













SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389907.74 N - 381699.12	GROUND ELEVATION (mAOD) 84.546	HOLE DEPTH (m) 30.00	Sheet 3 of 3	BOREHOLE BHR06
METHOD	CASING	DATE 23/01/2012	LOGGED BY AW	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA						
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION	LEGEND	WATER	BACKFILL
				20.50			Firm grey brown clayey sandy SILT with subrounded to subangular gravel.			
21.00	0.00	D				21	Stiff brown sandy slightly silty CLAY with subrounded to subangular gravel and occasional cobbles.			
				63						
					(2.70)	22				
22.00	0.00	D		62						
						23				
23.00	0.00	D		61		23.20	Red brown SAND with subangular to subrounded gravel of sandstone [Weathered Sandstone]			
23.50	0.00	D				24				
					(1.30)					
24.50	0.00	D		60		24.50	Red brown SANDSTONE [Sherwood Sandstone].			
						25				
				59						
						26				
				58						
						27				
				57		(5.50)				
						28				
				56						
						29				
				55						
						30.00	End of Borehole at 30.00 m			








GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS  Material logged in general accordance with BS EN ISO 14688	KEY B - Bulk disturbed sample D - Disturbed samples (plastic tub) G - Disturbed sample (glass jar) DG - Disturbed sample (tub and jar) U - Undisturbed U100 sample W - Water sample S - Standard Penetration Test C - Standard Penetration Test (using cone)
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389620.60 N - 382904.42	GROUND ELEVATION (mAOD) 92.125	HOLE DEPTH (m) 3.00	Sheet 1 of 1	TRIAL PIT TP01
PLANT	DIMENSIONS -	DATE 25/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.20		D		(0.10)	0.10		MADE GROUND: Bituminous surfacing.		
0.60		D		(0.20)	0.30		MADE GROUND: Light yellow brown sandy subrounded medium to coarse sandstone gravel with some brick fragments.		
				(0.70)			MADE GROUND: Dark grey clayey silt with ash fragments.		
1.10		HV	1 - 90kPa	91	1.00	1	Firm to stiff red brown mottled grey CLAY .		
1.10		HV	2 - 110kPa	(0.50)					
1.10		HV	3 - 90kPa						
1.10		D			1.50		Soft to firm red brown mottled grey sandy CLAY.		
1.60		D		(0.40)					
2.00		D		90	1.90	2	Stiff light brown CLAY.		
				(1.10)					
3.00		D		89	3.00	3	End of Trial Pit at 3.00 m		
				88		4			
				87		5			
				86		6			
				85		7			
				84		8			
				83		9			

GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit sides remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389737.83 N - 382852.39	GROUND ELEVATION (mAOD) 91.717	HOLE DEPTH (m) 3.90	Sheet 1 of 1	TRIAL PIT TP02
PLANT	DIMENSIONS -	DATE 20/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.45		D		(0.05)	0.05		MADE GROUND: Bituminous surfacing.		
				(0.25)			MADE GROUND Sandstone sub base.		
0.65		HV	1 - 96kPa	(0.20)			MADE GROUND: Black ashy sandy fine angular gravel with occasional bricks.		
0.65		HV	2 - 120kPa						
0.65		HV	3 - 108kPa						
0.65		D		91		1	MADE GROUND: Orange brown mottled grey slightly gravelly clay. Gravel is fine to coarse subrounded to subangular of brick.		
				(1.80)					
1.55		HV	1 - 70kPa						
1.55		HV	2 - 75kPa						
1.55		HV	3 - 84kPa						
1.55		D		90		2			
2.45		HV	1 - 60kPa				Firm orange brown CLAY with some veins of grey sandy clay.		
2.45		HV	2 - 50kPa						
2.45		HV	3 - 65kPa						
2.45		D		89		3			
				(1.10)					
3.50		D					Soft black brown loamy PEAT with rootlets.		
				(0.30)					
3.90		HV	1 - 30kPa				Soft grey slightly sandy SILT with occasional organic fragments.		
3.90		HV	2 - 24kPa						
3.90		HV	3 - 30kPa						
3.90		D		88		4	End of Trial Pit at 3.90 m		
				(0.20)					
				87		5			
				86		6			
				85		7			
				84		8			
				83		9			







GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit sides remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389560.90 N - 382805.14	GROUND ELEVATION (mAOD) 90.803	HOLE DEPTH (m) 3.30	Sheet 1 of 1	TRIAL PIT TP03
PLANT	DIMENSIONS -	DATE 23/01/2012	LOGGED BY AH	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.30		D		(0.20)	0.20		MADE GROUND: Concrete		
0.60		HV	1 - 80kPa	(0.20)	0.40		MADE GROUND: Dark brown sandy gravel with some cobbles. Gravel is subangular of mixed aggregate. Unidentified odour present.		
0.60		HV	2 - 110kPa						
0.60		D		(1.00)		1	Stiff light brown slightly sandy CLAY.		
0.60		B							
0.80		HV	3 - 100kPa						
1.00		D				1.40	Firm to stiff light brown sandy CLAY.		
2.00		D		-89		2			
				(1.90)					
3.00		D		-88		3			
						3.30	End of Trial Pit at 3.30 m		
				-87		4			
				-86		5			
				-85		6			
				-84		7			
				-83		8			
				-82		9			














GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit sides remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd		<b>BAE SYSTEMS</b>	
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389717.95 N - 382891.27	GROUND ELEVATION (mAOD) 91.649	HOLE DEPTH (m) 3.30	Sheet 1 of 1	TRIAL PIT TP04
PLANT	DIMENSIONS -	DATE 25/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA					
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl) (m)	DEPTH (mbgl)	DESCRIPTION	LEGEND	WATER
0.20		D		(0.10)	0.10		MADE GROUND: Bituminous surfacing		
0.40		D		(0.20)	0.30		MADE GROUND: Yellow brown subangular to subrounded medium to coarse sand and gravel of sandstone.		
				(0.20)	0.50				
0.70		D					MADE GROUND: Black sandy subangular fine to medium gravel of ash and clinker.		
0.70		B							
				-91	(1.10)	1	MADE GROUND: Reworked light brown sandy clay.		
1.50		D			1.60		MADE GROUND: Dark brown original topsoil with plant material and glass.		
				(0.60)					
2.00		D		-90	(0.60)	2	Soft to firm grey brown sandy CLAY.		
					2.20				
					(1.10)				
				-89		3			
3.30		D			3.30		End of Trial Pit at 3.30 m		
				-88		4			
				-87		5			
				-86		6			
				-85		7			
				-84		8			
				-83		9			


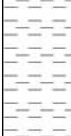

GROUNDWATER DEPTH (m)      BEHAVIOUR	<b>REMARKS</b> Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	<b>KEY</b> B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389347.74 N - 382676.35	GROUND ELEVATION (mAOD) 90.915	HOLE DEPTH (m) 3.10	Sheet 1 of 1	TRIAL PIT TP05
PLANT	DIMENSIONS -	DATE 20/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER		
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION				
0.45		D		(0.10) 0.10	(0.25)	0.35	MADE GROUND: Reinforced concrete. Slight Vinyl Chloride odour present on painted surface.				
0.70		HV	1 - 108kPa	(0.35)		0.70	MADE GROUND Concrete sub base				
0.70		HV	2 - 64kPa				MADE GROUND: Black ashy sandy gravel with fragments of brick.				
0.70		HV	3 - 65kPa	90		1	Firm orange brown mottled grey CLAY with lenses of fine grey sand. Becomes stiff with depth. Soil too friable for hand vane at 1.5m bgl.				
1.50		D		(1.50)		2					
2.50		D		89		2.20	Stiff orange brown mottled grey CLAY with rare lenses of fine orange sand.				
3.10		HV	1 - 130kPa	(0.90)		3					
3.10		D		88		3.10	End of Trial Pit at 3.10 m				
				87		4					
				86		5					
				85		6					
				84		7					
				83		8					
				82		9					



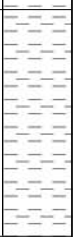
GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit sides remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389500.30 N - 382726.07	GROUND ELEVATION (mAOD) 90.763	HOLE DEPTH (m) 2.80	Sheet 1 of 1	TRIAL PIT TP06
PLANT	DIMENSIONS -	DATE 23/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.30		D		(0.20)	0.20		MADE GROUND: Concrete		
				(0.20)	0.40		MADE GROUND: Dark grey gravelly sand with some brick fragments.		
0.60		D					Firm to stiff light brown CLAY.		
0.80		HV	1 - 100kPa						
0.80		HV	2 - 85kPa						
0.80		HV	3 - 80kPa	-90	(1.00)	1			
1.10		D					Soft to stiff light brown silty CLAY with occasional sand lenses.		
2.00		D		-89	(1.40)	2			
2.80		D					End of Trial Pit at 2.80 m		
				-88		3			
				-87		4			
				-86		5			
				-85		6			
				-84		7			
				-83		8			
				-82		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit sides remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389626.06 N - 382716.70	GROUND ELEVATION (mAOD) 90.819	HOLE DEPTH (m) 2.70	Sheet 1 of 1	TRIAL PIT TP07
PLANT	DIMENSIONS -	DATE 23/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl) (m)	DEPTH (mbgl)	DESCRIPTION		
0.30		D		(0.20)	0.20		MADE GROUND: Concrete.		
0.60		D		(0.20)	0.40		MADE GROUND: Black gravelly sand with reworked clay with ash and cobbles of bricks.		
1.00		D		(0.80)			Firm to stiff light brown CLAY.		
1.90		D		90	1.20		Stiff light brown CLAY with sand lenses.		
2.70		D		89 (1.50)					
							End of Trial Pit at 2.70 m		
				88					
				87					
				86					
				85					
				84					
				83					
				82					


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Stiffness of clay slowed down excavation. Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389717.61 N - 382710.42	GROUND ELEVATION (mAOD) 91.233	HOLE DEPTH (m) 3.70	Sheet 1 of 1	TRIAL PIT TP08
PLANT	DIMENSIONS -	DATE -	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl)	DEPTH (mbgl)	DESCRIPTION			
				90.05 (0.05)	0.05	0.05	MADE GROUND: Bitumen surfacing			
				89.70 (0.30)	0.35	0.35	MADE GROUND: Black sandy angular to subangular gravel of brick, concrete and limestone. Occasional cobbles of brick.			
				89.00 (1.25)	1.00	1.00	MADE GROUND: Brown mottled orange and grey sandy clay with organic silt lenses.			
				88.40 (1.60)	1.60	1.60	MADE GROUND: Black sandy silt with organic odour [former topsoil] with occasional fine to medium angular to subangular gravel of brick.			
				88.10 (0.90)	0.90	2.50	Firm blue grey sandy CLAY with angular to subrounded gravel of mixed lithology. Some to many leses (<500mm) of very silty fine to medium sand.			
				87.40 (1.20)	1.20	3.70	End of Trial Pit at 3.70 m			
				87.00		4.00				
				86.00		5.00				
				85.00		6.00				
				84.00		7.00				
				83.00		8.00				
				82.00		9.00				






GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389802.25 N - 382666.43	GROUND ELEVATION (mAOD) 90.089	HOLE DEPTH (m) 0.90	Sheet 1 of 1	TRIAL PIT TP09
PLANT	DIMENSIONS -	DATE -	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
				(0.70)			MADE GROUND: Black sandy silt with organic odour.		
				(0.20)	0.70		MADE GROUND: Grey mottled orange sandy clay [reworked].		
				89	0.90	1	End of Trial Pit at 0.90 m		
				88		2			
				87		3			
				86		4			
				85		5			
				84		6			
				83		7			
				82		8			
				81		9			


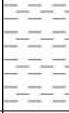



GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389322.79 N - 382720.41	GROUND ELEVATION (mAOD) 90.688	HOLE DEPTH (m) 3.00	Sheet 1 of 1	TRIAL PIT TP10
PLANT	DIMENSIONS -	DATE 25/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.30		D		(0.10)	0.10		MADE GROUND: Bituminous surfacing.		
				(0.50)			MADE GROUND: Light brown sandy cobbly subangular medium to coarse gravel of sandstone, concrete and brick.		
0.65		D			0.60		Stiff light red brown CLAY.		
0.70		HV	1 - 120kPa						
0.70		HV	2 - 110kPa						
0.70		HV	3 - 90kPa	90	(0.75)	1			
1.00		HV	4 - 110kPa						
1.00		HV	5 - 100kPa		1.35				
1.00		HV	6 - 75kPa		(0.30)		Light brown clayey fine to medium SAND.		
1.40		D			1.65		Stiff light brown mottled grey CLAY. Soil is friable.		
2.00		D		89		2			
				(1.35)					
3.00		D		88		3	End of Trial Pit at 3.00 m		
				87		4			
				86		5			
				85		6			
				84		7			
				83		8			
				82		9			







GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389685.32 N - 382591.40	GROUND ELEVATION (mAOD) 91.127	HOLE DEPTH (m) 3.30	Sheet 1 of 1	TRIAL PIT TP11
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.40		D		(0.75)			MADE GROUND: Soft dark brown clayey cobbly organic silt. Cobbles are subangular and tabular of sandstone.		
0.90		HV	1 - 74kPa	0.75			Stiff orange mottled grey CLAY.		
0.90		HV	2 - 94kPa	90		1			
0.90		HV	3 - 90kPa	(0.75)					
0.90		D							
1.75		D		1.50	(0.30)		Soft black organic SILT.		
2.00		HV	1 - 10kPa	1.80			Soft dark grey SILT/CLAY		
2.00		HV	2 - 32kPa	89	(0.50)	2			
2.00		HV	3 - 15kPa						
2.00		D							
2.50		D		2.30			Orange medium SAND.		
				(1.00)					
				88		3			
				3.30			End of Trial Pit at 3.30 m		
				87		4			
				86		5			
				85		6			
				84		7			
				83		8			
				82		9			







GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389791.64 N - 382635.70	GROUND ELEVATION (mAOD) 90.728	HOLE DEPTH (m) 3.50	Sheet 1 of 1	TRIAL PIT TP12
PLANT	DIMENSIONS -	DATE 20/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA						
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION	LEGEND	WATER	
				(0.20)		0.20	MADE GROUND: Concrete.			
				(0.45)			MADE GROUND: Subbase with some brick and sandstone boulders			
0.85		D		0.65 (0.40)			MADE GROUND: Reworked dark grey silt/clay worked with soft orange brown silt/clay.			
				90		1.05	1	Soft orange sandy CLAY with pockets of fine grey sand.		
1.20		HV	1 - 50kPa	(0.45)						
1.20		HV	2 - 58kPa							
1.20		HV	3 - 44kPa			1.50				
1.20		D					Firm orange brown CLAY with veins of fine grey sand.			
1.70		HV	1 - 74kPa	(0.70)						
1.70		HV	2 - 90kPa							
1.70		HV	3 - 68kPa	89		2.20				
1.70		D								
2.60		D		(1.30)			Firm orange brown mottled grey CLAY with occasional pockets of orange sand.			
				88						
3.50		D				3.50	End of Trial Pit at 3.50 m			
				87						
				86						
				85						
				84						
				83						
				82						







GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389412.83 N - 382549.39	GROUND ELEVATION (mAOD) 90.648	HOLE DEPTH (m) 3.30	Sheet 1 of 1	TRIAL PIT TP13
PLANT	DIMENSIONS -	DATE 24/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.60		D		(0.10)	0.10		MADE GROUND: Bituminous surfacing		
				(0.35)		0.45	MADE GROUND: Concrete with reinforcement bar.		
				(0.45)			MADE GROUND: Black sandy sub angular fine to coarse gravel of ash with whole bricks and sandstone cobbles.		
1.00		HV	1 - 110kPa	90	0.90	1	Firm to stiff light brown sandy CLAY.		
1.00		HV	2 - 90kPa						
1.00		HV	3 - 100kPa	(0.60)					
1.00		D				1.50			
1.00		B							
1.70		D					Soft to firm light brown silty sandy CLAY with lenses of black/grey organic silt.		
				89		2			
				(1.50)					
				88	3.00	3	Dark grey organic SILT.		
3.30		D		(0.30)	3.30		End of Trial Pit at 3.30 m		
				87		4			
				86		5			
				85		6			
				84		7			
				83		8			
				82		9			





GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389509.40 N - 382530.33	GROUND ELEVATION (mAOD) 90.726	HOLE DEPTH (m) 3.40	Sheet 1 of 1	TRIAL PIT TP14
PLANT	DIMENSIONS -	DATE 20/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl)	DEPTH (mbgl)	DESCRIPTION		
				(0.05)	0.05		MADE GROUND: Bituminous surfacing		
				(0.35)	0.40		MADE GROUND: Concrete with hydrocarbon staining		
				(0.30)	0.70		MADE GROUND: Gravel and cobbles with patches of hydrocarbon staining [subbase material]		
0.90		HV	1 - 98kPa	90	(0.75)	1	Firm to stiff orange brown mottled grey CLAY.		
0.90		HV	2 - 78kPa						
0.90		HV	3 - 130kPa						
0.90		B							
0.90		D							
1.60		D			1.45		Firm to stiff orange brown mottled grey CLAY with pockets of fine orange sand.		
				(0.65)					
				89	2.10	2	Stiff orange brown mottled grey CLAY		
2.40		D							
				(1.30)					
				88		3			
3.40		D			3.40		End of Trial Pit at 3.40 m		
				87		4			
				86		5			
				85		6			
				84		7			
				83		8			
				82		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389744.98 N - 382548.61	GROUND ELEVATION (mAOD) 90.238	HOLE DEPTH (m) 2.70	Sheet 1 of 1	TRIAL PIT TP15
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Black ashy sandy gravel		
0.40		D		(0.55)			MADE GROUND: Orange brown cobbly clay. Cobbles are large subangular to tabular of sandstone.		
0.90		D		89		1	Orange medium SAND		
2.10		D		88		2	Orange medium gravelly SAND. Gravel is medium subrounded of mixed lithology.		
				(0.90)					
				2.70			End of Trial Pit at 2.70 m		
				87		3			
				86		4			
				85		5			
				84		6			
				83		7			
				82		8			
				81		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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







SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389804.71 N - 382555.07	GROUND ELEVATION (mAOD) 89.702	HOLE DEPTH (m) 3.00	Sheet 1 of 1	TRIAL PIT TP16
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION			
0.10		D		(0.20)	0.20		Soft brown clayey TOPSOIL			
0.40		HV	1 - 90kPa				Firm to stiff orange brown CLAY/SILT			
0.40		HV	2 - 92kPa							
0.40		HV	3 - 92kPa	(0.90)						
0.40		D		89	1.10	1	Orange medium SAND.			
1.40		D								
				88 (1.90)		2				
2.40		D								
				87	3.00	3	End of Trial Pit at 3.00 m			
				86		4				
				85		5				
				84		6				
				83		7				
				82		8				
				81		9				



GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390016.62 N - 382545.35	GROUND ELEVATION (mAOD) 87.391	HOLE DEPTH (m) 3.00	Sheet 1 of 1	TRIAL PIT TP19
PLANT	DIMENSIONS -	DATE 25/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.30		D		(0.60)			MADE GROUND: Dark grey topsoil with some glass.		
0.70		HV	1 - 50kPa	0.60			Soft light orange brown sandy CLAY.		
0.70		HV	2 - 50kPa	(0.60)					
0.70		HV	3 - 50kPa	86		1			
0.70		D					Light brown clayey fine to medium SAND.		
1.10		HV	4 - 30kPa	(0.10)	1.20				
1.10		HV	5 - 30kPa		1.30		Orange brown fine to medium SAND.		
1.10		HV	6 - 30kPa	(0.60)					
1.80		D					Very soft grey slightly sandy CLAY.		
2.00		D		85		1.90			
				(0.60)			Very soft light grey SILT.		
						2.50			
3.00		D		84		3.00	End of Trial Pit at 3.00 m		
				83		4			
				82		5			
				81		6			
				80		7			
				79		8			
				78		9			




GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Unstable collapse of sidewalls from 1.8m. Trial pit backfilled with arisings.	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389467.04 N - 382458.62	GROUND ELEVATION (mAOD) 88.908	HOLE DEPTH (m) 0.40	Sheet 1 of 1	TRIAL PIT TP20
PLANT	DIMENSIONS -	DATE 24/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.15		D		(0.10)	0.10		MADE GROUND: Bituminous surfacing		
0.40		D		(0.20)	0.30		MADE GROUND: Grey sandy subangular fine to coarse gravel of concrete.		
				(0.10)	0.40		Firm to stiff grey sandy SILT.		
							End of Trial Pit at 0.40 m		
				88		1			
				87		2			
				86		3			
				85		4			
				84		5			
				83		6			
				82		7			
				81		8			
				80		9			





GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Large water ingress at 0.4m Trial pit remained stable. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389572.16 N - 382460.83	GROUND ELEVATION (mAOD) 91.632	HOLE DEPTH (m) 2.70	Sheet 1 of 1	TRIAL PIT TP21
PLANT	DIMENSIONS -	DATE 26/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.05		D		(0.10)	0.10		MADE GROUND: Grass over grey clayey topsoil.		
							MADE GROUND: Orange brown mottled grey clay.		
0.60		HV	1 - 80kPa						
0.60		HV	2 - 70kPa						
0.60		HV	3 - 90kPa						
0.60		D		91	0.90	1	MADE GROUND: Soft to firm light brown mottled black clay with organic silt (reworked)		
1.00		HV	4 - 40kPa						
1.00		HV	5 - 40kPa	(0.60)					
1.00		HV	6 - 45kPa						
1.00		D			1.50		Very soft light grey silty CLAY		
1.80		D		90	(1.20)	2			
2.70		D				2.70	End of Trial Pit at 2.70 m		
				89		3			
				88		4			
				87		5			
				86		6			
				85		7			
				84		8			
				83		9			


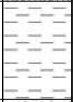



GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389870.51 N - 382460.55	GROUND ELEVATION (mAOD) 87.277	HOLE DEPTH (m) 3.85	Sheet 1 of 1	TRIAL PIT TP22
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.15		D		(0.30)		0.30	Soft dark brown clayey TOPSOIL.		
0.55		D		(0.50)		0.80	Soft dark brown silty sandy subsoil.		
1.10		D		86 (0.70)		1	Orange brown medium SAND.		
1.90		D		85 (1.10)		2	Fine orange silty SAND.		
3.00		D		84 (1.25)		3	Soft grey brown sandy SILT/CLAY.		
				83		4	End of Trial Pit at 3.85 m		
				82		5			
				81		6			
				80		7			
				79		8			
				78		9			






GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 391036.60 N - 382780.20	GROUND ELEVATION (mAOD) 88.903	HOLE DEPTH (m) 3.40	Sheet 1 of 1	TRIAL PIT TP24
PLANT	DIMENSIONS -	DATE 16/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.25)	0.25		Topsoil		
0.50		D		(0.65)			Firm grey with some orange mottling CLAY		
1.00		D		88 (0.75)	0.90	1	firm grey with some orange mottling CLAY with pockets of fine grey slightly clayey sand.		
1.75		D		1.65 (0.35)			Grey slightly clayey gravelly coarse SAND. Gravel is coarse rounded of mixed lithology		
2.20		D		87 (1.40)	2.00	2	Soft orange brown sandy SILT with lenses of silty coarse sand.		
3.40		D			3.40		End of Trial Pit at 3.40 m		
				86		3			
				85		4			
				84		5			
				83		6			
				82		7			
				81		8			
				80		9			

GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 391119.37 N - 382711.00	GROUND ELEVATION (mAOD) 89.499	HOLE DEPTH (m) 3.50	Sheet 1 of 1	TRIAL PIT TP25
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10	0.10	D		(0.30)		0.30	Firm light brown sandy CLAY with occasional fine to coarse subangular to subrounded gravel and cobbles of mixed lithology.		
0.50		D		(0.30)		0.60	Firm to stiff light brown sandy CLAY with abundant pockets of orange brown sandy clay.		
0.90		D		88		1	Soft to stiff brown CLAY with abundant pockets of orange brown and grey clay. Becomes soft and sandy from 1.3m.		
2.00		D		87		2	Soft to firm grey CLAY with abundant pockets of orange brown clay.		
2.70		D		86		3	Medium reddish brown SAND with some fine to coarse subangular to subrounded gravel and cobbles of mixed lithology.		
						3.50	End of Trial Pit at 3.50 m		
				85		4			
				84		5			
				83		6			
				82		7			
				81		8			
				80		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390814.92 N - 382663.43	GROUND ELEVATION (mAOD) 87.837	HOLE DEPTH (m) 2.30	Sheet 1 of 1	TRIAL PIT TP26
PLANT	DIMENSIONS -	DATE 16/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA					
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION	LEGEND	WATER
0.10		D		(0.30)		0.30	MADE GROUND: Reworked natural brown gravelly topsoil with wire.		
0.60		D					Coarse orange gravelly SAND. Gravel is very fine to coarse rounded to subrounded of mixed lithology.		
1.40		D		(2.00)					
2.30		D				2.30	End of Trial Pit at 2.30 m		
				87		1			
				86		2			
				85		3			
				84		4			
				83		5			
				82		6			
				81		7			
				80		8			
				79		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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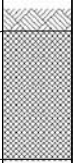


SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390940.73 N - 382626.02	GROUND ELEVATION (mAOD) 88.727	HOLE DEPTH (m) 3.20	Sheet 1 of 1	TRIAL PIT TP27
PLANT	DIMENSIONS -	DATE 16/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Reddish brown sandy clay with occasional pockets of orange brown sand and fine to coarse subangular to subrounded gravel and cobbles of mixed lithology.		
0.40		D		(0.30)	0.50				
0.70		D		(0.60)			Medium light brown very clayey gravelly SAND with occasional pockets of yellow/brown sand. Gravel is fine to coarse subangular to subrounded of mixed lithology.		
0.90		B		88		1	Firm to stiff light brown / grey CLAY with abundant pockets of orange / brown sandy clay.		
1.30		D		(0.80)			Medium grey clayey SAND with abundant pockets of orange brown sand. Abundant fine to coarse subangular to subrounded gravel and cobbles of mixed lithology from 1.5m.		
2.10		D		87		2	Medium light brown / grey SAND with some fine to coarse subangular to subrounded gravel and cobbles of mixed lithology. Slight organic odour. Gravel and cobbles absent from 2.4m.		
				(1.30)					
3.20		D		86		3	End of Trial Pit at 3.20 m		
				85		4			
				84		5			
				83		6			
				82		7			
				81		8			
				80		9			




GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390707.05 N - 382626.55	GROUND ELEVATION (mAOD) 87.176	HOLE DEPTH (m) 1.00	Sheet 1 of 1	TRIAL PIT TP28
PLANT	DIMENSIONS -	DATE 16/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.35		D		(0.15)	0.15		Brown TOPSOIL		
0.65		D		(0.85)			SOUTHERN EDGE OF TRIAL PIT: 0.15m to 0.3m medium orange sand; 0.3m to 0.9m black ashy sandy gravel of clinker and mixed lithology. ceramic duct at 0.9m to 1m. NORTHERN SIDE: medium orange brown SAND from 0.15m to 1m		
				86	1.00	1	----- End of Trial Pit at 1.00 m		
				85		2			
				84		3			
				83		4			
				82		5			
				81		6			
				80		7			
				79		8			
				78		9			




GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390698.25 N - 382636.58	GROUND ELEVATION (mAOD) 87.407	HOLE DEPTH (m) 2.00	Sheet 1 of 1	TRIAL PIT TP28A
PLANT	DIMENSIONS -	DATE 16/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.15		D		(0.30)			Brown clayey TOPSOIL		
0.40		D		(0.50)		0.30	Orange medium SAND.		
1.00		D		(1.20)		0.80	Orange medium SAND.		
				86		1			
				85		2	End of Trial Pit at 2.00 m		
				84		3			
				83		4			
				82		5			
				81		6			
				80		7			
				79		8			
				78		9			







GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390613.18 N - 382505.34	GROUND ELEVATION (mAOD) 86.782	HOLE DEPTH (m) 2.80	Sheet 1 of 1	TRIAL PIT TP29
PLANT	DIMENSIONS -	DATE 16/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.30)	0.30	0.30	MADE GROUND: Reddish brown sandy clay with rare fine to coarse subangular to subrounded gravel and cobbles of mixed lithology.		
0.50		D		(0.40)	0.70	0.70	Soft to firm reddish brown sandy CLAY with some pockets of stiff light brown sandy clay and some fine to coarse subangular to subrounded gravel and cobbles of mixed lithology.		
1.00		D		86		1	Medium light brown / red SAND with occasional fine to coarse subangular to subrounded gravel and cobbles of mixed lithology.		
2.00		D		(2.10)		2			
				85		2			
						3			
				84		3	End of Trial Pit at 2.80 m		
						4			
				83		4			
						5			
				82		5			
						6			
				81		6			
						7			
				80		7			
						8			
				79		8			
						9			
				78		9			




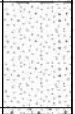


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390487.10 N - 382536.33	GROUND ELEVATION (mAOD) 86.351	HOLE DEPTH (m) 3.40	Sheet 1 of 1	TRIAL PIT TP30
PLANT	DIMENSIONS -	DATE 16/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.20		D		(0.50)			Brown clayey TOPSOIL.		
0.75		D		0.50 (0.60)			Firm grey brown mottled orange CLAY.		
1.30		D		85 1.10 (0.70)		1	Soft orange brown mottled grey SILT/CLAY.		
2.10		D		84 1.80 (0.70)		2	Soft grey brown silty SAND.		
2.50		D		(0.05) 2.50 2.55			Black brown fibrous PEAT.		
3.30		D		83 (0.85) 3.40		3	Grey medium to coarse grained gravelly SAND. Gravel is fine to coarse subrounded to subangular of mixed lithology.		
							End of Trial Pit at 3.40 m		
				82		4			
				81		5			
				80		6			
				79		7			
				78		8			
				77		9			





GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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<b>SITE</b> Woodford Phase 1 SI		<b>CLIENT</b> Avro Heritage Ltd			
<b>PROJECT NUMBER</b> A1065-00	<b>CO-ORDINATES</b> E - 390351.31 N - 382385.66	<b>GROUND ELEVATION (mAOD)</b> 85.488	<b>HOLE DEPTH (m)</b> 3.10	<b>Sheet 1 of 1</b>	<b>TRIAL PIT</b> TP31
<b>PLANT</b>	<b>DIMENSIONS</b> -	<b>DATE</b> 16/01/2012	<b>LOGGED BY</b>	<b>CHECKED BY</b>	<b>SCALE</b> 1:50


SAMPLES & TESTS				STRATA					LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION			
0.10		D		(0.20)	0.20		MADE GROUND: Brown sandy clay with pockets of orange brown sandy clay and some fine to coarse subangular to subrounded gravel of mixed lithology including rare brick.			
0.30		D		(0.30)	0.50		Firm to stiff mottled orange brown sandy CLAY.			
0.70		D					Firm grey sandy CLAY with abundant pockets of orange brown sandy clay. Increasing sand content from 1.0m.			
1.10		D		84 (1.00)		1				
1.70		D			1.50		Medium orange brown SAND.			
				(0.70)		2				
2.70		D			2.20		Medium grey gravelly slightly clayey SAND. Gravel is fine to coarse subangular to subrounded of mudstone.			
				(0.70)						
3.10		D		82 (0.20)	2.90	3	Fine to coarse subrounded to rounded sandy GRAVEL with cobbles of mixed lithology.			
					3.10					
End of Trial Pit at 3.10 m										
						4				
						5				
						6				
						7				
						8				
						9				





<b>GROUNDWATER</b> DEPTH (m)      BEHAVIOUR	<b>REMARKS</b> Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	<b>KEY</b> B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390221.51 N - 382417.12	GROUND ELEVATION (mAOD) 85.364	HOLE DEPTH (m) 2.80	Sheet 1 of 1	TRIAL PIT TP32
PLANT	DIMENSIONS -	DATE 16/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.15		D		(0.30)		0.30	MADE GROUND: Brown clayey topsoil.		
0.45		D		(0.30)		0.60	MADE GROUND: Slightly red sandy angular cobbles of sandstone, brick and siltstone.		
1.00		D		84		1	Soft to firm grey brown mottled orange CLAY with pockets of grey fine clayey sand. Petrified wood at 0.8m. Becomes denser with depth at 1.6m.		
2.00		D		83		2			
2.60		D		(0.50)		2.30	Grey medium SAND.		
				82		2.80	End of Trial Pit at 2.80 m		
				81		4			
				80		5			
				79		6			
				78		7			
				77		8			
				76		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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




SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390141.01 N - 382297.75	GROUND ELEVATION (mAOD) 84.872	HOLE DEPTH (m) 2.80	Sheet 1 of 1	TRIAL PIT TP33
PLANT	DIMENSIONS -	DATE 16/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.30)		0.30	MADE GROUND : Brown sandy clay with occasional fine to coarse subangular to subrounded gravel of mixed lithology		
0.30		D		(0.40)		0.70	Firm brown sandy CLAY with some lenses of orange brown clay and some fine to coarse subangular to subrounded gravel of mixed lithology. Pockets of grey clay from 0.5m. Becomes stiff and laminated from 0.6m.		
0.60		D		84 (0.60)		1	Firm grey sandy CLAY with abundant pockets of orange brown sandy clay and rare fine to coarse subangular to subrounded gravel and cobbles of mudstone.		
0.90		D				1.30			
1.60		D		83 (1.50)		2	Grey/brown medium SAND.		
				82		3	End of Trial Pit at 2.80 m		
				81		4			
				80		5			
				79		6			
				78		7			
				77		8			
				76		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389966.07 N - 382316.87	GROUND ELEVATION (mAOD) 85.427	HOLE DEPTH (m) 3.00	Sheet 1 of 1	TRIAL PIT TP34
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Brown clayey topsoil.		
0.35		D		(0.35)	0.55		MADE GROUND: Orange brown slightly sandy gravelly clayey subsoil. Gravel is coarse subrounded of mixed lithology.		
0.65		D		(0.20)	0.75		MADE GROUND: Black slightly clayey gravelly sand with ash and occasional clinker. Gravel is fine to coarse subrounded to subangular.		
1.00		D		84 (0.45)	1.20	1	MADE GROUND: Black brown organic silt / clay with occasional fragments of brick.		
1.35		D		(0.65)	1.85		Soft greenish-grey with some orange mottling sandy CLAY with lenses of fine grey clayey silty sand.		
2.20		D		83 (0.90)	2.75	2	Pinkish grey medium SAND		
3.00		D		(0.25)	3.00	3	Soft brown SILT		
End of Trial Pit at 3.00 m									
				81		4			
				80		5			
				79		6			
				78		7			
				77		8			
				76		9			





GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389850.72 N - 382158.10	GROUND ELEVATION (mAOD) 85.361	HOLE DEPTH (m) 3.50	Sheet 1 of 1	TRIAL PIT TP35
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Dark brown sandy clay with some fine to coarse subangular to subrounded gravel and cobbles of mixed lithology including brick and clinker.		
0.40		D		(0.60)			MADE GROUND: Light brown friable sandy clay with abundant pockets of orange brown and grey sandy clay. Some fine to coarse subangular to subrounded gravel and cobbles of mixed lithology including clay pipe		
0.60		D							
1.00		D		84 (0.70)		1	Soft brown slightly sandy CLAY with some pockets of dark brown peat and grey clay.		
1.80		D		1.50			Dark brown pseudofibrous clayey PEAT with some plant remains		
2.60		D		83 (0.80)		2	Soft grey/brown very sandy CLAY with abundant pockets of pale grey and orange brown sandy clay.		
				2.30					
				82 (1.20)		3			
				3.50			End of Trial Pit at 3.50 m		
				81		4			
				80		5			
				79		6			
				78		7			
				77		8			
				76		9			



GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389511.88 N - 382366.10	GROUND ELEVATION (mAOD) 87.454	HOLE DEPTH (m) 1.60	Sheet 1 of 1	TRIAL PIT TP36
PLANT	DIMENSIONS -	DATE 24/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.40		D		(0.20)	0.20		MADE GROUND: Grey topsoil with concrete gravel.		
							Orange brown clayey fine to medium SAND.		
0.80		D		(0.70)			Light grey clayey fine SAND.		
				-86 (1.00)		1			
1.60		D			1.60		End of Trial Pit at 1.60 m		
				-85		2			
				-84		3			
				-83		4			
				-82		5			
				-81		6			
				-80		7			
				-79		8			
				-78		9			






GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Heavy water ingress at 1.1m hole terminated, sandstone cobbles (suspected land drain). Trial pit remained stable. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389619.12 N - 382371.16	GROUND ELEVATION (mAOD) 89.089	HOLE DEPTH (m) 2.50	Sheet 1 of 1	TRIAL PIT TP37
PLANT	DIMENSIONS -	DATE 27/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Dark brown sandy topsoil with some ash.		
0.60		D					Light orange brown fine to medium SAND .		
1.30		D		(2.30)					
2.50		D				2.50	End of Trial Pit at 2.50 m		
				88		1			
				87		2			
				86		3			
				85		4			
				84		5			
				83		6			
				82		7			
				81		8			
				80		9			







GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Sides unstable and collapsing from surface. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389823.48 N - 382372.79	GROUND ELEVATION (mAOD) 86.062	HOLE DEPTH (m) 2.80	Sheet 1 of 1	TRIAL PIT TP38
PLANT	DIMENSIONS -	DATE 27/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.20		D		(0.50)			Soft grey clayey TOPSOIL (Saturated)		
0.60		D		0.50			Soft orange brown mottled grey CLAY		
0.80		D		(0.50)					
1.10		D		85	1.00	1	Soft black sandy SILT. Soft light brown sandy CLAY.		
1.60		D		(0.50) (0.80)	1.50				
1.85		D		(0.10)	1.80	2	Light brown fine silty SAND.		
				84	1.90		Soft light brown sandy CLAY with some.		
2.50		D		(0.90)					
				83	2.80		End of Trial Pit at 2.80 m		
				82		4			
				81		5			
				80		6			
				79		7			
				78		8			
				77		9			




GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Water ingress at 2m, sides unstable and collapsing from 1m. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389468.80 N - 382285.25	GROUND ELEVATION (mAOD) 86.657	HOLE DEPTH (m) 3.00	Sheet 1 of 1	TRIAL PIT TP39
PLANT	DIMENSIONS -	DATE 24/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.50		D		(0.20)	0.20		MADE GROUND: Bituminous surfacing with much rebar		
				(0.50)			MADE GROUND: Black subangular gravel of ash / clinker and concrete		
0.80		HV	1 - 110kPa		0.70		Stiff light brown mottled grey CLAY.		
0.80		HV	2 - 120kPa	(0.30)					
0.80		HV	3 - 110kPa	86	1.00	1			
0.80		D					Soft to firm light brown CLAY.		
1.20		HV	4 - 40kPa	(0.50)			Dark grey/brown fibrous peat.		
1.20		HV	5 - 40kPa		1.50				
1.20		HV	6 - 45kPa						
1.90		D		85		2			
				(1.30)					
3.00		D		84	(0.20)	3	Soft light grey silty CLAY.		
							End of Trial Pit at 3.00 m		
				83		4			
				82		5			
				81		6			
				80		7			
				79		8			
				78		9			






GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389569.91 N - 382285.17	GROUND ELEVATION (mAOD) 87.884	HOLE DEPTH (m) 2.70	Sheet 1 of 1	TRIAL PIT TP40
PLANT	DIMENSIONS -	DATE 27/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.20		D		(0.40)			MADE GROUND: Dark brown sandy gravelly topsoil.		
0.60		D		(0.50)			Firm to stiff light brown sandy CLAY.		
1.00		D		87		0.90	1 Firm light brown sandy CLAY.		
2.10		D		(1.80)					
				86		2			
2.70		D				2.70	End of Trial Pit at 2.70 m		
				85		3			
				84		4			
				83		5			
				82		6			
				81		7			
				80		8			
				79		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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



SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389744.96 N - 382225.77	GROUND ELEVATION (mAOD) 86.325	HOLE DEPTH (m) 3.90	Sheet 1 of 1	TRIAL PIT TP41
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		Soft brown slightly sandy clayey TOPSOIL		
0.45		D		(0.75)			Orange fine slightly gravelly SAND		
1.10		D		85 (0.85)	0.95	1	Firm orange brown CLAY/SILT with pockets of fine orange brown sand.		
2.20		D		84 (1.00)	1.80	2	Soft to firm orange brown SILT		
3.20		D		83 (1.10)	2.80	3	Soft grey brown SILT		
				82	3.90	4	End of Trial Pit at 3.90 m		
				81		5			
				80		6			
				79		7			
				78		8			
				77		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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<b>SITE</b> Woodford Phase 1 SI		<b>CLIENT</b> Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389565.28 N - 382155.45	GROUND ELEVATION (mAOD) 85.942	HOLE DEPTH (m) 2.80	Sheet 1 of 1	TRIAL PIT TP42
PLANT	DIMENSIONS -	DATE 18/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS			STRATA			DESCRIPTION	LEGEND	WATER	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	DEPTH (mbgl)				
0.10		D		(0.20)		MADE GROUND: Black sandy fine to coarse subrounded to subangular gravel and cobbles of mixed lithology including brick, concrete and abundant clinker.			
0.40		D		(0.10) 0.20 (0.30) 0.30					
0.90		D		(0.10) 0.60 (0.30) 0.70					MADE GROUND: Grey gravelly cobbly sand. Gravel is fine to coarse subrounded to subangular mixed lithology including some concrete.
1.20		D		85	1.00				
1.20		D		(0.80)		MADE GROUND: Dark grey slightly sandy fine to coarse subrounded to subangular gravel and cobbles of blaes and clinker.			
1.20		HV	1 - 54kPa						
1.20		HV	2 - 44kPa						
1.20		HV	3 - 40kPa			MADE GROUND: Firm dark brown friable sandy clay.			
1.60		D			1.80				
1.60		HV	1 - 90kPa						MADE GROUND: Firm grey reworked sandy clay with some pockets of pale green sandy clay and light brown sand. Clay land drain encountered sat 0.9m.
1.60		HV	2 - 80kPa						
1.60		HV	3 - 82kPa						
2.10		HV	1 - 58kPa	84	2	Firm grey CLAY with abundant pockets of orange brown clay and some fine to coarse subrounded to subangular gravel and cobbles of mudstone. Becoming stiff from 1.6m.			
2.10		HV	2 - 48kPa	(0.60)					
2.10		HV	3 - 50kPa						
2.10		D			2.40	Firm brown CLAY with some pockets of pale grey and orange brown clay.			
2.70		D		(0.40)					
		D		83	3				Medium light brown SAND. Slight seepage at 2.7m causing collapse of sidewalls.
					2.80				
						End of Trial Pit at 2.80 m			
					82				4
					81	5			
					80	6			
					79	7			
					78	8			
					77	9			






<b>GROUNDWATER</b> DEPTH (m)      BEHAVIOUR	<b>REMARKS</b> Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  <small>Material logged in general accordance with BS 5930 (as amended) &amp; BS EN ISO 14688</small>	<b>KEY</b> B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389673.90 N - 382056.67	GROUND ELEVATION (mAOD) 85.065	HOLE DEPTH (m) 3.30	Sheet 1 of 1	TRIAL PIT TP43
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl)	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Brown sandy clay with occasional fine to coarse subangular to subrounded gravel and cobbles of mixed lithology including rare clinker.		
0.50		D		(0.30)	0.30				
				(0.20)	0.60		MADE GROUND: Medium reddish brown sand.		
1.10		D		84	0.80	1	MADE GROUND: Firm brown slightly organic sandy clay. Land drain encountered at 0.4m.		
							MADE GROUND: Medium reddish brown sand.		
				(1.40)			Firm grey CLAY with some pockets of orange brown clay. Abundant pockets of orange brown sand between 1.5m and 1.8m		
2.10		D		83		2			
					2.20		Medium grey/brown SAND with some subangular to subrounded gravel and cobbles of mixed lithology		
2.50		D							
				(1.10)		3			
					3.30		End of Trial Pit at 3.30 m		
				82		4			
						5			
				81		6			
						7			
				80		8			
						9			
				79					
				78					
				77					
				76					





GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389468.82 N - 381979.76	GROUND ELEVATION (mAOD) 85.883	HOLE DEPTH (m) 3.60	Sheet 1 of 1	TRIAL PIT TP44
PLANT	DIMENSIONS -	DATE 18/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)		0.20	MADE GROUND: Brown sandy clay with some subangular to subrounded gravel and cobbles of mixed lithology including brick and clinker.		
0.40		D		(0.40)		0.60	MADE GROUND: Black sandy clay with abundant fine to coarse sub angular to sub rounded gravel and cobbles of clinker and some brick.		
0.80		D		(0.30)		0.90	MADE GROUND: Medium light brown slightly clayey sand with some sub angular to subrounded gravel and cobbles of clinker and some pockets of reddish brown sand.		
1.20		HV	1 - 18kPa	85		1	Soft to firm grey sandy CLAY with abundant pockets of light brown sand and reddish brown sandy clay and some subangular to subrounded gravel of mixed lithology. Lenses of medium light brown sand between 1.7 and 2.0m.		
1.20		HV	2 - 14kPa						
1.20		HV	3 - 28kPa						
1.20		D							
1.20		D							
1.20		B							
2.00		HV	1 - 80kPa	(2.00)		2			
2.00		HV	2 - 98kPa	84					
2.00		HV	3 - 70kPa						
2.00		D							
3.10		D		83		2.90	Medium grey brown clayey SAND.		
				(0.70)		3.60	End of Trial Pit at 3.60 m		
				82		4			
				81		5			
				80		6			
				79		7			
				78		8			
				77		9			







GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389291.61 N - 382033.68	GROUND ELEVATION (mAOD) 86.032	HOLE DEPTH (m) 3.40	Sheet 1 of 1	TRIAL PIT TP45
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE THICKNESS (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.20		D		(0.40)		0.40	Soft dark brown silty clay TOPSOIL.		
0.65		D					Firm orange mottled grey CLAY with pockets of fine grey sand.		
1.25		D		85 (1.60)		1			
2.10		D		84 (0.20)	2.00	2	Soft grey SILT.		
					2.20		Soft vey orange becoming orange brown SILT.		
3.40		D				3.40	End of Trial Pit at 3.40 m		
				83 (1.20)		3			
				82		4			
				81		5			
				80		6			
				79		7			
				78		8			
				77		9			






GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389240.27 N - 381874.20	GROUND ELEVATION (mAOD) 86.151	HOLE DEPTH (m) 3.50	Sheet 1 of 1	TRIAL PIT TP46
PLANT	DIMENSIONS -	DATE 17/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Dark brown sandy gravelly clay with some cobbles of mixed lithology including clinker. Gravel is fine to coarse sub angular to sub rounded mixed lithology.		
0.40		D		(0.50)			MADE GROUND: Light brown slightly friable reworked sandy clay with abundant pockets of grey and orange brown sandy clay and some subangular to subrounded gravel and cobbles of mixed lithology including rare brick.		
0.90		D		(0.30)			MADE GROUND: Grey clay with abundant pockets of orange brown sandy clay. Land drain encountered at 0.9m.		
1.50		D		(0.20)	1.20		MADE GROUND: Light brown medium sand.		
					84 (1.50)	2	Soft to firm brown very sandy CLAY with abundant pockets of orange brown and grey clayey sand.		
3.00		D		(0.80)		3	Soft to firm brown CLAY with occasional pockets of orange brown clay.		
						3.50	End of Trial Pit at 3.50 m		
						82	4		
						81	5		
						80	6		
						79	7		
						78	8		
						77	9		





GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390308.20 N - 382126.01	GROUND ELEVATION (mAOD) 84.411	HOLE DEPTH (m) 2.70	Sheet 1 of 1	TRIAL PIT TP47
PLANT	DIMENSIONS -	DATE 19/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50


SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Brown reworked sandy clay with occasional pockets of orange brown sandy clay and some fine to coarse sub angular to sub rounded gravel of mixed lithology and charcoal cobbles.		
0.40		HV	1 - 72kPa						
0.40		HV	2 - 66kPa						
0.40		HV	3 - 70kPa	(0.80)			Firm grey CLAY with abundant pockets of orange brown sandy clay. Pockets of light brown sand from 0.7m		
0.40		D							
1.20		D		83 (0.50)		1.00	1 Light brown medium SAND with some lenses of orange brown sand and occasional plant remains		
						1.50			
1.80		D					Grey medium to coarse SAND with some medium light brown sand.		
				82 (1.00)		2.00			
						2.50			
2.70		D		(0.20)		2.70	3 Brown gravelly cobbly SAND. Gravel is fine to coarse subangular to subrounded of mixed lithology. Cobbles are of mixed lithology.		
							End of Trial Pit at 2.70 m		
				81		3.00			
				80		4.00			
				79		5.00			
				78		6.00			
				77		7.00			
				76		8.00			
				75		9.00			





GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390173.02 N - 382036.36	GROUND ELEVATION (mAOD) 83.703	HOLE DEPTH (m) 2.80	Sheet 1 of 1	TRIAL PIT TP48
PLANT	DIMENSIONS -	DATE 23/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Dark brown sandy clayey topsoil [reworked].		
0.50		D		(0.50)			Soft light brown very sandy CLAY.		
0.90		D		83 (0.80)		1	Light brown gravelly fine to medium SAND. Gravel is fine subangular of quartz.		
1.80		D		82 (1.30)		2	Light brown clayey fine SAND. Running sand ingress at 1.5m		
2.80		D		81		3	End of Trial Pit at 2.80 m		
				80		4			
				79		5			
				78		6			
				77		7			
				76		8			
				75		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Sides unstable collapse of sidewalls - pit completed at 2.8m. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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



SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 389977.41 N - 381844.28	GROUND ELEVATION (mAOD) 84.427	HOLE DEPTH (m) 2.70	Sheet 1 of 1	TRIAL PIT TP49
PLANT	DIMENSIONS -	DATE 18/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl) (m)	DEPTH (mbgl)	DESCRIPTION		
0.10		D		(0.20)	0.20		MADE GROUND: Dark brown sandy gravelly clay with some cobbles of mixed lithology including concrete and clinker. Gravel is subangular to subrounded of mixed lithology including concrete and clinker.		
				(0.20)	0.40				
0.70		D		(1.00)			MADE GROUND: Brown clay with abundant pockets of orange brown sandy clay [reworked].		
1.00		HV	1 - 50kPa	83		1	Soft to firm light brown / grey CLAY with abundant pockets of orange brown and dark brown sandy clay and rare subangular to subrounded gravel and cobbles of mixed lithology. Abundant pockets of orange brown and grey sand from 0.8m.		
1.00		HV	2 - 42kPa						
1.00		HV	3 - 68kPa						
1.80		D		1.40					
1.80		HV	1 - 46kPa	(1.00)		2	Firm brown CLAY with abundant pockets of orange brown and rare pockets of grey sandy clay and some fine to coarse subangular to subrounded gravel and cobbles of mudstone. Becoming stiff from 2.2m.		
1.80		HV	2 - 50kPa	82					
1.80		HV	3 - 44kPa						
1.80		D							
2.60		D		2.40			Firm to stiff CLAY with abundant lenses of medium light brown sand.		
				(0.30)	2.70				
				81		3	----- End of Trial Pit at 2.70 m		
				80		4			
				79		5			
				78		6			
				77		7			
				76		8			
				75		9			


GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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





SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390088.50 N - 381864.10	GROUND ELEVATION (mAOD) 83.294	HOLE DEPTH (m) 2.70	Sheet 1 of 1	TRIAL PIT TP50
PLANT	DIMENSIONS -	DATE 19/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl)	DEPTH (mbgl)	DESCRIPTION			
0.10		D		(0.20)		0.20	MADE GROUND: Light brown sandy clay with abundant pockets of orange brown sandy clay [reworked].			
0.50		HV	1 - 58kPa	(0.50)			Firm brown sandy CLAY with abundant pockets of orange brown and grey very sandy clay.			
0.50		HV	2 - 60kPa							
0.50		HV	3 - 54kPa			0.70				
0.50		D					Firm grey sandy CLAY with some pockets of orange brown sandy clay and rare fine to coarse rounded to subrounded gravel and cobbles of plant remains. Abundant pockets of medium light brown sand from 1.5m.			
1.00		HV	1 - 52kPa	82		1				
1.00		HV	2 - 58kPa							
1.00		HV	3 - 54kPa	(1.20)						
		D					Light brown / grey medium SAND.			
2.10		D		81		2				
							Grey sandy fine to coarse sub angular to sub rounded GRAVEL and COBBLES of mixed lithology.			
2.70		D				2.70	End of Trial Pit at 2.70 m			
				80		3				
				79		4				
				78		5				
				77		6				
				76		7				
				75		8				
				74		9				

GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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SITE Woodford Phase 1 SI		CLIENT Avro Heritage Ltd			
PROJECT NUMBER A1065-00	CO-ORDINATES E - 390393.04 N - 381868.71	GROUND ELEVATION (mAOD) 84.137	HOLE DEPTH (m) 2.30	Sheet 1 of 1	TRIAL PIT TP51
PLANT	DIMENSIONS -	DATE 19/01/2012	LOGGED BY	CHECKED BY	SCALE 1:50

SAMPLES & TESTS				STRATA				LEGEND	WATER	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (mAOD)	BASE (THICKNESS) (mbgl (m))	DEPTH (mbgl)	DESCRIPTION			
0.10		D		(0.30)		0.30	MADE GROUND: Reworked brown sandy clay with rare fine to coarse subangular to subrounded gravel and cobbles of mixed lithology.			
0.50		D		(0.50)		0.80	MADE GROUND: Medium light brown reworked clayey sand with abundant pockets of orange brown and grey sand. Clay land drain encountered at 0.5m.			
1.00		HV	1 - 108kPa	83 (0.40)		1	Firm to stiff brown CLAY with abundant pockets of orange brown and grey sandy clay and some fine to coarse subangular to subrounded gravel and cobbles of mixed lithology.			
1.00		HV	2 - 62kPa			1.20				
1.00		HV	3 - 76kPa							
1.00		D					Medium light brown SAND with lenses of soft grey clay and some fine to coarse subangular to subrounded gravel and cobbles of mixed lithology. Grey clay lenses absent from 1.8m.			
1.50		D		(1.10)		2				
2.30		D				2.30	End of Trial Pit at 2.30 m			
				81		3				
				80		4				
				79		5				
				78		6				
				77		7				
				76		8				
				75		9				

GROUNDWATER DEPTH (m)      BEHAVIOUR	REMARKS Trial pit remained stable. No groundwater encountered. Trial pit backfilled with arisings.  Material logged in general accordance with BS 5930 (as amended) & BS EN ISO 14688	KEY B - Bulk disturbed sample      HV - In Situ Hand Vane Test D - Disturbed samples (plastic tub)      M - In Situ Mexecon CBR Test G - Disturbed sample (glass jar)      P - In Situ CBR Plate Test ES - Disturbed sample (tub and jar)      PID - Photo Ionisation Detector W - Water sample
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