100914 - UP TO DATE VERSION GPJ WSPETEMPLATE (.03.5D)		- 3.5 A	5		>	B 1.5 ★	Width 1 Orientati	.50m	Shoring/Support: None Stability:	No visual or ol Possible forme	lete at 3.0m bgl lfactory evidenc er surface relate	Water : Strike	Minute on observe ompass sv	ed.	Standing suntered a		marks
di d	Scale 1:25 Notes: All of manual ide								gs should be read	Groundwater r	not encountered	d. Hole backfilled	upon com	-	d on visı	ual and	

			WS	SP							TRIAL F	PIT LO	G		Hole No	TP12	20	
	Te	150-18	50 3SF	, ,	400	F	Projec	ct			Woodford	Aerodrome	e		Sheet	1 of	1	
	Job No		0044 Priller	30			Client		t Used	d	Harrow E	states Plc	Co-Ordina	ates (NGR)	Date	07-07- 07-07- ound Level	14)D)
	Н&	C Pla	nt Hir	e Lto	t			JCI	в зсх	(S We	eston	E N	389836.660 382585.530		89.0	070	
Ī	SAN	/PLES	_	_					D			STR	ATA					Install / Backfill
	Depth	Тур	PID	HSV	P.Pen (kN/m2)	Water	Elev (mAO)(D	Depth Thick			Desc	ription			Legend	Geology	
	0.10	ES					88.	-	ness) (0.30) 0.30	TOPSOII	.: Brown slighty sa	ndy CLAY with	rootlets.			1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	TS	
	0.40	ES					88.	Ţ	(0.20) 0.50	Brown si	ty fine SAND. (GL	ACIAL DEPOS	ITS)			×	GDU	
	- -							Ţ	(0.20)	Firm orai	ngish brown sandy	CLAY. (GLACI	IAL DEPOSIT	S)		<u> </u>	GDU	
	- - - - - 1.20	D					88.:	-	(1.00)	Firm redo	dish brown mottled	grey slightly sa	andy CLAY. (GLACIAL DEF	POSITS)		GDU	
	-1.20 - - - 1.70-2.50	ES					87.:	37	1.70	Orange b	prown silty fine SAI	ND. (GLACIAL	DEPOSITS)					
SPJ WSPETEMPLATE1.03.GDT 11/12/14	- - - - - - - - -	1.70-2.50 B							(1.20)	2.20 m b	gl; damp						GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED - 100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1	- - - - - - - -							-	-	Trial Pit t	erminated at 2.9m	bgl						M V 15M
FOGS-								L	ength	00m	Shoring/Support:	Date	Time	Water Strike	Strikes Minutes	Standing	Rer	marks
ARD WOODFORD	⊢ D		— 3 			→	Т В 1	-	Vidth	.00m	None Stability:	-						
TP LOG STAND/		;			<u> </u>			on ees from orth	Stable	observed. No	ete at 2.9m bgl. radiological rea	No visual or olfa dings above bac upon completion	kground record					
08 WSP	8	Scale 1				dime lentific			metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	riptions are b	ased on visu	ial and		

			NS	P							TRIAL F	PIT LO	G		Hole No	TP12	21	
		50-182 M5 hone:	0 3SP	-	100		Proje	ct			Woodford	Aerodrome	e		Sheet	1 of	1	
	b No	700(30			Clien		nt Use	d	Harrow E	states Plc	Co-Ordina	ates (NGR)	Date	07-07- 07-07- ound Level	14)D)
	H & C			e Ltd					:B 3C)			eston	E	389452.550 382355.330		87.		,,,
	SAMP			_						I		STR	ATA		<u> </u>			Install / Backfill
	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev (mAC	/.)D)	Depth (Thick -ness)			Desc	cription			Legend	Geology	,
0.2	0	ES					86.	85	(0.30)		ROUND: Grass ov			D with rootlets	(TOPSOIL)		GMG	
0.6	0	ES					86.	40	(0.45) - 0.75								GMG	
1.0		D ES					- - - -	MADE G	ROUND: Firm gre	y, mottled brow	n CLAY, with	sandy pocket	S					
1.5	0	D					- _(1.45) - -								GMG			
1.03.GDT 11/12/14							84. 84.	95 93/	- - 2.20 2.22	00.09.09	rsandy CLAY (GL/ y CLAY (GLACIAL		T)				GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED - 100914 - UP TO DATE VERSION GPJ WSPETEMPLATE1	2.50 D								- - - _(1.08) - - -	Timi gies	Y OLAT (GLACIAL	BEI GGII)					GDU	
COMBINED - 100914 - UP TO DAT							83.	85	3.30	Trial Pit t	terminated at 3.3m	bgl				<u></u>		
- S907									Length	00m	Shoring/Support:	Date	Time	Water Strike	Strikes Minutes	Standing	Rei	marks
RD WOODFORD	A A						 T B 1	-	Nidth	.00m	None Stability:	2010	71110	Suno		Standing	TXG	
TP LOG STANDA	C						<u>↓</u>	_		on ees from north	Stable	observed. No	ete at 3.30m bg radiological rea	II. No visual or o dings above bac upon completion	kground record			
08 WSP	Scale 1:25 Not ma						II dime			metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	criptions are b	ased on visu	ual and	

		V		P						TRIAL F	PIT LO	G		Hole No	TP12	22	
		50-182 M50 hone: 0	0 3SP		00	ı	Project			Woodford	Aerodrome	e		Sheet	1 of	1	
	Job No	7000)443	30		(Client			Harrow E	states Plc			Date	29-07- 29-07-		
	Contracto	r / Dri	iller			Meth	nod/Pla	nt Use	ed	Logged By		Co-Ordina	ates (NGR)	Gro	ound Leve	(m AO	D)
	١	WSP	UK				;	Spade		J Wa	atson		389417.940 382294.510		87.	540	
	SAMP	LES	& TE	STS	3						STR	ATA					Install / Backfill
	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)	1		Desc	cription			Legend	Geology	
	0.10-0.20	ES	0				87.04	(0.50)	fine to coa	ROUND: Grass ov arse of limestone,	er brown slight ash, clinker an	ly clayey sligh d brick.	ntly gravelly SA	AND. Gravel is	· X	MG	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1.03.GDT 11/12/14									Trial pit c	omplete at 0.5m b	gl						
S90								Length		Shoring/Support:	Data	Time	Water		Ctondine	D.	marks
JARD WOODFORD L	D D	0.3 A				∓ B 0.3	Width).30m).30m	None Stability:	Date	Time	Strike	Minutes	Standing	Rer	marks	
P TP LOG STANE	С					*	ı	rees from north	Stable	evidence of co observed. Gro	/ hand to 0.5m ontamination ob oundwater not e	bgl due to proxir served. No radio ncountered. Hol	ological readings e backfilled upo	s above backon completion.	ground	у	
08 WS	Sca	ale 1:2	25				l dimens dentifica		metres. Log	gs should be read	in accordance	with the provi	ded Key. Desc	criptions are b	ased on visi	ual and	

			NS	P						TRIAL F	PIT LO	G		Hole No	TP12	23	
		150-182 M5 phone:	0 3SP	-	400		Projec	t		Woodford	Aerodrome	e		Sheet	1 of	1	
	Job No Contract	7000 or / Dr		30			Client	ant Use	ed	Harrow E	states Plc	Co-Ordina	ates (NGR)	Date	07-07- 07-07- ound Level	14)D)
	Н&О	C Plan	t Hire	e Lto	i		J	CB 3C	X	S We	eston		389440.640 381553.760		88.7	720	
	SAM	PLES	_					1			STR	ATA		<u> </u>			Install / Backfill
	Depth	Туре	PID (bpmV)	HSV KN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOE	Depth (Thick			Desc	ription			Legend	Geology	,
	-						88.5	-ness) -(0.20) 2 0.20		ROUND: Grass ov		silty fine SAN	D with rootlets	(TOPSOIL)		GMG	
	 0.30-0.50 - - -	ES						- -(0.60) -			ny mio or unb					GMG	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1.03.GDT 11/12/14	- 0.80-1.20 - 0.80-1.20 						86.4	(1.50)	Orange t	erminated at 2.3m		O (GLACIAL I	DEPOSITS)		X X X X X X X X X X	GDU	
SOOTC								Length	3.00m	Shoring/Support:	Date	Time	Water Strike	Strikes Minutes	Standing	Rer	marks
SP TP LOG STANDARD WOODFORE	D		— 3 A		Note		B 1	Width Orientat deg	ion rees from	Stability: Stable	contamination Groundwater r	ete at 2.3m bgl. observed. No r not encountered	No visual or olfa adiological readi I. Hole backfilled	ngs above bacl upon completion	kground recor on.		
98 W	S	cale 1:2	25				dentifica		metres. Lo	gs should be read	iii accordance	with the provi	uea key. Desc	aiptions are b	ased on visi	iai and	

				VS	P							TRIAL F	PIT LO	G		Hole No	TP12	24	
	Te		M50	he Qi 3SP 161 8	-	00		Proje	ect			Woodford	Aerodrome	е		Sheet	1 of	1	
	Job No	70		443	30			Clier					states Plc			Date	07-07- 07-07-	14	
	Contrac H &	ctor / C P			e Ltd		Met	nod/		nt Use CB 3C		Logged By	eston	E	ates (NGR) 389479.730 381526.140)	ound Level 87.6		D)
	SAI	MPLI	S 8	k TE	STS	3							STR	ATA					Install /
	Depth	T	/pe	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Ele (mA	ev. OD)	Depth (Thick			Desc	ription			Legend	Geology	
	-							87	7.43	-ness) -(0.20) 0.20		er brown very silty					1/ 1/2 1/1/ 1/ 1/2 1/2	TS	
	- 0.20-0.40 - -) E	S							- -(0.40)	Brown sl	ghtly clay slightly s	silty fine SAND	(GLACIAL DE	EPOSITS)			GDU	
	- 0.60-1.00 - -) E	S					87	7.03	0.60 - -(0.40)	Light gre	y silty fine SAND (GLACIAL DEPO	OSITS)			× · · · · · ·	GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1.03.GDT 11/12/14	- 1.00-2.00	1.00-2.00 B							5.63	- - - -(1.00) - -	Orange b	erown silty fine SAf	·	DEPOSITS)				GDU	
D LOGS -									Length 3	.00m	Shoring/Support:	Date	Time	Water Strike	Strikes Minutes	Standing	Rer	marks	
ARD WOODFOR	3 A					>	В	1	Width 1	.00m	None Stability:								
TP LOG STAND	С						-	¥ ,		rees from	Stable	No radiologica	ete at 2m bgl. N	e background re	ctory evidence of ecorded. Ground				
1 ASM 80	;	Scale	1:25	5			es: Al lual id				metres. Lo	gs should be read	in accordance	with the provi	ded Key. Des	criptions are ba	ased on visu	ıal and	

		 		P						TRIAL F	PIT LO	G		Hole No	TP12	25	
	1:	50-182	/SP The Q 0 3SP	uays			Project							Sheet			
	Telep	hone:	0161 8 ax:	386 24	00					Woodford	Aerodrom	е			1 of	1	
	Job No	7000	0443	30			Client			Harrow E	states Plc			Date	07-07- 07-07-		
	Contracto	ır / Dr	iller		1	Meti	hod/Pla	nt l lse	d	Logged By		Co-Ordina	ates (NGR)	Gro	ound Leve		וטו
	H & C			e Ltd		IVIC		CB 3C)			eston	E	389566.880 381445.690)	86.		,,
Ī	SAMF	PLES	& TE	STS							STR	ATA					Install /
	Depth	Туре	PID (Vmqq)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	cription			Legend	Geology	
	0.10-0.30	ES						(0.45)	MADE G	ROUND: Light bro	wn sandy angu	ılar fine and n	nedium GRAV	ÆL		GMG	
	-0.45-0.90 0.50-0.80	D ES					86.12	0.45	Brown sli	ghtly silty fine SAN	ND (GLACIAL [DEPOSITS)				GDU	
	- - -						85.67	-	Orange b	prown very silty fine	e SAND (GLAC	CIAL DEPOSI	TS)		× ×	GDO	
ŀ	1.00-2.00 -1.00-2.00 1.00-1.20	B D ES						-							× · · · · · · · · · · · · · · · · · · ·		
	- - -							(1.30)							X	GDU	
.GDT 11/12/14	- - -						84.37	2.20	Di II i I			(8) 4 8 4	DEDOCITO)		×		
U WSPETEMPLATE1.03.	- 2.30-2.50 - - -	D						-(1.00)	Pinkish b	rown slightly silty f	îne SAND. Dar	mp. (GLACIAI	L DEPOSITS)		× · · · · × · · · · · · × · · · · · · ·	GDU	
ATE VERSION.GP	- - - -						83.37	3.20							× · · · · · · · · · · · · · · · · · · ·		
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED - 100914 - UP TO DATE VERSION GPJ WSPETEMPLATE1.03.GDT 11/12/14	- - - -						-										
. Ses			•	•		Length	•	Shoring/Support:				Strikes	•				
ODFORD LC	 3 — A							3 Width	.00m	None	Date	Time	Strike	Minutes	Standing	Re	marks
OG STANDARD WC	C						B 1	1 Orientati	ees from	Stability:	observed. No	ete at 3.2m bgl. radiological rea		factory evidence ckground record			
08 WSP TP L	Scale 1:25 Not mar						II dimens dentifica	sions in	metres. Lo	gs should be read	in accordance	with the provi	ded Key. Des	criptions are b	ased on visi	ual and	

			WS	P						TRIAL F	PIT LO	G		Hole No.	TP12	26	
		150-182 M5 phone:	0 3SP	•	100	ī	Projec	t		Woodford	Aerodrom	e		Sheet	1 of	1	
	Job No	700	044	30		(Client			Harrow E	states Plc			Date	07-07- 07-07-		
	Contract H & 0	or / Dr C Plan		e Ltd		Meth		ant Use		Logged By	eston	E	ates (NGR) 389775.320 381281.850)	und Level 82.1		D)
	SAM	PLES	& TE	STS	 S						STR	ATA		<u> </u>			Install / Backfill
	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOI	Depth (Thick -ness)	n		Desc	cription			Legend	Geology	
	0.10-0.80	ES					82.0 81.3	(0.70)	MADE G fragment	ROUND: ASPHAI ROUND: bboulde is.		of brown san	dstone with as	sh and rare brick	*	TARMAC GMG	
	0.80-1.30	ES D						(0.90)	MADE G	ROUND: Firm ligh	t grey sandy Cl	LAY				CMG	
03.GDT 11/12/14	1.70-2.20 - - - -	D					80.4 79.9	(0.50)	Firm brow	wn CLAY with fine	rootlets (GLAC	CIAL DEPOSI	ΓS)			GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION GPJ WSPETEMPLATE1.03.G		2.20-2.50 D						- - -(1.00) - -	Firm grey	y slightly friable CL	AY (GLACIAL I	DEPOSITS)				GDU	
MBINED -100914 - UP TO DATE	3.20-3.50	В					78.9 78.6	(0.30)	Grey san (GLACIA	ndy GRAVEL. Grav NL DEPOSITS) terminated at 3.5m		ed to rounded	fine to coarse	sandstone	0000	GDU	
WOODFORD LOGS - COI			3 A			<u> </u>	<u> </u>	Width	3.00m	Shoring/Support: None	Date	Time	Water Strike	Strikes Minutes	Standing	Rer	marks
WSP TP LOG STANDARD	D	cale 1:2	C 25			es: All	B 1	Orientat deg	rees from north	Stability: Stable gs should be read	observed. No encountered. I	ete at 3.5m bgl. radiological rea Hole backfilled i	dings above bad upon completion		d. Groundwa	iter not	
8		-			mar	iual ic	lentifica	ation.									

										Hole No	.		
		NS /SP	P				-	TRIAL PIT LO	OG	TIOIC NC	TP12	27	
	50-182 M50 hone: 0	The Q	,	00		Project		Woodford Aerodroi	me	Sheet	1 of	1	
Job No	7000)443	30			Client		Harrow Estates Pl	С	Date	08-07- 08-07-		
Contracto	or / Dr	iller			Ме	thod/Plant Use	d	Logged By	Co-Ordinates (NGR)	Gro	ound Level	l (m AO	D)
H & C	Plan	t Hire	e Ltd			JCB 3C>	(S Weston	E 389813.920 N 381275.740		82.3	320	
SAMF	PLES	& TE	STS	;				S	ΓRΑΤΑ				Install / Backfill
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD) (Thick -ness)		De	escription		Legend	Geology	
								OUND: Brown sandy slightly dium concrete and rare brick	gravelly SILT with rootlets. Grave	is angular		CMG	
0.20	D					82 02 0 30	MADE GR	OUND: Light grey sandy ang	ular fine to coarse gravel of limest	one		GMG	

Depth	T	()	_							011	RATA					Back
	Туре	PID (ppmV)	HSV (kN/m2	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Des	cription			Legend	Geology	
						00.47	,	MADE G	ROUND: Brown sa	andy slightly gr	avelly SILT w	ith rootlets. G	avel is angular		CMG	
0.10	ES D					82.17	-		ROUND: Light gre		ar fine to coars	se gravel of lir	nestone		GMG	
0.20 0.30 0.40	ES D ES					82.02	(0.50)	MADE G medium	ROUND: Dark blui GRAVEL with rare	sh grey dark g angular coars	rey stained ar e brick. Hydro	ngular to sub a carbon odour	angular fine to		GMG	
}						81.52	0.80	MADE G	ROUND: Brown st	ained dark gre	ov silty fine SA	ND with hydro	ocarbon odour	\longrightarrow		
0.90	ES D						- - -	WADE O	NOOND. BIOWII SE	amed dark gre	y sinty line on	ND WITH HYGIC	ica por ododi			988888
- - 1.60 -	D						- -(1.40) - - -								GMG	
2.00	D						_									爱
2.20	ES					80.12	2.20	Trial pit a	complete at at 2.2n	, hal				\longrightarrow		
2.20							- - - - - - - - - -									
							Length		Shoring/Support:	Data	Timo		Strikes	Standing	Da	marke
D		-3 A			-	B 1 ↓	Width 1.	00m 00m	None Stability:	Date General Ren		Strike	Minutes	Standing		marks
0	ale 1:2	C		Note	s: All		n	ees from orth	Stable gs should be read	radiological re backfilled upo	eadings above b on completion.	ackground reco	odour encountered orded. Groundwater orded. Groundwater order orde	not encou	ntered. H	ole

			NS /SP	P						TRIAL F	PIT LO	G		Hole		P12	28	
		50-182 M5 hone:	The C	-	400		Project			Woodford	Aerodrome	е		Shee		of	1	
	Job No	7000	0443	30			Client			Harrow E	states Plc			Date	08	-07- -07-		
	Contracto			e Lto		Met	hod/Pla	int Use		Logged By	eston	E	ates (NGR) 389888.470 381429.400		Ground L	_evel		DD)
	SAMF	PLES	& TF	STS	 S						STR							Install /
	Depth	Туре	<u> </u>	_	_	Water	Elev. (mAOD					ription			Le	egend	Geology	Backfill
	- - -							-ness) - -(0.38)	MADE GF	ROUND: Reinforce	ed CONCRETE	<u> </u>			AT A T A T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CONC	
	0.40-0.50	ES					81.96	-	MADE GF	ROUND: Light bro	wn sandy angu	lar fine to coa	arse GRAVEL o	of sandstor	ne.		0140	
	-						81.74	0.60		prown mottled are	v eliabtly eilty C	I AV Pare e	ub rounded me	dium to co	yarea ×o	$\frac{1}{2}$	GMG	
	-0.70 - - - - - - - -	ES D						(0.90)	gravel of d	orown mottled gre quartzite. (GLACI/	y siigntiy siity C	LAY. Kares	ub rounded me	aium to co	Arse No. 1	× × × × × × × × × × × × × × × × × × ×	GDU	
1.03.GDT 11/12/14	- - - 1.80-2.00 - - -	D				1	80.84	(0.90)		n, grey mottled fri	able gravelly, (CLAY. (GLA	CIAL DEPOSIT	S)		×	GDU	
IPLATE	2.40-2.60 -2.40-2.60	B ES				Ţ	79.94	(0.20)	Red brow	n silty fine SAND	(GLACIAL DEF	POSIT)			×	×	GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1.							79.74		Trial Pit te	erminated at 2.6m	bgl				ix			
es - co								Length		Shoring/Support:			Water S	Strikes				
3D LOC									.00m	None	Date	Time	Strike	Minutes	Star	nding	Rer	marks
JODFOF	-		— 3 A			-	ł	Width					2.40					
LOG STANDARD WO	D C						B 1 <u>↓</u>	Orientati degr	on	Stability:	observed. No	ete at 2.60m bo radiological rea	gl. No visual or oli dings above bac ble backfilled upor	ground rec	orded. grou			
08 WSP TF	Sc	ale 1:2	25				II dimens dentifica	sions in		s should be read	in accordance	with the provi	ded Key. Desc	riptions are	e based o	n visı	ual and	

			NS	P						Hole N	TP129 Sheet 1 of 1							
		50-182 M5 hone:	0 3SP	-	400		Project			Sheet								
	Job No	7000)443	30			Client Harrow Estates Plc									08-07-14 08-07-14		
	Contracto H & C			e Ltd		Met	hod/Pla J0	nt Use CB 3C)		Logged By	eston	E	ates (NGR) 389792.340 381532.860	Gı	Ground Level (m AC 82.980			
	SAMF	PLES	& TE	STS														
	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	cription			Legend	Geology	Backfill	
	-						82.91 82.68	0.07	MADE G	ROUND: ASPHAL ROUND: Reinforce	ed CONCRETE				7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4	CONC		
	0.30-0.40	ES					82.38	(0.30)		ROUND: Dark gre			burnt coal		GMG			
	0.60-1.00 -0.60-0.80	B ES					82.28	0.70		grey brown sandy					·	GDU		
	- -						81.88	-(0.40) - 1.10	Light bio	wir grey siity iirie s	SAND (GLACIAL DEPOSITS)				× · · · · · · · · · · · · · · · · · · ·	GDU		
	- 1.20 -1.20 -	D ES					61.00	Firm reddish brown mottled grey slightly sandy CLAY (GLACIAL DEPOSITS										
.03.GDT 11/12/14	- - - - 2.00	D					80.78	(1.10)								GDU		
	- - - -						80.28	(0.50)	DEDOOR	irm reddish brown, grey mottled, slightly gravelly sandy CLAY (GLACIAL EPOSITS)						GDU		
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1	- - - - - - - - -							-	Trial Pit t	erminated at 2.7m	bgl							
) - S5(Length	ı	Shoring/Support:			Water	Strikes				
ODFORD LC	 		— 3 A			-		3 Width	.00m	None	Date	Time	Strike	Minutes	Standing	Rei	marks	
LOG STANDARD WC	D		C				B 1	1 Orientati degr	ees from	Stability:	observed. No	ete at 2.7m bgl. radiological rea	No visual or olfa dings above bac upon completion.	kground recor	evidence of contamination and recorded. Groundwater no			
08 WSP TP	Sca	ale 1:2	25				:: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are bar al identification.									ual and		

	 	NS	P						Hole No.	Hole No. TP130							
	50-182 M5 phone:	0 3SP	•	00		Project	:		Sheet	Sheet 1 of 1							
Job No	7000		30			Client			Harrow E	Date states PIc				08-07-14 08-07-14			
Contracto			e Ltd		Met	hod/Pla	ant Use		Logged By	eston	Grou	Ground Level (m A0					
SAME	PLES	& TE	STS	3						STR	ATA		l e			Install Backfi	
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD	Depth (Thick -ness)	n e		Desc	cription			Legend	Geology		
-						81 07	(0.33)		ROUND: Reinford	ed CONCRET	E				CONC		
1.00-1.20	ES					81.97	81.97 - 0.33 MADE GROUND: Light brown sandy angular fine to coarse GRAVEL of sandstone, with rare sandstone cobbles. Rare angular brick fragments.										
03.GDT 11/12/14 088'T	D ES					80.65	- - - - - - - - -	Firm brov	vn slightly sandy, s nded medium to ດ	slightly gravelly oarse (GLACIA	CLAY with ra	re thin sandy _l	partings. Gravel				
	D					79.30	(1.35)		erminated at 3m b	al					GDU		
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED - 100914 - UP TO DATE VERSION GPJ WSPETEMPLATEI							- - - - - -										
90es - 6	<u>'</u>		ļ			'	Length	<u>'</u>	Shoring/Support:			Water				<u></u>	
WOODFORD L		— 3 A			→	T	Width	3.00m	None	Date	Time	Strike	Minutes	Standing	Re	marks	
P LOG STANDARD		С				B 1	Orientat degi	ion rees from	Stability:	observed. No	ete at 3m bgl. N radiological rea	lo visual or olfac dings above bac upon completion	ctory evidence of s ckground recorded	significant co	ontamina ater not	tion	
Las Sc	ale 1:2	25		Note	es: Al ual id	Il dimens dentifica	sions in tion.	metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	criptions are bas	sed on visu	ual and		

WSP			Hole	e No. TP131		
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:		Project	She	Sheet 1 of 1		
Job No 70004430		Client	Harrow Estates Plc		Dat	te 04-07-14 04-07-14
Contractor / Driller	Me	thod/Plant Used	Logged By	Co-Ordinates (NGR)		Ground Level (m AOD)
H & C Plant Hire Ltd		JCB 3CX	J Kinchington	E 389683.130 N 381571.830		86.730

SAIVIE	PLES			_			Do-#	1		311	RATA				1	Inst Bac
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Des	cription			Legend	Geology	/
0.10	ES	0				86.53	-(0.20)	coarse a	ver dark brown sligh angular to subround	ed of various I	ithologies (TC	PSOIL).		1/ 7/1/	TS	
						86.33	-(0.20) 0.40	subroun	lightly silty slightly g ded of various lithol	ogies. (GLAC	IAL DEPOSIT	S).			GDU	
0.40	ES	1					(0.30)	Orange subangu	brown slightly silty s lar to rounded of va	slightly gravelly arious lithologi	/ medium SA es. (GLACIAL	ND. Gravel is DEPOSITS)	s fine to coarse	XO	GDU	
0.80	D		90			86.03		Stiff high medium	n strength reddish b occasionally fine ro	rown slightly gounded. (GLAC	ravelly sandy CIAL DEPOSI	friable CLAY. TS)	Gravel is	0 X	ODU	
-						85.73	1.00	Orango	brown fine and med	lium SAND (SLACIAL DED	, MISON			GDU	
2.50	В					83.93	- (1.80) - (1.80) - (1.80) - (1.80) - (1.80) - (1.80) - (1.80)	2.50 m b	ogl; becoming slight	ly clayey.					GDU	
							Length		Shoring/Support:			Water	Strikes			
 		— 3 A			→		3 Width	.00m	None	Date	Time	Strike	Minutes	Standing	Rei	mark
D						B 1	1	.00m	Stability:							
		С				<u>*</u>		on ees from north	Stable	observed. No	lete at 2.8m bgl.	idings above ba	factory evidence ickground record n.	of contamina ed. Groundwa	ation ater not	

	ı		NS (CD	P						Hole N	Hole No. TP132							
		50-182 M5 ohone:	0 3SP	-	100		Project			Sheet	Sheet 1 of 1							
Jo	b No	7000)443	30			Client Harrow Estates Plc							Date	Date 04-07-14 04-07-14			
Co	ontracto			e Ltd		Met	hod/Pla	nt Use		F 389663 330					Ground Level (m AC			
	SAMI	PLES	& TE	STS	<u></u> -3						STR	ATA				Install /		
	Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	ription			Legend	Geology		
							85.38	0.05		T TE (reinforced with	th 5mm rehar)				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CONC		
0.3	30	ES					85.23 84.93	(0.30)	MADE GI subround of yellow	ROUND: Grey occ ed GRAVEL of cli sandstone.	asionally brown	n and pale greats in an and pale greats in an and pale greats in an another great great greats in an another great great great greats in an another great gr	ey sandy angul with frequent a	lar to Ingular cobb	XX	GMG		
0.6	60	ES						-	Light brov	wn slightly gravelly ngular of various l	rfine SAND. Gr ithologies. (GLA	avel is mediu ACIAL DEPO	m and coarse SITS)	subrounded				
1.0	00	В						(1.50)								GDU		
4																		
.03.GDT						<u>‡</u>	83.43	(0.50)	Firm redd	Firm reddish brown mottled grey sandy friable CLAY. (GLACIAL DEPOSITS)						GDU		
ON.GPJ WSPETEMF						-	82.43	(0.50)		Reddish brown clayey fine and medium SAND. (GLACIAL DEPOSITS		5)		GDU				
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED - 100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1	00	В					San Yu	-	Trial Pit o	omplete at 3.00m	bgl						N TO	
068-0		'			1		1	Length	1	Shoring/Support:			Water					
WOODFORD L(3 — 3 — A					-	Width		3.00m	None	Date	Time	Strike 2.50	Minutes	Standing	Rei	marks	
LOG STANDARD	D		С				B 1 Orientati		rees from	Stability:	observed. No	ete at 3.00m bo radiological rea	I. No visual or ol dings above bac 2.50m bgl. Hole	kground recor	rded. Slight see			
08 WSP TF	Sc	ale 1:2	25				Il dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and dentification.											

	/	NS /SP	SP						TRIAL F	PIT LO	G		Hole No.	TP1	33	
	150-182 M5 ephone:	The C	-			Projec	t		Woodford	Aerodrom	е		Sheet	1 of	1	
Job No	7000	044	30			Client			Harrow E	states Plc			Date	04-07- 04-07-		
Contract	tor / Dr	iller			Met	hod/P	ant Use	d	Logged By			ates (NGR)	Grou	nd Leve	l (m AC	D)
H & (C Plan	t Hir	e Lto	d			JCB 3C	X	J Kinch	nington		389584.120 381570.540		87.	680	
SAM	IPLES	& TE	EST	S						STR	RATA					Install / Backfill
Depth	Туре	PID (ppmV)	HSV	P.Pen	Water	Elev (mAO	Depth (Thick -ness)				cription			Legend	Geology	,
0.20	ES	0					(0.50)	MADE GF rootlets. C	ROUND: Long gra Gravel is fine to co	ss over dark b arse angular to	rown slightly o rounded of	gravelly fine SAN various lithologie	ID with s (TOPSOIL).		GMG	
-						87. ²		MADE GF	ROUND: Yellowish	n grey and blad	ck fine and m	edium angular G	RAVEL of ash		GMG	
0.60	ES	0					-		er with occasional rown occasionally 'S).				L			
1.00	В						-(1.20)								GDU	
					<u>‡</u>		-									
_						85.8	1.80		erminated at 1.80r	n bgl due to in	stability					1669
						1	Length		Shoring/Support:			Water St	rikes			
⊢		— 3 A				B 1	Width	3.00m	None Stability:	Date	Time	Strike 1.50	Minutes	Standing	Rei	marks
		С				J <u>▼</u>		ion rees from north	1.00m bgl; Trial pit collapse.	contamination	doned at 1.80 b	g due to instability. radiological reading at 1.50m bgl. Hole	rs ahove hackoi	ound recor	ded See	page

WSP		TRIAL PIT LO		Hole No. TP134
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:	Project	Woodford Aerodrome		Sheet 1 of 1
Job No 70004430	Client	Harrow Estates Plc		04-07-14 04-07-14
Contractor / Driller	Method/Plant Used	Logged By	Co-Ordinates (NGR)	Ground Level (m AOD)
H & C Plant Hire Ltd	JCB 3CX	J Kinchington	E 389414.930 N 381650.410	89.250

O/ (IVII	LES	& IE	515							315	RATA					Inst Bac
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Des	cription			Legend	Geology	
0.10	ES						(0.50)	Grass ov coarse o	ver dark brown sligl f sandstone and va	ntly gravelly fir arious lithologi	e SAND with es (TOPSOIL)	rootlets. Grav	el is fine to			\$25555 \$455
0.60	ES					88.75 88.45	(0.30)	Brown sl sandstor	ightly gravelly fine ne. (GLACIAL DEP	and medium S OSITS).	AND. Gravel	is coarse rour	nded of	0	GDU	
2.00	D		65			86.75	- - - - - - - - - - - - - - - - - - -	with rare sandstor 1.00 m b	dium strength redd cobbles. Gravel is ne. (GLACIAL DEP gl; gravel becomin	fine to coarse OSITS) g fine and med	subangular to	tly gravelly sa	ndy friable CLA	Y	GDU	
 		— 3 A				T	Width	.00m	Shoring/Support: None	Date	Time	Water Strike	Strikes Minutes	Standing	Rei	mai
D		С			I	B 1 <u>▼</u>	Orientati degr		Stability: - Stable	observed. No	lete at 2.5m bal	idings above ba	Ifactory evidence of ackground recordern.	of contamina d. Groundw	ation ater not	

	 		SP						TRIAL F	PIT LO	G		Hole No	TP1	35	
	150-182 M5 phone:	0 3SF	, ,			Project			Woodford	Aerodrom	ne		Sheet	1 of	1	
Job No	7000		30			Client			Harrow E	states Plc			Date	04-07- 04-07-		
Contract	or / Dr	iller			Met	hod/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)	Gro	ound Leve	I (m AC)D)
Н&С	C Plan	t Hir	e Lto	t		J(CB 3C	X	S We	eston		389362.220 381687.050		88.	990	
SAM	PLES	& T	EST:	S						STF	RATA					Install Backfi
Depth	Туре	PID	4SV	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick			Des	cription			Legend	Geology	
		_ e	7 - 2	<u> </u>	5	(IIIAOD)	-ness)	Grass ove	er brown slightly sa	andy SILT with	n rootlets (TOF	PSOIL)		Z _{I 1} X Z _{I I}		200
- 20	F6					88.74	(0.25) 0.25		,	•	•	,		1/ 3/1/	TS	
0.20	ES					00.14	- 0.20		ghtly silty fine SAN	ID (GLACIAL	DEPOSITS)			×		
-							(0.40)							× · · · ·	GDU	
0.60 -0.60	D ES					88.34	0.65		SAND (GLACIAL	DEPOSITS)				×		
0.70-1.20	В						(0.35)	Orey mic	ON THE COLN CONTE	DEI GGITG)					GDU	
_						87.99	1.00									
_							-	Brown fin	e and medium SA	ND (GLACIA	L DEPOSITS)					
-							-(0.40)								GDU	
_						87.59	1.40	Firm red I	brown slightly grav	elly CLAY wit	h some light g	rey mottling. Gr	avel is	<u>×o×</u>		
1.60	D						(0.30)		fine and medium s	andstone (GL	ACIAL DEPOS	SIIS)		× ×	GDU	
						87.29	1.70		vn slightly sandy C	LAY. (GLACI	AL DEPOSITS)				
-							-								-	
-							-(0.80)								GDU	
-							-									
-							ļ									
2.50	D					86.49	2.50	Trial Pit te	erminated at 2.5m	bgl						
- - - - - - -							- - - - -									
-							Length		Shoring/Support:		1	Water S				
		_				ı	3	3.00m	None	Date	Time	Strike	Minutes	Standing	Rei	marks
		— 3 A			-	ł	Width									
D		•				B 1	1	.00m	Stability:	-						
		C	•			l ↓	Orientat	ion	g.	General Rer		I. No visual or olf	actory evidenc	e of contamin	ation	
			•				degi	rees from	Stable	observed, No	radiological rea	dings above back upon completion.	ground record	led. Groundwa	ater not	

			SP						TRIAL F	PIT LO	G		Hole N	TP1	36	
	150-182 M5 ephone:	038	Quays P			Project			Woodford	Aerodrom	ne		Sheet	1 of	1	
Job No	700		130			Client			Harrow E	states Plc			Date	04-07- 04-07-		
Contract	or / Dr	ille	r		Met	thod/Pla	nt Use	d	Logged By		Co-Ordin	ates (NGR)	Gı	round Leve	I (m AC	DD)
H & 0	C Plan	t Hi	re Lt	d		JO	CB 3C	K	S We	eston		389374.730 381830.890		86.	810	
SAM	PLES	& T	EST	S					1	STF	RATA					Install Backfi
Depth	Туре	PID	(Vmdc	P.Pen	Water	Elev. (mAOD)	Depth (Thick			Des	cription			Legend	Geology	
-			= =	2 - 3			-ness) -(0.20)	MADE GR (TOPSOIL	OUND: Grass ov	ver brown slig	htly silty slight	ly gravelly fine S	AND.		MG	
0.20-0.90	В					86.61	0.20	MADE GR	OUND: Brown fin	e sand with ra	are brick frage	ments				
0.40-0.50	ES						-(0.40)								MG	
- -						86.21	0.60	POSSIBLE	E MADE GROUN	D: Brown fine	SAND					
- -						85.91	0.90	Firm grov	CLAY with sandy	pocketa (CLA	ACIAL DEDOS	ITC)			MG	
-							-	Fillingley	CLAT WILL Salluy	pockets (GLA	CIAL DEFOS	113)		<u></u>		
1.20	D						-(0.60) -								GDU	
- 1.50-2.00	В					85.31	1.50	Light brow	n fine and mediur	n SAND with	rare cobbles	(CLACIAL DEP	ngitg)			
-							-	Light brow	Trime and media	ii o, avb waii	raic cobbics.	(OL/ (OI/ IL DEI	30110)			
							-									
-							(1.10)								GDU	
-							-									
-						84.21	2.60									
						01.21		Grey fine t	o medium SAND DEPOSITS)	with rare grav	el and sand s	ized coal in pato	hes.			
-						83.81	-(0.40) - 3.00							0	GDU	
-							- - - -	Trial pit co	mplete at 3m bgl							
- - -							-		-							
							Length	m	Shoring/Support:	Date	Time	Water S Strike	trikes Minutes	Standing	Re	marks
-			 A		-	+	Width									
D			1			В		m	Stability:							
		(С			<u> </u>	Orientati		Unstable from 0.6m bgl	radiological re	olete at 3.0m bgl	. Slight hydrocarboackground record	on odour in Med. No Groun	Made Ground. ndwater encou	No untered. I	Hole

	10	NS /SP	SP						TRIAL I	PIT LO	G		Hole	No. TP1 ;	37	
	150-182 M5 ephone:	The C	, ,	400	•	Project	t		Woodford	Aerodrome	е		Shee	t 1 of	1	
Job No	7000	044	30			Client			Harrow E	Estates Plc			Date	04-07- 04-07-		
Contract	tor / Dr		- 1 4-		Met		ant Use		Logged By	la ira art a ra	E	ates (NGR) 389109.300		Ground Level		DD)
					<u> </u>		CB 3C/		J KING	hington		381867.880		00.0		Install
Depth	Type	2	1	P.Pen (KN/m2)	Water	Elev.	Depth	1		STR	ription			Legend	Geology	Backfill
0.10	ES	_ <u>9</u>	- 3	□ 3	>		-ness) -(0.20)	rootlets. 0	ROUND: Long gra Gravel is fine to co	ass over dark br parse angular to	own slightly o	gravelly fine SA of various litho	.ND with logies.	Z112 Z117	GMG	
-						86.4	(0.30)	MADE GI	L). ROUND: Grey mo d various lithologi		dy coarse ang	gular and subar	ngular GRA		GMG	
0.40	ES					86.1	6 0.50		POLIND: Orango	brown fine to co	area SAND					
0.60	ES						(0.90)	MADE GI	ROUND: Orange	brown fine to co	arse SAND.				GMG	
-							-		gl; 75mm diamete							
-						85.20	6 1.40		lish brown slightly	, condu cliabtly c	rovolly CLAN	Crovel is fine	to coorse			
1.50	D						-(0.40)	angular to	o subrounded of v	rarious lithologie	s. (GLACIAL	DEPOSITS).	to coarse		GDU	
1.80	B ES					83.6	- - - -(1.20) - -	Reddish I Gravel is	brown gravelly fin fine to coarse rou	inded. (GLACIA	ID with occas	sional rounded	cobbles.		GDU	
8							Length		Shoring/Support:			Water S	Strikes			
D D		A			>	H B ↓	Width	m m	None Stability:	Date General Rem Trial pit comple	ete at 3.00m bo	Strike	Minutes	Standing standing	ation	marks
S	cale 1:2	25				III dimen	degi	rees from north	Unstable from 2.7m bgl gs should be read	encountered.	Hole backfilled	dings above bac upon completion ded Key. Desc	l. 			

	₽	NS /SP	P						TRIAL F	PIT LO	G		Hole No.	TP1	38	
	150-182 M5 ephone:	The C	-	00	F	Project			Woodford	Aerodrom	e		Sheet	1 of	1	
Job No	7000	044	30		(Client			Harrow E	states Plc				05-08- 05-08-		
Contrac	tor / Dr	iller		1	Meth	nod/Pla	ant Use	d	Logged By		Co-Ordin	ates (NGR)	Groui	nd Leve	(m AO	D)
Н&	C Plan	t Hir	e Ltd			J	CB 3C	<	J Kinch	nington		389541.100 I 381862.970		85.4		ŕ
SAM	IPLES	& TE	ESTS	3						STR	RATA					Install /
Depth	Туре	PID ppmV)	HSV kN/m2)	P.Pen kN/m2)	Water	Elev. (mAOD	Depth (Thick			Desc	cription			Legend	Geology	
0.10	ES					05.01	-ness) -(0.20)	MADE GF coarse su	ROUND: Crops ov	rer brown grave unded of varior	elly fine SANI us lithologies	O with rootlets. Gr . (TOPSOIL)	avel is fine to		GMG	
-						85.2	0.20	MADE GF occasiona	ROUND: Yellow b	rown sandy me lar sandstone.	edium and co	arse angular GRA	VEL with			
-							-(0.40)								GMG	
0.60 -0.60	D ES					84.85	0.60	Dark brow	vn and black pseu	dofibrous to an	norphous PE	AT. (SUPERFICIA	AL.	<u> </u>		
-							-		-,					7/7/7/		
														<u> </u>		
-							-							1/ 1//		
							-							1/ 1/1/ 1/		
<u> </u>							(2.00)							<u> </u>	PEAT	
-							-							<u> </u>		
-							-							7 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
-							-							1/ 1//		
														1, 11,		
						82.8	2.60							1/ 1//		
							(0.30)	DEPOSIT		,	Ü	anic matter. (SUP	ERFICIAL		SUPD	
2.90	В					82.5	2.90	,	gl; 2mm diameter i bandoned at 2.90i							
-							- - - - - -									
		<u> </u>					Length		Shoring/Support:	Date	Time	Water Str	ikes	Standing	Do	marks
 		— 3			-		3	.00m	None	Date	rime	Suike	ivilliutes	Statiuing	Ker	ııaı KS
		A				T	Width	00m								
D						B 1		.00m	Stability:	General Rem						
		С						on ees from north	Unstable from 2.60m bgl	observed. No	radiological rea	gl. No visual or olfac adings above backgi upon completion.	tory evidence o ound recorded.	f contamin Groundwa	ation ater not	

			P						TRIAL F	PIT LO	G			No. TP1	39	
	150-182 M5 phone:	0 3SP	,	00	F	Project			Woodford	Aerodrom	e		Sheet	: 1 of	· 1	
ob No	7000	0443	30		(Client			Harrow E	states Plc			Date	05-08 05-08	B-14 B-14	
ontract	or / Dr	iller			Meth	nod/Pla	nt Use	d	Logged By		Co-Ordina	ites (NGR)	G	Fround Lev	el (m A0	OD)
Н&С	Plan	t Hire	e Ltd			J	CB 3CX	<	J Kincl	hington		389559.200 382057.710		86	.150	
SAM	PLES							ı		STF	RATA					Inst Bac
Depth	Туре	PID (ppmV)	HSV kN/m2)	P.Pen kN/m2)	Water	Elev. (mAOD)				Des	cription			Legen	Geolog	у
.10	ES			-			-ness) -(0.20)	rootlets.	GROUND: Brown a Gravel is fine to co	nd black slight parse angular c	ly gravelly ashy	/ fine and medi	ium SAND	with	GMG	
.30	ES					85.95	(0.30)	MADE G	GROUND: Light bro inker and brick with	own sandy fine h frequent cobl	to coarse angulates of yellow a	ular to subroun angular sandsto	ded GRAV one.	EL X	GMG	
						85.65	0.50	Firm me	dium strength oran	ige brown and TS)	light grey sligh	tly sandy slight	ly gravelly	-0-		
							(0.70)	,		,					GDU	200
00	D		62													
						84.95	1.20	Firm me	dium strength redd ded of sandstone a	lish brown sligh and coal. (GLA	ntly gravelly CL CIAL DEPOSI	AY. Gravel is a	angular to			
							-(1.20)				GDU					
			61				_									2222
																\$25.50 \$25.50
50	В				<u></u>	83.75	2.40	Brown sl	lightly silty fine SAN	ND. (GLACIAL	DEPOSITS)			× .		
							-(0.60)							× × ×	GDU	
						83.15	3.00	Trial pit	complete at 3.00m	bgl.				× · · · ×		2
							_									
							_									
							Length		Shoring/Support:			Water S	Strikes			
							_	.00m	None	Date	Time	Strike	Minutes	Standing	g Re	emar
-		— 3 А			-	_	Width					2.40				
D						B 1	1	.00m	Stability:	-						
		С				<u>*</u>	Orientati degr	on rees from	Unstable from 2.40m bgl	observed. No	narks llete at 3.00m bg radiological read as a slight seepa	dings above back	kground reco	rded. Ground	vater	

		WS	SP		T				TRIAL F	PIT LO	G		Hole	e No.	TP14	40	
	150-182 M5 phone:	0 3SF 0161	, ,	100		Project			Woodford	Aerodrom	e		She	eet	1 of	1	
lah Na		Fax:				<u> </u>							De	1-			
Job No	700	044	30			Client			Harrow E	states Plc			Da		03-07- 03-07-	14 14	
Contracto	or / D	riller			Meth	hod/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)		Grour	nd Level	(m AC	DD)
H & C	Plar	ıt Hir	e Ltd			J	CB 3CX	<	S We	eston		389834.290 382075.850			85.2	220	
SAMI	PLES	& T	ESTS	3						STR	ATA						Instal Backt
Depth	Туре	PID	HSV (kN/m2)	P.Pen kN/m2)	Water	Elev. (mAOD)				Desc	cription				Legend	Geology	/
					1		-ness)	Hay over	brown slightly clay	ey slightly san	dy SILT (TOP	SOIL)			7/1/2		
							(0.30)								1/ 2/1/ 1 2/1/ 1/1/	TS	
0.30-0.40	ES					84.92 84.82		Orange b	rown fine and med	dium SAND (GI	LACIAL DEP	OSITS)			1.2.2.2	ALV	
							-(0.20)	Firm grey	sandy CLAY (GL	ACIAL DEPOS	ITS)					ALV	
0.60-0.70	ES					84.62	0.60	Grey grav	elly fine to mediu	m SAND with o	ccasional len	ses of clay. Gr	avel is		0		
0.70-0.90	В						(0.40)	subround	ed medium to coa	rse grey sands	tone. (GLACI	AL DEPOSITS	5)			ALV	
						84.22	ļ` <i>′</i>								0		
						04.22	1.00	Firm brow	vn mottled grey sa	ndy CLAY (GL	ACIAL DEPO	SITS)					
1.10	D						-										
							(0.60)									ALV	
						83.62	1.60	Firm grey	, slightly mottled b	rown CLAY (G	LACIAL DEP	OSITS)					
							(0.35)			`		,				ALV	
1.90	D					83.27	1.95								==		
2.00	В						_		ntly clayey SILT, w h (GLACIAL DEP		s and rare pie	ces of wood be	ecoming	clayey	× × ×		
							-								× × ×		
							(0.75)								* * *	ALV	
															× ×		
						82.52	2.70								× × ×		
						02.02	2.70	Stiff grey	CLAY (GLACIAL	DEPOSITS)							
2.80	D						-										
-							- -(0.80)									ALV	
							(0.00)									, .Lv	
							ŀ										
3.50	D					81.72	3.50	Trial Dit 4	erminated at 2 F	bal					<u> </u>		
,							-	ו וומו דונ נפ	erminated at 3.5m	vyi							
							-										
							Length	<u> </u>	Shoring/Support:	Ī		\Mata=	Strikoo				
							_	.00m	опонну/оиррон:	Date	Time	Water Strike	Minute	s	Standing	Re	marks
 		— 3	\ 		-				None								
		Д	١			T	Width										
D							1	.00m	Stability:	-							
		С	;			<u></u>	Orientati	on			ete at 3.5m bgl.	. No visual or olfa					
		-					degr	ees from	Stable	observed. No	radiological rea	dings above bac upon completion	kground re				
				Nici	20: 4:	Il dim = =			no obould be recal	in accordance	with the	dod Kov Da	rintia:	ro haa	ad on the	اما مد ا	
Sc	ale 1:	25				il dimens dentifica		neues. Lo	gs should be read	accordance	with the provi	ueu ney. Desc	aipuons a	ne Dase	eu on Visu	iai and	

	150-	W\$	he Qu				Project			TRIAL F	PIT LO	G		Hole		P14	41	
Te	elepho	ne: 0 Fa	1618	86 24	00					Woodford	Aerodrome	е				1 of	1	
Job No		000	443	80			Client			Harrow E	states Plc			Dat	0	3-07- 3-07-		
Contrac	ctor /			: Ltd		Meti	hod/Pla	nt Use		Logged By	eston	E	ates (NGR) 389737.510 381965.820		Ground	Leve 85.2	•	D)
SAI	MPL	ES 8	L TE	STS	 }						STR							Install /
Depth	n T	ype	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	ription				Legend	Geology	Backfill
-							04.00	(0.30)	Hay over	brown slightly clay	yey slightly sand	dy SILT (TOP	PSOIL)		v.	7 1/2 /1 /2 2 1/2 /1 /2 2 1/2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /	TS	
-							84.90	-(0.20)		ty fine SAND (GLA	ACIAL DEPOSI	TS)				× ×	ALV	
0.50-0.80 -0.50-0.80								-(0.40)		wn fine and mediu	m SAND (GLA	CIAL DEPOS	iTS)				ALV	
1.00-1.50 -1.00							84.30	0.90 - - -(0.60)	Light gre	y fine SAND beco	ming silty fine s	and with dep	th (GLACIAL D	EPOSIT	S) (ALV	
							83.70	1.50		purplish brown CL	AY (GLACIAL	DEPOSITS))))	× × × × × × × × × × × × × × × × × × ×	ALV	
EMPLATE1.03.GDT 11/12/14		D					83.20	2.00	Very soft	brown silty CLAY.	Damp, becomi	ing silt with do	epth (GLACIAL	DEPOS	ITS)	× × × × × × × × × × × × × × × × × × ×		
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED-100914 - UP TO DATE VERSION GFU WSPETEMPLATE1.03.GDT 11/12/14 C C C C C C C C C C C C C		D						(1.70)							>	X X X X X X X X X X X X X X X X X X X	ALV	
COMBINED - 100							81.50	3.70	Trial Pit t	erminated at 3.7m	bgl				}	<u> </u>		1668
Ses -			ļ		<u>' </u>	•		Length	l .	Shoring/Support:			Water S					
ARD WOODFORD LC			– 3 - A			>	∓ B 1	Width	.00m	None Stability:	Date	Time	Strike	Minute	s St	tanding	Rei	marks
TP LOG STAND	80 D B D D D D D D D D D D D D D D D D D						<u> </u>		rees from	Stable	observed. No	ete at 3.7m bgl. radiological rea	No visual or olfa dings above back upon completion.					
08 WSF	Scale	1:25	5				Il dimens dentificat		metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desci	iptions a	are based	on visi	ual and	

	/	NS /SP	P						TRIAL F	PIT LO	G		Hole No.	TP1	42	
	150-182 M5 ephone:	The Q 0 3SP	•	00	ı	Project			Woodford	Aerodrom	e		Sheet	1 of	2	
Job No	7000	0443	30		(Client			Harrow E	states Plc			Date	30-07- 30-07-		
Contract	or / Dr	iller			Meth	nod/Pla	nt Use	d	Logged By			ates (NGR)	Grou	nd Leve	l (m AO	D)
H & 0	C Plan	t Hire	e Ltd			J	CB 3C	X	J. Wa	atson		389821.090 382644.140		89.6	660	
SAM	PLES		1	_			Daneth	I		STR	ATA					Install / Backfill
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	cription			Legend	Geology	
0.10-0.20	ES	0					-(0.40)	MADE GF to coarse	ROUND: Grass ov subangular of sar	ver dark brown ndstone with ra	slightly claye re ash and cl	y gravelly SAND. inker. (TOPSOIL)	Gravel is fine		GMG	
-						89.26	0.40	MADE G	ROUND: Firm med	dium strenath a	orange brown	mottled arev slig	htly sandy			
0.50-1.00 -0.50 0.50-0.60	B D ES	0	50 42 52				(0.70)	slightly gr	avelly CLAY with of various lithologic	occasional poc	kets of ash. (Gravel is fine to m	nity sality ledium		CMG	
1.00	D					88.56	1.10		um to high strengt	th dark reddish	brown mottle	ed arev CLAY Gr	avel is fine to			
1.30	D						-	coarse of	various lithologies	s. (GLACIAL D	EPOSITS)	a groy ob tr. or	aver is line to			
-			62												-	
- : :			78				-(1.40)								GDU	
-			100				-									
2.40	D ES		70			87.16	2.50		rown slightly claye	ay fine and med	tium SAND (GLACIAL DEPO	SITS)			
2.30-2.00							-	Orange D	Town Siightly Claye	y line and med	ium SAND. (OLACIAL DEFO	3113)			
- -							-								-	
							(1.50)								GDU	
-							-									
3.80-4.00	ES					25.	<u> </u>									
		<u> </u>		<u> </u>		85.66	4.00 Length		Shoring/Support:			Water Str	ikes	<u> </u>		
		- 2.6 ^	S —		-		2 Width	2.60m	None	Date	Time	Strike	Minutes	Standing	Rer	marks
D		<u>A</u>				B 0.6).60m	Stability:	0.000	- auto-					
		С				<u>*</u>		rees from	Stable	observed. No	ete at 4.0m bgl radiological rea	. No visual or olfact adings above backg upon completion.	ory evidence of round recorded	contamina I. No Groun	ition dwater	

ob No	50-182 M50 ohone: 0	SP The Qu							TRIAL F	11 LO	G			IF	142	
ob No	ohone: (F	3SP	ays		F	Project			\\\ C	A I			She			
		0161 88 ax:	36 240	00					Woodford	Aerodrom	e 				of 2	
ontracto	7000)443	0			Client			Harrow E	states Plc			Dat	30-	07-14 07-14	
	or / Dri	ller			Meth	nod/Pla	nt Use	d	Logged By			ates (NGR)		Ground Le	evel (m A	OD)
H & C	Plant	Hire	Ltd			J	CB 3CX	(J. Wa	atson		389821.090 382644.140			89.660	
SAMF				-			Depth			STR	ATA					Insta Back
Depth	Туре	PID (ppmV)	HSV KN/m2	P.Pen kN/m2	Water	Elev. (mAOD)	(Thick			Desc	cription			Leg	end Geolog	ıy
							-ness) -	Trial pit o	omplete at 4.0m b	gl						
							-									
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	1						Length	1	Shoring/Support:			Water	Strikes			1
							2	.60m	None	Date	Time	Strike	Minute	s Stand	ling R	emark
-		- 2.6			-				None							
		Α				T	Width									
D					ı	Т В 0 <u>.</u> 6	0	.60m	Stability:							
		С				<u>*</u>	Orientati	on		General Rem		. No visual or olf	actory evide	ence of contai	mination	
		J						ees from	Stable	observed. No	radiological rea	dings above bac upon completion	kground re			
								north				,				

		NS /SP	P						TRIAL F	PIT LO	G		Hole No.	TP14	13	
	150-182 M5 ephone:	The Q	-	00	Р	roject			Woodford	Aerodrom	е		Sheet	1 of	1	
Job No	7000)443	30		С	lient			Harrow E	states Plc			Date	30-07- 30-07-	14 14	
Contract	or / Dr	iller		N	/leth	od/Pla	nt Use	d	Logged By		Co-Ordin	ates (NGR)	Grou	ınd Level	(m AO	D)
H & 0	C Plan	t Hire	e Ltd			JO	CB 3CX	K	J. Wa	atson		389805.250 381757.340		85.7	770	
SAM	PLES	& TE	STS							STF	RATA					Install / Backfill
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen kN/m2)	Water	Elev. (mAOD)				Desc	cription			Legend	Geology	
0.10-0.20	ES	0				05.07	-ness) - (0.50)	MADE G medium a	ROUND: Brown sl angular of various	ightly clayey sl lithologies with	ightly gravelly rare brick.	SAND. Gravel i	s fine and		GMG	
0.50-0.60	ES	0	90			85.27	-	fine and r	strength brown m medium rounded to of grey fine and me TS)	o subrounded	of various litho	ologies with occa	asional			
1.00	D		70			84.17	(1.10)								GDU	
- - 1 2.00	D		40 30			83.57	- -(0.60) - - 2.20	Soft local medium i	lly firm low strengtl rounded and subro	h reddish brow ounded of varic	n slightly grav ous lithologies	elly CLAY. Gra . (GLACIAL DEF	evel is fine and		GDU	
							- - - - - - - - - - - - - - - -	Trial pit c	complete at 2.2m b	gl						
							Length		Shoring/Support:			Water S				
		– 2.8 <u>A</u>			→	3 0.6	Width	.80m	None Stability:	Date General Rem	Time	Strike	Minutes	Standing	Ren	marks
		С						rees from	Stable	Trial pit comp observed. No	lete at 2.2m bgl radiological rea	. No visual or olfactions above back upon completion.	ctory evidence or ground recorded	f contamina I. No Groun	tion dwater	

			WS	P						TRIAL F	PIT LO	G		Hole No	TP14	14	
		150-182 M5 ephone:	0 3SP	-	00		Project			Woodford	Aerodrom	e		Sheet	1 of	1	
	Job No	700	0443	30			Client			Harrow E	states Plc			Date	03-07- 03-07-		
	Contract	or / D		e Ltd		Meti	hod/Pla	int Use		Logged By	eston	E	ates (NGR) 389676.710 381769.740	Gro	und Level 85.3		DD)
	SAM	PLES	& TF	STS	 }						STR						Install /
	Depth	Туре	1		P.Pen (kN/m2)	Water	Elev. (mAOD					cription			Legend	Geology	Backfill
	0.00-0.40	ES					84.98	-ness) - -(0.40)	Hay over	dark brown silty fii	ne SAND with i	rootlets (TOP	SOIL)		1/2 1/1/2 1/1/2 1/2 1/2 1/2 1/2 1/2 1/2	TS	
	0.40-0.60	ES					04.90	-(0.20)	Light brov	vn fine and mediu	m SAND with o	occasional thir	n (<10mm) pea	t partings	<u> </u>	ALV	
	- - -						84.78		`	vnish grey fine and	d medium SAN	D (GLACIAL	DEPOSITS)				
	0.90-1.50 - - -	В						-(1.00) -								GDU	
2/14	- - -						83.78	-(0.40)	Light orar sandstone	nge brown fine gra e (GLACIAL DEPO	velly, SAND. G OSIT)	Gravel is round	ded fine and me	edium gravel c	o	GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED - 100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1.03.GDT 11/12/14	-							-	Trial Pit te	erminated at 2m b	gl						
- S90		•			•	•		Length		Shoring/Support:	5.		Water S		0, "		
OODFORD L	 		— 3 A			-		3 Width	.00m	None	Date	Time	Strike	Minutes	Standing	Rei	marks
NDARD W	D						B 1	1	.00m	Stability:	General Rem						
TP LOG STA			С						ees from north	Stable	No radiologica		lo visual or olfact e background re on.				
18 WS	s	cale 1:	25				II dimens dentifica		metres. Log	gs should be read	in accordance	with the provi	ded Key. Desc	riptions are ba	ised on visu	al and	

WSP		7	TRIAL PIT LOC		Hole	TP145
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:		Project	Woodford Aerodrome		She	eet 1 of 1
Job No 70004430		Client	Harrow Estates Plc		Dat	30-07-14 30-07-14
Contractor / Driller	Ме	thod/Plant Used	Logged By	Co-Ordinates (NGR)		Ground Level (m AOD)
H & C Plant Hire Ltd		JCB 3CX	J. Watson	E 389657.890 N 382547.240		90.510

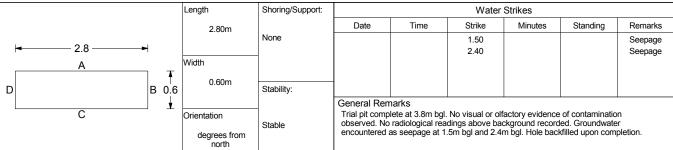
	LES						P			515	RATA				1	Inst Bac
Depth	Туре	PID (bpmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Des	cription			Legend	Geology	,
0.10-0.20	ES	0				90.26	(0.25)	Grass ov medium	rer dark brown sligh subangular of vario	ntly clayey slig ous lithologies	htly gravelly S (TOPSOIL)	AND. Gravel	s fine and	7 1/2 1/2	TS	
0.30-0.40	ES	0				90.26	-	Stiff high fine and DEPOSI	strength dark orar medium rounded a	nge brown sligl and subrounde	ntly sandy slig d of various lit	htly gravelly (hologies. (GL	CLAY. Gravel is ACIAL	0		
0.50	D		70				(0.75)	DEI OOI	10)					-0-	GDU	
			96				- -									
1.00-1.50	В					89.51	1.00	Orange l	orown medium SAN	ND. (GLACIAL	DEPOSITS)			-0		
	_						- - - -	o.ago			32 . 66.16,					
							(1.50) - - - - -								GDU	
						88.01	2.50	Trial pit o	complete at 2.5m b	gl						
							Length		Shoring/Support:			Water	Strikes			<u> </u>
 		- 2.8	: ——					80m	None	Date	Time	Strike	Minutes	Standing	Rer	mark
D		<u>A</u>				∓ B 0.6	Width 0	60m	Stability:	-						
		С				<u> </u>	Orientation degree	on ees from orth	Stable	observed. No	lete at 2.5m bal.	dings above ba	factory evidence o ckground recorde n.	f contamina d. No Grour	tion dwater	

				NS	P						TRIAL F	PIT LO	G		Hole	No. TP1 4	46	
		15 Teleph	0-182 M50 one: 0	3SP	•	400		Project			Woodford	Aerodrom	e		Shee	t 1 of	1	
	Job N		7000)443	30			Client			Harrow E	states Plc			Date	03-07- 03-07-	14 14	
	Contr	actor			e Lto		Met	hod/Pla	int Use		Logged By	eston	E	ates (NGR) 389722.540 381871.350)	Ground Level		DD)
	S/	AMPI	LES	& TE	STS	 S						STF	 RATA					Install /
	Dep				т —	1	Water	Elev. (mAOD				Desc	cription			Legend	Geology	Backfill
	- - -								-ness) - _(0.35)	Hay over	brown slightly clay	yey slightly san	dy SILT with r	ootlets (TOPS	SOIL)	1/2 1/2 1/2 1/2 1/2 1/2	TS	
	- 0.40 - 0.50-1. - - -	.00	ES B					85.52	(1.00)		r locally sandy CLA	AY (GLACIAL I	DEPOSITS)			X X X X X X X X X X X X X X X X X X X	GDU	
	1.40 1.50		ES D					84.52 84.27	_(0.25)	Firm brov		× × × × × × × × × × × × × × × × × × ×	GDU					
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED - 100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1.03.GDT 11/12/14	- - - - - - - - - - - - - - - - - - -							83.87	-(0.40)	Trial Pit to			GDU					
) - S9C					-				Length		Shoring/Support:			Water		<u>'</u>		
IRD WOODFORD LC	D	→ 3 — A						Т В 1	Width	.00m	None Stability:	Date	Time	Strike	Minutes	Standing	Rei	marks
TP LOG STANDA				С				<u>↓</u>		rees from	Stable	No radiologica	lete at 2m bgl. N	e background re		e of contamination		
08 WSP		Sca	le 1:2	25				II dimens dentifica		metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	criptions are	e based on visu	ual and	

	Quays P 886 2400 130 	Meth	Elev. (mAOD) 86.62	Depth (Thick -ness) (0.40) - 0.80 - (0.40) -	MADE GR rootlets. (MADE GR sandstone 0.60 m bg Brown ora subangula	l; 200mm diamete inge slightly grave ar to subrounded o	states Plc sington STRA Descr er brown slightly ghtly clayey slig er concrete boul lly fine and med of various litholo	Co-Ordinate E 38 N 38 ATA ATA iption y gravelly fine a htly gravelly SA der lium SAND. Gragies. (GLACIAL	and medium AND of brick	SAND with ceramic and coarse	e 04-0 04-0 Ground Level 8 Legel th	8-14 8-14	Insta Back
Oriller Int Hire L S & TES' Q (Audd)	re Ltd	Meth	Elev. (mAOD)	Depth (Thick -ness) (0.40) - 0.80 - (0.40) -	MADE GR rootlets. (MADE GR sandstone 0.60 m bg Brown ora subangula	Logged By J Kinch ROUND: Grass over TOPSOIL). ROUND: Brown slie I; 200mm diameter ange slightly grave ar to subrounded of	Descr er brown slightly ghtly clayey slig er concrete boul	E 38 N 38 ATA iption y gravelly fine a thtly gravelly SA der lium SAND. Gragies. (GLACIAL	and medium AND of brick	SAND with ceramic and course	04-0 04-0 Ground Lev 8 Lege th	8-14 vel (m A 7.020 GM GM GDI	Insta Back
S & TES' G (A (A (A) A) SH	re Ltd		Elev. (mAOD) 86.62	Depth (Thick -ness) (0.40) - 0.80 - (0.40) -	MADE GR rootlets. (MADE GR sandstone 0.60 m bg Brown ora subangula	J Kinch ROUND: Grass over TOPSOIL). ROUND: Brown slie It; 200mm diamete	STRA Descr er brown slightly ghtly clayey slig er concrete boul lly fine and mec of various litholo	E 38 N 38 ATA iption y gravelly fine a thtly gravelly SA der lium SAND. Gragies. (GLACIAL	and medium AND of brick	SAND with ceramic and coarse	Ground Leve 8	GMU GDI	Insta Back
S & TES G led ()(mdd))	ESTS	Water	Elev. (mAOD) 86.62	Depth (Thick -ness)(0.40) - 0.40(0.40)(0.40)(0.40)	MADE GR rootlets. (MADE GR sandstone 0.60 m bg Brown ora subangula	ROUND: Grass over TOPSOIL). ROUND: Brown slipe and the substitution of the substituti	STRA Descr er brown slightly ghtly clayey slig er concrete boul lly fine and mec of various litholo	N 38 ATA iption y gravelly fine a httly gravelly SA der lium SAND. Gra gies. (GLACIAL	and medium AND of brick	ceramic :	Lege	GM4	G G G
Old (Amdq)		Water	86.62 86.22	(Thick -ness) - (0.40) - (0.40) - (0.40) - (0.40) - (0.40)	MADE GR sandstone 0.60 m bg Brown ora subangula	ROUND: Brown slipe I; 200mm diamete Inge slightly grave ar to subrounded o	Descrier brown slightly ghtly clayey slightly clayey slightly concrete bould lity fine and mediators of various lithological street in the street bound in the street	iption y gravelly fine a htly gravelly SA der lium SAND. Gra gles. (GLACIAL	AND of brick avel is fine to L DEPOSITS	ceramic :	and	GM ¹	G G G
	(KN/m2)	Water	86.62 86.22	(Thick -ness) - (0.40) - (0.40) - (0.40) - (0.40) - (0.40)	MADE GR sandstone 0.60 m bg Brown ora subangula	ROUND: Brown slipe I; 200mm diamete Inge slightly grave ar to subrounded o	er brown slightly ghtly clayey slig er concrete boul lly fine and med of various litholo	y gravelly fine a httly gravelly SA der lium SAND. Gra gies. (GLACIAL	AND of brick avel is fine to L DEPOSITS	ceramic :	and	GM ¹	G G G G G G G G G G G G G G G G G G G
			86.62	-ness) - (0.40) - (0.40) - (0.40) - (0.40) - (0.40)	MADE GR sandstone 0.60 m bg Brown ora subangula	ROUND: Brown slipe I; 200mm diamete Inge slightly grave ar to subrounded o	ghtly clayey slig er concrete boul lly fine and med of various litholo	htly gravelly SA der lium SAND. Gra gies. (GLACIAL	AND of brick avel is fine to L DEPOSITS	ceramic :	and	GM4	G 6000
		-	86.22	- -(0.40) - 0.80 - -(0.40)	o.60 m bg Brown ora subangula	e il; 200mm diamete ange slightly grave ar to subrounded c	er concrete boul	der lium SAND. Gra gies. (GLACIAL	avel is fine to	o coarse		GDI	
				- (0.40)	subangula	ar to subrounded o	of various litholo	gies. (GLACIAL	L DEPOSITS	o coarse §)		GDI	
		-	85.82	- 1.20 - - - -	Grey beco	oming brown claye	ry fine SAND. (0	GLACIAL DEPC	OSITS)		F . 1	2	
												GDI	
-3-A	Α		B 1 <u>↓</u>	3. Width	.00m	Stability:	Trial pit comple	te at 3.20m bgl. N	Strike	Minutes	dence of contar	nination	Remarks
		A	A C	3	B 1 Width C Orientati	Length 3.00m B 1 Width 1.00m	Trial pit complete at 3.20m Trial pit complete at 3.20m Shoring/Support: None Width 1.00m Stability: Orientation degrees from	Trial pit complete at 3.20m bgl. Length 3.00m Shoring/Support: Date None Width 1.00m Stability: General Rema Trial pit complete at 3.20m bgl. Orientation degrees from Stable	Trial pit complete at 3.20m bgl. C	Trial pit complete at 3.20m bgl. Length 3.00m Shoring/Support: Date Time Strike Date Time Strike Orientation Orientation degrees from Stable Stable Shoring/Support: Date Time Strike Final pit complete at 3.20m bgl. No visual or off observed. No radiological readings above backencountered. Hole backfilled upon completion.	Trial pit complete at 3.20m bgl. Length 3.00m Shoring/Support: None Date Time Strike Minutes Date Minutes Date Time Strike Minutes Corientation Gegrees from north Stabile Stable Stable Stable Orientation Hole backfilled upon completion.	Trial pit complete at 3.20m bgl. Length 3.00m None Shoring/Support: None Date Time Strike Minutes Standin Standin Orientation degrees from north Stable Stable Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on v	Trial pit complete at 3.20m bgl. C

WSP		7	TRIAL PIT LOC		Hole	e No. TP148
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:		Project	Woodford Aerodrome		She	eet 1 of 1
Job No 70004430		Client	Harrow Estates Plc		Dat	te 31-07-14 31-07-14
Contractor / Driller	Me	thod/Plant Used	Logged By	Co-Ordinates (NGR)		Ground Level (m AOD)
H & C Plant Hire Ltd		JCB 3CX	J. Watson	E 389803.270 N 382658.590		89.970

SAMP	LES	& TE	STS	;						STI	RATA					Insta Back
Depth	Туре	(Amdd)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)				Des	cription			Legend	Geology	
0.10-0.20	ES	0				89.67	(0.30) - 0.30		ROUND: Grass ov ium subangular of						GMG	
0.40-0.50 0.50	ES D	0	42 40 52		1	89.07	- (1.20) 	PROBAE grey sligh lithologie	BLE MADE GROUI tity sandy slightly g s.	ND: Firm med gravelly CLAY	ium strength I Gravel is fine	ight orange br	own mottled inded of various	XX	CMG	
					<u>*</u>	88.47 88.27	-(0.20)		c redish brown mot				•		GDU	
_ 2.00	D		110			88.17	1.80	rounded Stiff high	ne and medium with occasional um rounded of		GDU					
			120		<u>2</u>		(1.10)			0	GDU					
2.80	D ES					87.07	(0.50)	Orange b	orown slightly claye	POSITS)		GDU				
	86.57 3.40 Trial pit complete at 3.8m bgl														DU	
			•	•	•		Length		Shoring/Support:			Water	Strikes			•
2.80m None Date Time Strike Minutes 1.50 2.40 Midth												Minutes	Standing	Se	marks epage epage	
D		С				B 0.6 <u>▼</u>	Orientati degr	on ees from	Stability:	observed. No	olete at 3.8m bg o radiological rea	adings above ba	factory evidence of lockground recorded. m bgl. Hole backfille	Groundwa	ater	
Sca	ıle 1:2	5				Il dimens dentificat		metres. Lo	gs should be read	in accordance	with the prov	ided Key. Des	criptions are base	ed on visu	ual and	



WSP		-	TRIAL PIT LOC	3	Hole	TP149
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:		Project	Woodford Aerodrome		She	eet 1 of 1
Job No 70004430		Client	Harrow Estates Plc		Dat	04-08-14 04-08-14
Contractor / Driller	Me	thod/Plant Used	Logged By	Co-Ordinates (NGR)		Ground Level (m AOD)
H & C Plant Hire Ltd		JCB 3CX	J Kinchington	E 389804.620 N 381887.470		85.770

SAMF	1			_	_	_	Depth				RATA					Bad
Depth	Туре	PID (ppmV	HSV (kN/m2	P.Pen (kN/m2)	Water	Elev. (mAOD)				Des	cription			Legend	Geology	/
).10	ES	0					(0.50)	Grass ov coarse ro	er dark brown slig unded to subangu	htly gravelly fir ular of various	ne SAND with lithologies (TC	rootlets. Grav PSOIL)	el is fine to	12 14 12 14 14 14 14 14 14 14 14 14 14 14 14 14	TS	STATE STATES
).50	ES	0				85.27	0.50	Stiff high gravel of	strength orange b subangular coal.	orown mottled ((GLACIAL DEF	grey sandy CL POSITS)	AY with medi	um and coarse	-0-		
			100			84.57	(0.70)								GDU	
1.50	D					84.57		Firm med	lium strength redo	lish brown sligl	htly sandy CLA	AY. (GLACIAL	DEPOSITS)			
			50				(2.10)								GDU	
3.00	D		48			82.47	- - - 3.30	Trial pit te	erminated at 3.30r	n bgl.						
							-									
							Length		Shoring/Support:		1		Strikes			
-		— 3 A			→	T	Width	.00m	None	Date	Time	Strike	Minutes	Standing	Re	mark
D		С				B 1 <u>▼</u>	Orientation degre	on ees from	Stability:	General Rer Trial pit comp observed. No encountered.		gl. No visual or adings above ba	olfactory evidenc lickground record n.	e of contamin ed. Groundwa	ation ater not	

			NS	P						TRIAL F	PIT LO	G		Hole N	No. TP1	50	
		0-182 M5 none:	3SP	-	100		Project			Woodford	Aerodrome	e		Sheet	1 of	1	
Job		7000)443	30			Client			Harrow E	states Plc			Date	03-07- 03-07-	14 14	
	tracto			e Ltd		Met	hod/Pla	nt Use		Logged By	eston	E	ates (NGR) 389971.550 382218.090		round Level 84.9		DD)
	SAMP	LES	& TE	STS	3						STR	ATA					Install /
D	epth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)				Desc	ription			Legend	Geology	
							84.70	-ness) -(0.20) 0.20		ROUND: Hay over	brown slightly	sandy SILT (TOPSOIL)			TS	
							84.50	-(0.20)	MADE GI	ROUND: Reinforce						CONC	
0.50		ES					83.80	(0.70)	MADE Gi boulders	ROUND: Brown ar of subangular fine	nd grey sandy (to coarse cond	GRAVEL and crete and rare	occasional co clinker	bbles and		GMG	
1.20		ES					83.50	(0.30)	MADE GI fragments	ROUND: Dark gre	y CLAY with po	essible black s	staining and ra	re brick		GMG	
03.GDT 11/12/14 1.20 1.80 1.80		ES D					00.00	(0.90)	Boulder n	slightly sandy CL. oted (500x300x30	AY with light gr 00mm). (GLACI	ey silty mediu AL DEPOSIT	ım and coarse 'S)	sand parting	gs	GDU	
		D					82.60	-(0.20)		ty fine SAND (GLA	ACIAL DEPOSI	TS)				GDU	
E VERSION.GPJ WSPETEM 		D						-(1.20)	Firm loca	lly stiff brown sand	ly CLAY (GLAC	CIAL DEPOSI	TS)			GDU	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED - 100914 - UP TO DATE VERSION.GPJ WSPETEMPLATE1																	
- COM								10000		Charina / Comment	I		1A	Obella			
WOODFORD LOGS			— 3 A			-	ł]_ 	Width	.00m	Shoring/Support: None	Date	Time	Water Strike	Strikes Minutes	Standing	Re	marks
TP LOG STANDARE			С				B 1 <u>↓</u>	Orientati degr		Stability: Stable	observed. No	ete at 3.70m bg radiological rea	gl. No visual or o dings above bad upon completion	kground reco			
08 WSP	Sca	ale 1:2	25				II dimens dentifica		metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	criptions are	based on visu	ial and	

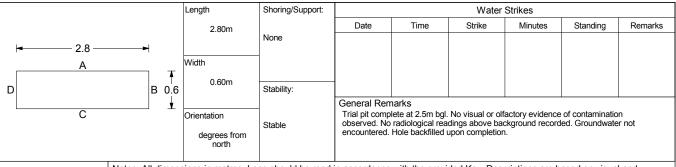
	 		P						TRIAL I	PIT LO	G		Hole		Γ Ρ 1	51	
	150-182 M5 phone:	0 3SP	,	100		Project			Woodford	Aerodrom	e		Shee	ŧt	1 of	1	
Job No	700	0443	30			Client			Harrow E	states Plc			Date	(04-08- 04-08-		
Contract	or / Dr	iller			Met	hod/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)		Groun	d Level	(m AC	D)
Н & С) Plan	t Hire	e Ltd			JC	CB 3CX	X	J Kincl	hington		389298.030 381722.300			90.2	260	
SAM	PLES	& TE	STS	3						STR	RATA		l .				Install Backfil
Depth	Туре	Old (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Desc	cription				Legend	Geology	
0.10	ES						-(0.40)	PROBAB rootlets. ((TOPSOI	LE MADE GROU Gravel is fine to co L).	ND: Long grass parse subangul	s over brown : ar to rounded	slightly gravelly of various litho	/ SAND wit blogies	h		GMG	
0.40	ES					89.86		PROBAB	LE MADE GROU	ND: Loose ora	nge brown slig ar of various li	ghtly gravelly S thologies.	AND. Grav	el is		OMO.	
-						89.56	0.70	PROBAB	LE MADE GROU							GMG	
-			50				(0.60)	slightly sa lithologies	andy CLAY. Grave	el is fine to coar	se angular to	subrounded of	f various			CMG	
1.20	ES	0				88.96	1.30	Stiff high	gl; black staining - strength brown ar ounded to subang	el is fine and	d						
-1.40	ES	0	104				-										
- - - - -							(1.70)									SUPD	
						87.26	3.00										
3.0 D D D D D D D D D D D D D D D D D D D	D						- - -	Trial pit c	omplete at 3.00m	bgl.							
-							Length		Shoring/Support	T		Water	Strikoo				
							Length 3	3.00m	Shoring/Support: None	Date	Time	Water Strike	Minutes	8	Standing	Rei	marks
		— 3 A			>		Width										
D D						B 1	1	.00m	Stability:	General Rem							
		С				J <u>*</u> .		rees from	Stable	Black staining a ecorded. No gro					d		
So	cale 1:2	25				II dimens dentificat		metres. Log	gs should be read	in accordance	with the provi	ded Key. Desc	criptions are	e based	d on vist	ual and	

Harrow Estates PIC O1-08-14 01-08-14 Contractor / Driller H & C Plant Hire Ltd JCB 3CX Logged By JKinchington STRATA Inst. Bac Depth Type Q		 		P						TRIAL F	PIT LO	G		Hole N	TP'	152	
Contractor / Driller		50-182 M50 hone: 0	The Q 0 3SP 0161 8	•	400		Project			Woodford	Aerodrom	e		Sheet		f 1	
H & C Plant Hire Ltd JCB 3CX J Kinchington STRATA Depon Type 2 8 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Job No			30			Client			Harrow E	states Plc			Date			
SAMPLES & TESTS Depth Type R 3 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P 2 P	Contracto	or / Dr	iller			Met	hod/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)	G	round Lev	el (m A	OD)
Depth Type 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	H & C	Plan	t Hire	e Ltd			JO	CB 3CX	<	J Kinch	nington				8:	2.200	
Depth Type Q S S S S S S S S S S S S S S S S S S	SAMF	PLES	& TE	STS	3						STR	ATA					Install Backfi
82.10 Sc.10	Depth	Туре	PID (ppmV)	HSV kN/m2)	P.Pen kN/m2)	Water	Elev. (mAOD)	(Thick			Desc	cription			Legei	nd Geolog	
0.50 ES 3 Solid Color State Solid Color State Solid Color S							82.10									TARMA	
MADE_GROUND: Black sandy ashly fine to coarse angular to subrounded GRAVEL MADE_GROUND: Black sandy ashly fine to coarse angular to subrounded GRAVEL Os80	-						81.90		angular to	subrounded GRA	orown and occa AVEL of brick a	asionally yello and various litl	w sandy fine to hologies with ar	coarse ver gular cobb	y les	GMG	
Soft dark grey sandy CLAY with relict organic matter. (GLACIAL DEPOSITS) 80.80 1.40 Light brown and grey fine and medium SAND. (GLACIAL DEPOSITS) 1.50 B S 1.60 ES 79.40 2.80 79.40 2.80 Trial pit terminated at 2.80m bgl due to instability Trial pit terminated at 2.80m bgl due to instability Date Time Strike Minutes Standing Remarks None None 1.40 Dientation organic matter. (GLACIAL DEPOSITS) General Remarks Trial pit terminated at 2.80m bgl due to instability General Remarks Trial pit terminated at 2.80m bgl due to instability General Remarks Trial pit terminated at 2.80m bgl due to instability General Remarks Trial pit torongeles at 2.80m bgl. Unidentified odour 0.3-0.8m bgl. No radiological readings above background recorded. Groundwater encountered at 1.40m bgl. Hole background recorded at 1.4	- - - -	ES	3					(0.50)	MADE GI	ROUND: Black sai		o coarse angu	ılar to subround	ed GRAVE	iL V	GMG	
Length 3.00m Shoring/Support Water Strikes Date Time Strike Minutes Standing Remarks C C C C C C C C C	- - - -	ES	3	20		•		-	Soft dark	grey sandy CLAY	with relict orga	nic matter. (C	GLACIAL DEPO	SITS)		ALV	
Trial pit terminated at 2.80m bgl due to instability Length 3.00m None Length 3.00m None Stability: Orientation degrees from degr	1.40 1.50 1.60 	В				\ _	80.60	-	Light brow	wn and grey fine ar	nd medium SA	ND. (GLACIA	L DEPOSITS)			ALV	
3.00m None Date Time Strike Minutes Standing Remarks None 1.40 Date Time Strike Minutes Standing Remarks 1.40 C C C C Stability: General Remarks Trial pit complete at 2.80m bgl. Unidentified odour 0.3-0.8m bgl. No radiological readings above background recorded. Groundwater encountered at 1.40m bgl. Hole backfilled upon completion.	- - - - - - -						79.40	2.80 - - - - - - -	Trial pit te	erminated at 2.80n	n bgl due to ins	stability					
A D Stability: C Orientation degrees from degrees degree					·			Length		Shoring/Support:	-	-				. -	
Running sand degrees from degrees from Running sand degrees from causing instability	D		A			_	B 1	Width 1	.00m		General Rem	narks	1.40				emarks
Scale 1:25 Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and								degr r	ees from north		readings abov backfilled upo	re background r n completion.	ecorded. Ground	vater encour	ntered at 1.40	m bgl. Hol	e

	 	NS /SP	P						TRIAL F	PIT LO	G		Hole No	TP1	55	
	phone:	0 3SP	•	00		Project			Woodford	Aerodrom	е		Sheet	1 of	1	
Job No	7000)44	30		•	Client			Harrow E	states Plc			Date	30-07- 30-07-	·14 ·14	
Contract	or / Dr	iller			Meth	nod/Pla	nt Us	ed	Logged By			ates (NGR)	Gro	ound Level	l (m AC	DD)
H & 0	C Plan	t Hire	e Ltd			J	CB 3C	×	J. Wa	atson		389466.340 382505.150		90.0	050	
SAM	PLES	1	1	1			Don	ih		STR	RATA					Install / Backfill
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depi			Desc	cription			Legend	Geology	,
0.10-0.20	ES	0				89.80	(0.25	MADE GI Gravel is	ROUND: Grass ov fine and medium	rer dark brown subangular of v	slightly clayey various litholo	slightly gravelly gies (TOPSOIL)	SAND.		MG	
-						09.00	(0.35	MADE GI GRAVEL	ROUND: Light bro of various litholog	wn slightly clay ies including lii	ey sandy fine mestone.	and medium ang	ular		GMG	
0.00.0.70						89.45	0.6					Palati a a de al Pal				
0.60-0.70	ES	0	110 90				- - -	CLAY. G	strength orange b avel is fine and m	rown mottled g edium of varior	reenish grey : us lithologies.	slightly sandy slig (GLACIAL DEPC	ntly gravelly OSITS)	y		
1.00-1.10	D		90				-									
-							-(1.60)								GDU	
1.50-1.70 -1.50-1.60	B D		110				-									
			90				-							0		
2.00-2.20	D		00													
			80			87.85	2.2		omplete at 2.2m b	gl						
							-									
 - -							-									
<u> </u>							-									
_							_									
: 							_									
<u> </u>							Longth		Shoring/Support:	ı		Matau Chi	lina			
							Length	2.80m		Date	Time	Water Strike	Minutes	Standing	Re	marks
<u> </u>		- 2.8			-		Width		None							
		A				■ T B 0.6		0.60m	Stability:							
		С				₩.	Orienta de	ation grees from north	Stability.	observed, No	lete at 2.2m bgl radiological rea	. No visual or olfactr dings above backgr upon completion.	ory evidence ound record	of contamina ed. Groundwa	ition ater not	

	 	NS	P					-	TRIAL PIT	LO	 3	Hole	e No.	ΓΡ1 <i>ŧ</i>	56	
	50-182 M5 ohone:	0 3SP	-	100		Project			Woodford Aerod	drome	,	She	eet	1 of	1	
Job No	7000	0443	30			Client			Harrow Estates	s Plc		Dat		30-07- 30-07-		
Contracto	or / Dr	iller			Ме	thod/Pla	nt Use	d	Logged By		Co-Ordinates (NGR)		Groun	d Level	(m AO	D)
H & C	Plan	t Hire	e Ltd			J(CB 3C>	(J. Watson		E 389577.650 N 382560.620			91.6	310	
SAMF	PLES	& TE	STS	3						STRA	ATA					Install / Backfill
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen	Water	Elev. (mAOD)	Depth (Thick -ness)			Descr	iption			Legend	Geology	Daokiii
-							- (0.00)				lightly clayey slightly gravelly Sarious lithologies (TOPSOIL)	AND.				

PLES	& TE	STS							STF	RATA				1	Inst Bac
Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	(Thick			Des	cription			Legend	Geology	,
						(0.30)	MADE G Gravel is	ROUND: Grass ov fine and medium s	er dark brown subangular of	slightly clayey various litholo	/ slightly grave gies (TOPSO	elly SAND. L)		TS	
B ES	0				91.31		MADE G with brok concrete	ROUND: Light bro en and whole brick	wn sandy fine	to coarse ang rebar wire and	ular GRAVEL cobbles and	of limestone boulders of		GMG	
					90.76	0.85									反
D ES	0	60				-	Firm med	dium strength dark	bluish grey sa	andy organic C	LAY. (RELIC	Γ TOPSOIL)		SUPD	
B ES	0	70			96.6	-	gravelly (CLAY. Gravel is fin	ength orange e and mediun	brown mottled n rounded of v	grey slightly s arious litholog	sandy slightly ies. (GLACIAL			
		110				(1.50)	1.80 m b	gl; Dark reddish br	own					GDU	
D		100				-									
		90											0		
		30			90.11	2.50							-0		
						- - - - - - - - -									
1						Length		Shoring/Support:			Water	Strikes			
		ı ——					.80m	None	Date	Time	Strike	Minutes	Standing	Rer	mark
	A				T		.60m	Stability:							
	С				<u>*</u>	degr		Stable	Trial pit comp observed. No	olete at 2.5m bgl o radiological rea	dings above ba	ckground recorde	of contamina d. Groundwa	tion ater not	
	B ES D ES B ES	Type O O O O O O O O O O O O O O O O O O O	Type G(Audy) A(Audy)	BS 0 60 BS 0 70 1110 D 1000 D	Type G (NM) (NM)	Type Carrow Carro	Type	Type	Type	Type Q Q Q Q Q Q Q Q Q	Type Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	Elev. Common Description Description	Page Page	Description Description	Description Description



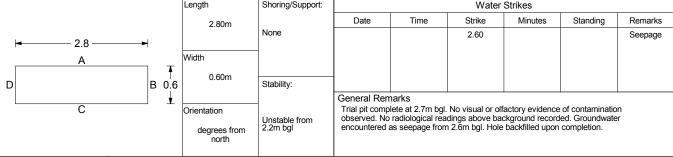
WSP		TRIAL PIT LO	G	TP157
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:	Project	Woodford Aerodrom	е	Sheet 1 of 1
Job No 70004430	Client	Harrow Estates Plc		30-07-14 30-07-14
Contractor / Driller	Method/Plant Used	Logged By	Co-Ordinates (NGR)	Ground Level (m AOD)
H & C Plant Hire Ltd	JCB 3CX	J. Watson	E 389554.180 N 382491.280	91.780

	LES						I D "			SII	RATA					Insta Bac
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)				cription			Legend	Geology	
0.10-0.20	ES	0				91.53	(0.25)	medium	ver dark brown sligl subangular of vario	ntly clayey slig ous lithologies	htly gravelly S (TOPSOIL)	AND. Gravel i	is fine and	1/ 2/1/ 2/1/2 1/1/	TS	
0.40-0.50	ES	0	32			91.55		Soft low occasion	strength brown mo lal pockets of grey to subrounded of v	fine and medi	um sand. Gra	vel is fine and	medium			
1.00	D		36				(2.45)	1.50 m h		um atraneth					GDU	
1.50 1.50	BD		56				- - - - -	1.50 m b	gl; becoming medi	um strength						
2.50	D		56			89.08	2.70									Z252
							-	Trial pit o	complete at 2.7m b	gl						
							_									
							Length		Shoring/Support:		_		Strikes		T -	
 		– 2.8 <u>A</u>	l —		→		2 Width	.80m	None	Date	Time	Strike	Minutes	Standing	Rer	mark
D		С				B 0.6 <u>↓</u>	0 Orientati	.60m on	Stability:	General Rer	olete at 2.7m hal	. No visual or ol	factory evidence	e of contamina	tion	

	V	NS /SP	P						TRIAL F	PIT LO	G		Hole N	TP1	58	
	50-182 M50 hone: 0	The C	•	100		Project			Woodford	Aerodrom	e		Sheet	1 of	1	
Job No	7000	0443	30			Client			Harrow E	states Plc			Date	31-07 31-07		
Contracto	r / Dri	iller			Met	hod/Pla	nt Use	d	Logged By		Co-Ordina	ates (NGR)	G	round Leve	el (m AC)D)
H & C	Plant	t Hire	e Ltd			JC	CB 3C	K	J. Wa	atson		389787.780 382586.820		90	300	
SAMP	LES	& TE	STS	3						STR	ATA					Install Backfil
Depth	Туре	PID ppmV)	HSV (N/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick			Desc	cription			Legeno	Geology	
0.10-0.20	ES ES	0	=)		90.00	(0.30)	CLAY wit	ROUND: Grass of hoccasional bould s. (TOPSOIL)	ver stiff mediur ders of concret	n strength bro e. Gravel is fir	wn sandy sligh ne and medium	tly gravelly of various		TS	
- - - 0.50-1.00 -0.50-0.60	B ES	0	110			90.00	-(0.80)	Firm high fine and r	strength orange benedium of various	orown mottled of lithologies. (G	grey sandy sli LACIAL DEPO	ghtly gravelly (OSITS)	CLAY. Grave	el is	GDU	
1.00-1.10	D B					89.20	1.10		rowm medium SA	ND. (GLACIAL	DEPOSITS)					
							- - -(1.40)								GDU	
						87.80	2.50	Trial pit c	omplete at 2.5m b	gl						
Scale Control of the							-									
8							Length		Shoring/Support:			Water S	Strikes			
		– 2.8 A	3 —		-	B 0.6	Width	.80m	None Stability:	Date	Time	Strike	Minutes	Standing	Re	marks
		С				<u> </u>		rees from	Stable Stable	observed. No	lete at 2.5m bgl. radiological rea	No visual or olfa dings above bac upon completion.	kground recor			
Sca	ale 1:2	25				II dimens dentificat		metres. Log	gs should be read	I in accordance	with the provi	ded Key. Desc	riptions are	based on vis	ual and	

WSP		TRIAL PIT L	OG	TP159
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:	Project	Woodford Aerodro	ome	Sheet 1 of 1
Job No 70004430	Client	Harrow Estates F	Plc	Date 30-07-14 30-07-14
Contractor / Driller	Method/Plant Used	Logged By	Co-Ordinates (NGR)	Ground Level (m AOD)
H & C Plant Hire Ltd	JCB 3CX	J. Watson	E 389493.840 N 382452.390	89.360

SAMF	PLES	& TE	STS							STI	RATA					Insta Bac
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Des	cription			Legend	Geology	,
0.00-0.30 0.10-0.20	ES ES	0					-ness) -	MADE G	ROUND: Grass ov medium of various	er stiff brown lithologies (To	very sandy sli OPSOIL)	ghtly gravelly (CLAY. Gravel is	11/2 11/2		
0.30-0.50	ES	0					(0.60)							1/2 1/2	TS	
						88.76	0.60							\(\frac{\lambda I_j}{\lambda} \) \(\frac{\lambda I_j}{\lambda} \) \(\frac{\lambda I_j}{\lambda} \)		
0.60-0.70 0.60-0.70	B ES		26				-	Soft low DEPOSI	strength brown sar TS)	ndy CLAY with	pockets of fir	e to coarse sa	and. (GLACIAL			
1.00-1.10	D		24				-									
1.00-1.10							-									
							-(1.60)								GDU	
							-									
						07.40	2.00									
2.20-2.50	В					87.16	2.20	Orange l	prown clayey grave thologies. (GLACI	lly medium ar AL DEPOSITS	nd coarse SAN	ID. Gravel is fi	ne angular of			
					±		(0.50)								GDU	
					-	86.66	2.70	Trial pit o	complete at 2.7m b	gl						St
							-									
							-									
							-									
	<u> </u>	ı					Length		Shoring/Support:			Water	Strikes			
 ■		- 2.8	.		-		2.	80m	None	Date	Time	Strike 2.60	Minutes	Standing		mark epage
		Α				T	Width 0	60m	Ctobility :	-						
D		С				B 0.6 <u>▼</u>	Orientati	on	Stability:	General Rer	olete at 2.7m bal	. No visual or of	factory evidence of	of contamina	ition	
							degr r	ees from orth	Unstable from 2.2m bgl	encountered	as seepage fror	n 2.6m bgl. Hole	ckground recorde backfilled upon o	a. Groundwa completion.	alti	
	ale 1:2			Note	s. Al	l dimens	ions in i	metres I o	gs should be read	in accordance	with the prov	ided Key Des	crintions are ha	ead on vie	ıal and	



			W		P						TRIAL F	PIT LO	G		Hole No	TP10	60	
	T€	150-1 elephon	WSF 82 The M50 38 e: 016 Fax:	e Qua SP 31 88	•	00	ī	Project			Woodford .	Aerodrome	e		Sheet	1 of	1	
	Job No		004	430	0		(Client			Harrow E	states Plc			Date	05-08- 05-08-		
	Contrac	ctor /			Ltd		Meth	nod/Pla	nt Use		Logged By J Kinch	nington	E	ates (NGR) 389655.680 382425.810		ound Level		D)
	SAI	MPLE	S &	TES	STS	;						STR						Install /
	Depth					P.Pen (kN/m2)	Water	Elev. (mAOD)				Desc	ription			Legend	Geology	Backfill
	-							89.16	-ness) -(0.20) 0.20	subangul	ROUND: Crops ov ar cobbles. Gravel	is fine to coars	ly gravelly fine se angular to	e SAND with o rounded of var	ccaional ious lithologie	es.	GMG	
	0.20	E	S					88.96	-(0.20) 0.40	Soft dark	grey brown organi	ic CLAY					ALV	
08 WSP TP LOG STANDARD WOODFORD LOGS - COMBINED -100914 - UP TO DATE VERSION.GPU WSPETEMPLATE1.03.GDT 11/12/14								87.56	1.80	subangul	erminated at 1.80m	arious lithologie	s (GLACIAL I	s fine and mec	lium		GDU	
- S90-									Length		Shoring/Support:	Date	Time	Water Strike		Standing	Der	marke
ARD WOODFORD L	D D			3 - A				Т В 1	Width	.00m	None Stability:	Date	Time	Strike	Minutes	Standing	Rer	marks
TP LOG STANDA				С				±		rees from	Unstable from 0.60m bgl.	contamination	ete at 1.80m bg observed. No r	ıl. Sides unstable adiological readi d. Hole backfilled	ngs above bac	kground recor		
08 WSF		Scale	1:25					dimens lentifica		metres. Lo	gs should be read	in accordance	with the provi	ded Key. Desc	riptions are b	ased on visu	ual and	

WSP			TRIAL PIT LO	G	Hol	e No. TP161
150-182 The Quays M50 3SP Telephone: 0161 886 2400 Fax:		Project	Woodford Aerodrom	e	She	eet 1 of 1
Job No 70004430		Client	Harrow Estates Plc		Da	te 01-08-14 01-08-14
Contractor / Driller	Met	thod/Plant Used	Logged By	Co-Ordinates (NGR)		Ground Level (m AOD)
H & C Plant Hire Ltd		JCB 3CX	J Kinchington	E 389833.540 N 382485.830		88.190

SAMP	LES	& TE	ST	S			I 5 "			STF	RATA					Insta Back
Depth	Туре	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (mAOD)	Depth (Thick -ness)			Des	cription			Legend	Geology	,
0.10	ES	0					-(0.40)	Long gra	ess over brown slight well rounded to sub-	htly gravelly fir angular of vari	ne SAND with ous lithologies	rootlets. Grav (TOPSOIL)	el is fine to	7 7 17 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TS	
						87.79	0.40							1/2 \ 1/2 \ \		
0.40	ES	0					-	Orange r DEPOSI	reddish brown occa TS)	asionally yellov	v fine and med	lium SAND. ((GLACIAL			
- 1.00	В						-(1.20) - - - -	1.00 m b	gl; trial pit collapse						GDU	2020202020
					1	86.59	1.60		brown slightly silty	fine SAND (C	SLACIAL DEP	OSITS)		×		8
-					<u>*</u>	85.79	- -(0.80) - - - 2.40			· ·		·			GDU	
							- - - - - - - - - -	Thai pit t	erminated at 2.40n	n bgi due to in	stability					
							Length		Shoring/Support:		1		Strikes			
 		— 3 A			→		3 Width	.00m	None	Date	Time	Strike 1.70	Minutes	Standing	Rei	mark
D						B 1	1	.00m	Stability:							
		С				<u>*</u>	Orientati degr r	on ees from north	Unstable from 1.00m bgl	observed. No	olete at 2.40m bo	dings above ba	olfactory evidenc ckground record on completion.	e of contamin ed. Groundwa	ation ater	
Sca	ale 1:2	.5		Note	es: Al nual id	l dimens dentificat	ions in i	metres. Lo	gs should be read	in accordance	with the provi	ded Key. Des	criptions are b	ased on visu	ual and	