SITE					CL	IENT	-					100.0014			and the second
	Wo	odfor	rd Phase 1	I SI			A١	vro l	Heritag	e Ltd		BAB	SY	STE	MS
PROJEC	T NUMB	ER	CO-ORDINAT		GROL	IND EL	EVATIO	N (mA	OD) HC	LE DEPTH (m	ı)		В	OREHOLI	E
А	1065-00	C		9389.61 2143.52		8	36.666			10.00		Sheet 1 of	1	BH	HL01
METHOD	)		CASING		DATE		/01/201	2	LO	GGED BY AW		CHECKED BY	S	CALE	1:50
SAMP	LES 8	<b>TES</b>	TS		STI	RAT	Ą								
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESUL	TS	LEVEL (mAOD)	B. (THIC mb	ASE KNESS) [ gl (m) (	DEPTH (mbgl)	DESCRI	PTION				LEGEND	WATER BACK
0.30	0.00	D			-	0.20	(0.20)		Soft b		SILT with c	organic odour	/		
					-		(1.10)		Soft to with s	o firm brown ome subang	sandy sligl ular to sub	htly silty CLAY rounded gravel.			
0.80	0.00	D			- 86		(1.10)	1-						4 1 4 1 4 1 4 1 4 4 4 4 4 4 4 4 4 4 4 4	
1.30	0.00	D			-	1.30		-	 Firm b		AV with so	me fine to mediun	•	×	
1.50 1.50	1.95 0.00	S SPTLS	N=13 ( 1, 2 -	2, 3, 4, 4)			(0.80)		suban litholo	gular to subr	rounded gr	avel of mixed			
2.10	0.00	D			- 85	2.10		2	Red b	rown slightly ne fine subro	silty SANI	D with ocassional vel of mixed			
2.50 2.50	2.95 0.00	S SPTLS	N=15 (1, 2 -	2, 3, 5, 5)	- - -				litholo		giu			XXXXX	
3.00	0.00	D			- 84		(1.80)	3-							
3.50 3.50	3.95 0.00	S SPTLS	N=11 ( 1, 2 -	2, 2, 3, 4)				-							
4.00	0.00	D			- 83	3.90	(0.60)	4-	Very s ocass	soft red brow ional fine and	n very san gular to su	dy SILT with brounded gravel.		× × × × × × × × × × × × × × ×	
4.50 4.50	4.95 0.00	S SPTLS	N=0 ( 0, 0 -	0, 0, 0, 0)		4.50		-	Very s	soft to firm cla	ayey red b	rown sandy SILT ed gravel. Sand		X X X X X (* X X X X X X X X (* X X X X	
5.00	0.00	D			- 82			5-				s with depth.		(* * * * * * * * * * * * * * * * * * * *	
					-			-						(	
6.00 6.00	6.45 0.00	S SPTLS	N=11 ( 1, 2 -	3, 2, 3, 3)	- 			6-						× × × × × (	
6.50	0.00	D						-						(***** ***** (***** *****	
					- 80			7-						× × × × × < × × × × × × × × × * × × × ×	
7.50	7.95	S	N=2(1,0-	0 1 0 1)			(5.50)	-						x x x x x (x x x x x x x x (x x x x (x x x x x x x x x x x x	
7.50 7.50	0.00	SPTLS		υ, ι, υ, ι <i>j</i>				-							
8.00	0.00	D			- - -			8						2. X.X.X.X	
					-									(x x x x x x x x x (x x x x x x x x x x x x x x	
9.00 9.00	9.45 0.00	S SPTLS	N=12(1,2-	2, 3, 4, 3)	- 78			9-						× × × × × × × × × × × × × × × × × × ×	
9.50	0.00	D												( * * × × * * × * * * * * * * * * * * * *	
						10.00				· <u>-</u> - <i>-</i>				× × × × × (	
GROUNI	OWATER			REMARK	S					Endo	of Borehole a	it 10.00 m	KEY	aliature -	malo
DEPTH (	m) I	BEHAVI	OUR	Water added		-	_	-				BAE Cable Percussion Log	D - Dis G - Dis DG - D U - Uno W - Wa S - Sta	listurbed U100 ter sample ndard Penetra	s (plastic tub) (glass jar) le (tub and jar) ) sample

SITE					CLI	IENT					PAR	e v e T I		
	Wo	odfoi	rd Phase 1	SI			A	vro l	Herita	age Ltd	BAES	91911	-IMR	ອ
PROJEC	T NUMB	ER	CO-ORDINAT		GROU	IND EL	EVATIO	N (mA	OD)	HOLE DEPTH (m)		BOREHO	E	
А	1065-00	)		0504.87 1930.03		8	85.575			10.00	Sheet 1 of 1	В	HL02	
METHO	)		CASING		DATE		)/01/201	12		LOGGED BY AW	CHECKED BY	SCALE	1:50	
SAMP	LES 8	TES	TS		STR	RAT						Į		
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULT	TS	LEVEL (mAOD)	B. (THIC mb	ASE KNESS) gl (m)	DEPTH (mbgl)	DESC	RIPTION		LEGEND	WATER	BACKFIL
0.40	0.00	D				0.30	(0.30) (1.10)	- - - - - - - - - - - - - - - - - - -	odo MA	DE GROUND: Brown s our. DE GROUND: Mottled ovel and ocassional lens	orange brown clay with	_		
1.50 1.50	1.95 0.00	S SPTLS	N=10 ( 1, 2 -	2, 3, 2, 3)		1.40	(0.50)			wn silty SAND.				
2.00	0.00	D				2.40	(0.50)	2	silty	y soft brown thinnly lam , slightly sandy CLAY.		× × ×		
2.50 2.50 3.00	2.95 0.00 0.00	S SPTLS D	N=11 ( 1, 2 -	2, 3, 3, 3)				3-	Bro qua	wn slightly silty medium artz, coal, sandstone an	n to coarse SAND of d limestone.	x x x x x x x x x x x x		
3.50	3.95	s	N=16 ( 2, 3 -	4 3 4 5)	-			3				x * * * x * * *		
3.50	0.00	SPTLS		., ., ., ., .,	-		(2.50)	-				× × × ×	0	
4.00	0.00	D			- 82			4-				x		
4.50 4.50	4.95 0.00	S SPTLS	N=23 ( 3, 4 -	5, 6, 6, 6)	-							x * x ; x * x ;		
5.00	0.00	D			81	4.90		5-	Sof	t brown very sandy SIL	Т.	× × × × × × × × × × × × × × × × × × ×		- 7
5.50 5.50	5.95 0.00	S SPTLS	N=8 (1, 1 - 2	2, 1, 2, 3)			(1.10)					( X X X X X X X X X ( X X X X X X X X ( X X X X	ć	
6.00	0.00	D			- 80 - - -	6.00		6		wn slighty silty medium າ some fine to medium ູ		××××		
7.00 7.00	7.45 0.00	S SPTLS	N=15 ( 2, 2 -	4, 3, 4, 4)			(1.50)	7						
7.50	0.00	D				7.50		8	slig	f to very stiff brown thin htly sandy SILT with oc gular to subrounded gra	assional fine	X X X X (* * X X (* * X X X X X X		
8.50 8.50	8.95 0.00	S SPTLS	N=31 ( 3, 5 -	6, 7, 9, 9)			(2.50)					(		
9.00	0.00	D			-  - 77		(2.50)	9				C H ( H, X, Y X, X, X, X) C H ( X, X, X) X, X, X, X C H ( X, X, X)		
9.50 9.50	9.95 0.00	S SPTLS	N=36 ( 4, 6 -	8, 8, 9, 11)		10.00						7 × × × × (× × × × 7 × × × (× × × × × × × (× × × × × × × × × ×		
GROUNI	OWATER			REMARKS		10.00				End of Borehole	e at 10.00 m	KEY	1	
DEPTH ( 3.10	m) I	BEHAVI		Material logged in ger		ance with	BS EN IS	6O 1468	8		BAE Cable Percussion Log v1.4	B - Bulk disturbed s D - Disturbed samp G - Disturbed samp DG - Disturbed sam U - Undisturbed U11 W - Water sample S - Standard Penett C - Standard Penet	les (plastic tu le (glass jar) ple (tub and 00 sample ration Test	jar)

SITE					CLI	ENT	-							1
	Wo	odfo	rd Phase 1	SI			Av	vro H	Herit	age Ltd	BAE	SYSTI	EMS	)
PROJEC	T NUMB	ER	CO-ORDINATE	ES	GROU	ND ELI	EVATIO	N (mA	OD)	HOLE DEPTH (m)		BOREHOL	E	
Ą	1065-0	0	E - 390 N - 382			8	86.859			10.00	Sheet 1 of 1	BI	HL03	
METHO	)		CASING		DATE	16	/01/201	2		LOGGED BY AW	CHECKED BY	SCALE	1:50	
SAMF		TES	TS		STF					I				
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULT	rs	LEVEL (mAOD)	B/ (THIC mbj	ASE KNESS) [ gl (m) (	DEPTH (mbgl)	DES	CRIPTION		LEGEND	WATER B	BACKFIL
0.30	0.00	D			-	0.30	(0.30)			oft brown sandy SILT wit opsoil].	th organic odour			
								-	Sc	oft very sandy orange mo	ottled grey CLAY.			
0.90	0.00	D			- 86		(1.10)	1-						
1.50 1.50	1.95 0.00	S SPTLS	N=3 (1, 2 - 1	, 0, 1, 1)	- - - -	1.40		-	OC	ey silty medium to coars casional fine gravel. Wo	se SAND with bod at base of			
2.20	0.00	D			- 85		(1.40)	2	str	atum.				
2.50 2.50	2.95 0.00	S SPTLS	N=10 ( 2, 1 -	2, 2, 3, 3)		2.80		-						
3.20	0.00	D			84			3-		m brown sandy SILT / ( bangualr gravel of mixe				
3.50 3.50	3.95 0.00	S SPTLS	N=20 ( 2, 3 -	4, 5, 5, 6)	-									
4.20	0.00	D			83		(2.00)	4-						
4.50 4.50	4.95 0.00	SPTLS	N=22 ( 3, 4 -	5, 5, 6, 6)				-						
					- 82	4.80		5	wi	own slightly silty mediur th fine subrounded grav	n to coarse SAND el and ocassional			:::=:
5.20	0.00	D						-	cla	ay lenses.				
5.50 5.50	5.95 0.00	C SPTLS	N=32 ( 3, 5 -	7, 8, 8, 9)	-			-						
6.00	0.00	D			-81 -			6-						
					-		(3.50)							
7.00 7.00	7.45 0.00	S SPTLS	N=36 ( 4, 6 -	6, 7, 11, 12)				7-						
7.60	0.00	D												
					-79			8-						
8.50	0.00	D				8.30		- - - -	Fir	m brown silty CLAY with	h some fine gravel.	× ×		
					- 78		(1.70)	9-						
9.50 9.50	9.95 0.00	S SPTLS	N=43 ( 3, 5 -	9, 11, 13, 10)										
						10.00				End of Boreho				
GROUN				REMARKS								KEY B - Bulk disturbed sa	ample	
DEPTH ( 4.80		BEHAVI e to 3.61	OUR 1 after 20 mins									D - Disturbed sampl G - Disturbed sampl DG - Disturbed sam U - Undisturbed U10 W - Water sample S - Standard Penetr C - Standard Penetr	es (plastic tub) e (glass jar) ple (tub and jar) 00 sample ation Test	

SITE					CLIEN	IT		424		
	Wo	odfo	rd Phase 1	SI		Avro I	Heritage Ltd	BAE	SYSTE	MS
PROJEC	T NUMB	ER	CO-ORDINAT	ES	GROUND	ELEVATION (mA	OD) HOLE DEPTH (m)		BOREHOL	E
А	1065-0	0		0968.90 2462.75		88.409	10.00	Sheet 1 of 1	Bł	HL04
METHO	)		CASING		DATE	17/01/2012	LOGGED BY AW	CHECKED BY	SCALE	1:50
SAMP	LES 8	TES	TS		STRA	ТА				
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESUL	TS	LEVEL (T (mAOD) (T	BASE HICKNESS) DEPTH mbgl (m) (mbgl)	DESCRIPTION		LEGEND	WATER BACK
					- 0.3	(0.30)	Soft brown sandy SILT wi [Topsoil].	ith organic odour		
0.50	0.00	D				-	Grey silty SAND with sub- gravel.	angular to subrounded	x	
1.00	0.00	D			-87	<sup>(1.30)</sup> 1				
1.50 1.50	1.95 0.00	S SPTLS	N=2(1,0-0	0, 0, 1, 1)	- 1.6	0	Soft grey sandy SILT . Sli	abt organic odour	× × × × ×	
2.00	0.00	D			- 86	(0.70) 2	Son grey sandy SILT. Sh	gni organic odour.	(	
2.50 2.50	2.95 0.00	S SPTLS	N=23 ( 2, 4 -	5, 6, 5, 7)	- 2.3	0 -	Soft to firm red brown sar much fine subrounded gra increases with depth.	ndy CLAY / SILT with avel. Clay content		
3.00	0.00	D			- 85	3-				
3.50 3.50	3.95 0.00	S SPTLS	N=27 ( 3, 4 -	6, 7, 7, 7)		(2.20)				
4.00	0.00	D			- 84	4				
4.50 4.50	4.95 0.00	S SPTLS	N=18 ( 2, 3 -	3, 4, 5, 6)	- 4.5	0	Soft to firm brown thinnly sandy very clayey SILT.	laminated slightly		
5.00	0.00	D			-83	5-			(* * * * * * * * * (* * * * * * * * * (* * * *	
5.50 5.50	5.95 0.00	S SPTLS	N=20 ( 2, 4 -	4, 5, 6, 5)	-	-			× × × × ×	
6.00	0.00	D			- 82	6			(X X X X X X X X (X X X X X X X X	
7.00 7.00	7.45 0.00	S SPTLS	N=28 ( 3, 5 -	6, 7, 7, 8)		7-7			X X X X X X X X X X X X X X X X X X X	☑
7.50	0.00	D	2		-	(5.50)			CX X X X X X X X CX X X X X X X X CX X X X	
					- 80	8-			x x x x x ( x # x x x x x x x ( x # x x x ( x # x x x x x x x	
8.50 8.50	8.95 0.00	S SPTLS	N=20 ( 2, 3 -	5, 4, 5, 6)	-					
					- 79	9-				
9.50 9.50	9.95 0.00	S SPTLS	N=24 ( 3, 4 -	5, 6, 7, 6)					(	
					10.0	00 -	End of Boreho		× × × × ×	
GROUNI DEPTH ( 6.80	(m)	BEHAVI		REMARK		vith BS EN ISO 1468	3	BAE Cable Percussion Log v1.4	KEY B - Bulk disturbed sample G - Disturbed sample DG - Disturbed samp U - Undisturbed V10 W - Water sample S - Standard Penetrr C - Standard Penetrr	es (plastic tub) e (glass jar) ole (tub and jar) 0 sample ation Test

SITE				CLIENT			PAR	CVCT I	MC	
W	oodfor	d Phase 1	SI		Avro H	Heritage Ltd	DAE	SYST	-ms	
PROJECT NUME	BER	CO-ORDINAT	ES	GROUND EL	EVATION (mAG	DD) HOLE DEPTH (m)		BOREHOL	E	
A1065-0	0		9648.17 2814.37	ç	90.906	25.00	Sheet 1 of 3	Bł	IR01	
METHOD		CASING		DATE 27.	/01/2012	LOGGED BY AW	CHECKED BY	SCALE	1:50	
SAMPLES a	& TES	TS		STRAT						
TOP (mbgl) BASE (mbgl)	TYPE	TEST RESUL	TS	LEVEL (THIC (mAOD) mb	ASE KNESS) DEPTH gl (m) (mbgl)	DESCRIPTION		LEGEND	WATER BACKFIL	
					(0.40)	MADE GROUND: Concre	ete			
				- 0.40 	(0.90)	MADE GROUND: Brown concrete, brick and bitum	sand with gravel of en.			
1.20         1.65           1.20         0.00	S SPTLS	N=21 ( 4, 6 -	8, 6, 4, 3)	- 1.30		Stiff to very stiff brown sa silty CLAY with subround	ndy slightly	79-7- 7-2-7-		
1.75 0.00	D				-	gravel.	ee to cabangula			
2.00 2.45 2.00 0.00	SPTLS	N=7 ( 1, 2 - 1	1, 2, 2, 2)		2-					
3.00 3.45 3.00 0.00	S SPTLS	N=10 ( 1, 2 -	2, 3, 2, 3)	- - 	(3.70) 3-					
4.00 4.45 4.00 0.00	S SPTLS	N=10 ( 1, 2 -	3, 2, 3, 2)	- 87  -	4					
5.00 5.45 5.00 0.00	S SPTLS	N=29 ( 3, 4 -	6, 8, 7, 8)	- - 86 5.00 - - -	5	Red brown silty medium t some fine to medium sub gravel. Variable silt conte	rounded to rounded			
6.50 6.95 6.50 0.00	S SPTLS	N=26 ( 4, 5 -	7, 6, 7, 6)	- 	6					
				- 84 - - - - -	(4.30)					
8.00 8.45 8.00 0.00	S SPTLS	N=27 ( 3, 4 -	6, 7, 6, 8)	- 83 	8					
9.50 9.95 9.50 0.00	S SPTLS	N=14 ( 2, 3 -	3, 4, 3, 4)		9	Soft to firm red brown ver lenses of grey brown silty	y sandy SILT. Some sand.			
				F - -	-	Continued	next sheet	(X X X X X X X X X (X X X X		
. ,	BEHAVI			eneral accordance with	BS EN ISO 14688		BAE Cable Percussion Log v1.4	KEY B - Bulk disturbed sampl G - Disturbed sampl G - Disturbed sampl D - Disturbed sampl U - Undisturbed U10 W - Water sample S - Standard Penetr C - Standard Penetr	es (plastic tub) e (glass jar) ble (tub and jar) 0 sample	

SITE				CLIENT		PAR	CVCTEMC.
	Wo	odfor	d Phase 1 SI	Avro H	leritage Ltd	DAE	SYSTEMS
PROJEC	T NUMB	ER	CO-ORDINATES	GROUND ELEVATION (mAO	D) HOLE DEPTH (m)		BOREHOLE
A	1065-00	)	E - 389648.17 N - 382814.37	90.906	25.00	Sheet 2 of 3	BHR01
METHOD	)		CASING	DATE 27/01/2012	LOGGED BY AW	CHECKED BY	SCALE 1:50
SAMP	LES 8	TES	TS	STRATA			
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (THICKNESS) DEPTH (mAOD) (mbgl) (m) (mbgl)	DESCRIPTION		LEGEND WATER BACK
11.00 11.00	11.45 0.00	S SPTLS	N=16 ( 2, 3 - 4, 3, 4, 5)	- 80 (3.70) - 12 - 79	Soft to firm red brown ver lenses of grey brown silty		
12.50 12.50	12.95 0.00	S SPTLS	N=14 ( 3, 4 - 3, 4, 3, 4)	13.00 13	Red brown slightly silty S		
13.50 13.50	13.95 0.00	S SPTLS	N=9(2,1-2,2,3)	- 78	to subrounded gravel.	AND WITH Subangular	te stelle, stelle valle, stelle te stelle stelle, stelle te stelle, stelle valle, stelle
				- 77			e sole sole sole sole e sole sole e sole sole e sole sole e sole sole e sole sole
14.50 14.50	14.95 0.00	S SPTLS	N=11 ( 1, 2 - 3, 2, 3, 3)	(3.00) (3			alle alle alle a des alle alle alle alle alle alle
16.00	0.00	D		- 16.00 16	Firm red brown thinnly lar sandy SILT.	ninated slightly	(x)
17.00	0.00	D		- 17- -74			
18.00	0.00	D		- 18- -73 -			
19.00	0.00	D		- 19 - 72 - 19.30			
20.00	0.00	D			Red brown silty fine to me subangular gravel of mixe		
0.0001					Continued	next sheet	
GROUNI DEPTH ( 13.00	. ,	BEHAVIO	0 after 20 min <b>s</b>	general accordance with BS EN ISO 14688		BAE Cable Percussion Log v1.4	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

SITE	Wc	odfo	rd Phase 1	I SI	CLIENT Avro F	Heritage Ltd		BAES	SYST	EMS	
	T NUMB			TES 9648.17 2814.37	GROUND ELEVATION (mAi 90.906	DD) HOLE DEPTH (1 25.00	m)	Sheet 3 of 3	BOREHO	HR01	
METHO	)		CASING		DATE 27/01/2012	LOGGED BY AW		KED BY	SCALE	1:50	
SAMP	LES 8	TES	TS		STRATA				Į		
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESUL	.TS	LEVEL (THICKNESS) DEPTH (mAOD) (mbgl (m) (mbgl)	DESCRIPTION			LEGEND	WATER BAC	CKFILL
21.00 22.00 23.00	0.00	D			$\begin{array}{c} 21 \\ 70 \\ (4.70) \\ 22 \\ 69 \\ 23 \\ 68 \\ 23 \\ 68 \\ 23 \\ 68 \\ 23 \\ 67 \\ (1.00) \\ 25 \\ 66 \\ 26 \\ 65 \\ 26 \\ 65 \\ 26 \\ 65 \\ 65$	Red brown silty fi subangular grave	l of mixed litholog	y. laminated			
					64						
					- 28-						
					-62						
GROUNI DEPTH ( 13.00	(m) E	BEHAVI to 11.5	OUR 50 after 20 min		accordance with BS EN ISO 14688		BAE Ca	ible Percussion Log v1.4	KEY B - Bulk disturbed s D - Disturbed sam G - Disturbed sam DG - Disturbed sam U - Undisturbed UT W - Water sample S - Standard Penet C - Standard Penet	bles (plastic tub) ble (glass jar) nple (tub and jar) 100 sample	one)

SITE					CLIEN	Г					New Yorks
	Wc	odfor	rd Phase 1 \$	SI		Avro I	Herit	age Ltd	BAE	SYSTI	EMS
PROJEC	TNUMB	ER	CO-ORDINATE	S	GROUND EL	EVATION (mA	OD)	HOLE DEPTH (m)		BOREHOL	.E
А	1065-00	)	E - 3894 N - 3826		2	90.776		34.00	Sheet 1 of 4	Bł	HR02
METHOD	)		CASING		DATE 31	/01/2012		LOGGED BY AW	CHECKED BY	SCALE	1:50
SAMP	LES 8	TES	TS		STRAT						
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	S	LEVEL (THIC (mAOD) mb	ASE CKNESS) DEPTH ogl (m) (mbgl)	DES	CRIPTION		LEGEND	WATER BACKF
0.00	0.45		N=0 ( 0, 0 - 0,	0, 0, 0)		(0.25)	MA	ADE GROUND: Concre	ete		
0.30	0.00	D			- 0.25	-	MA	ADE GROUND: Brown	sand with gravel of		
0.60	0.00	D			-	-	CO	ncrete, brick and bitum	en.		
						(1.15)					
					_ 90						
1.50	1.95	s	N=13(1, 2 - 3	. 3. 4. 3)	1.40		So	ft black sandy SILT wit	h some subangular	x x x x x	
1.50	0.00	SPTLS		, -, -, -,		-		avel.	n como cabangalar	( * × × × × × × × ( * × × ×	
2.00	0.00	D				(0.90) 2				X X X X X ( × X X X X X X X	
					- 2.30					( * * * * * * * * * *	
2.50	2.95 0.00	S SPTLS	N=15 ( 2, 3 - 3	, 4, 3, 5)	-	-	Fir to	m brown slightly sandy medium subrounded gi	CLAY with some fine		
2.50	0.00	SPILS			-	-		-		空度 (2) 合适合	
3.00	0.00	D			<u>-</u> 88	3-					
						-					
3.50 3.50	3.95 0.00	S SPTLS	N=28 (4, 5 - 6	6, 7, 7, 8)		-					
					-	-					
4.00	0.00	D			87 	4					
4.50	4.05					-					
4.50 4.50	4.95 0.00	S SPTLS	N=25 (3, 5 - 5	, 6, 7, 7)	-	-					
5.00	0.00	D			- 86	5-					
0.00	0.00					- -					
5.50	5.95	s	N=24 (3, 4 - 5	, 6, 6, 7)	-	-					
5.50	0.00	SPTLS	5		-	(7.00)					
6.00	0.00	D				6-					
					-	-				な点の	
						-					
						-				11月1日 11月1日 11月1日	
7.00 7.00	7.45 0.00	S SPTLS	N=28 (4, 5 - 6	6, 7, 7, 8)	- 84	7-					
					-  -						
7.50	0.00	D			Ē	-					
										122	
					_ 00	o - -				10月1日 10月1日 10月1日	
8.50	8.95	s	N=21 ( 3, 4 - 4	, 5, 6, 6)	Ē						
8.50		SPTLS		. ,		-					
9.00	0.00	D				9-					
9.30	0.00	D			9.30	+	~	#	0.1. 7	×××××	
					-		So	ft orange brown sandy	SILT.	(	
						-				( × × × × × × × × × × ( × × × ×	
10.00 10.00	10.45 0.00	S SPTLS						Continued	next sheet	x x x x x (	
	DWATER			REMARKS		2m hali di T				KEY B - Bulk disturbed sa	
DEPTH (	(in) E	BEHAVI		Water added 9	-	-	-	o 33.Um bgi	BAE Cable Percussion Log v1.4	D - Disturbed sampl G - Disturbed sampl DG - Disturbed sam U - Undisturbed U10 W - Water sample S - Standard Penetr C - Standard Penetr	e (glass jar) ple (tub and jar) 00 sample

SITE				CLIENT			PAE	evere	MS
	Wo	odfor	d Phase 1 SI		Avro He	eritage Ltd	BAL	SYSTE	me
PROJEC	T NUMBI	ER	CO-ORDINATES	GROUND ELEVA	TION (mAOE	) HOLE DEPTH (m)		BOREHOLE	
A	1065-00	)	E - 389417. N - 382654.	90.7	76	34.00	Sheet 2 of 4	BH	R02
METHOD	)		CASING	DATE 31/01/	2012	LOGGED BY AW	CHECKED BY	SCALE	1:50
SAMP	LES &	TES	TS	STRATA				Į	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL BASE (mAOD) (THICKNES) mbgl (m)	S) DEPTH (mbgl) D	ESCRIPTION		LEGEND	WATER BACKFI
10.50	0.00	D		- (2.:	20)	Soft orange brown sandy	y SILT.	× ×	
11.50 11.50 12.00	11.95 0.00 0.00	SPTLS D	N=7 (1, 0 - 1, 2, 3	2, 2) = 11.50 - 79	11	Soft orange brown very s subrounded gravel. Varia depth.	sandy SILT with fine able sand content with	X X X X X X X X X X X X X X X X X X X	
13.00 13.00		S SPTLS	N=1 ( 1, 0 - 0, 1, 1	0, 0) - 78 (3.	10) 13 -			2 x x x x	
13.50	0.00	D		- 77	- - - 14 - -			2 × 3 × 3 2 × 52 × 7 2 × 52 × 5 2 × 52 × 5 2 × 5 × 5 2 × 5	
14.50 14.50	14.95 0.00	S SPTLS	N=12 (1, 2 - 3, 3,	2, 4)14.60		<b>-</b>		× × × × × ( × × × × × × × × × ×	
15.00	0.00	D		- 76	15	Firm red brown thinnly la SILT with fine to medium	iminated very sandy n subrounded gravel.	(****** (****** ****** ****** ****** ******	
16.00	0.00	D		- - 	16			(* 5. x x 2 x x x x	
17.00	0.00	D		- - 	- - 17- - - - - -			R x X X X R x X X R x X X X (X X X X X (X X X X X (X X X X) (X X X) (X X X X) (X X	
18.00	0.00	D		- (6. - 73	<sup>00)</sup>			R x X 705 C +	
19.00	0.00	D		72	19			2 × 2 × 2 × 2 2 × 2 × 2 × 2 2 × 2 × 5 2 × 3 × 5 2 × 5	
						Continued	d next sheet	(* * * 2, 7 2 × 2 × 5 (* * 2, 2, 7 2 × 2, 2, 5 (* × 2, 2, 7 2 × 2, 2, 5 (* × 2, 2, 7 2 × 2, 2, 5 (* × 2, 2, 7) 2 × 2, 5 2 × 5	
GROUNI DEPTH (	DWATER (m) E	3EHAVI	OUR Wa	MARKS ter added 9.0m bgl to 11.3m	-	bgl to 33.0m bgl	BAE Cable Percussion Log v1.4	KEY B - Bulk disturbed samples G - Disturbed sample ( DG - Disturbed sample ( U - Undisturbed U100 c W - Water sample S - Standard Penetratio C - Standard Penetratio	(plastic tub) glass jar) (tub and jar) ample n Test

SITE				CLIENT		BAES	VCT	MS
	Wo	odfor	d Phase 1 SI	Avro I	Heritage Ltd	DAES	an sin	ans
PROJEC		ER	CO-ORDINATES	GROUND ELEVATION (mA	OD) HOLE DEPTH (m)		BOREHOL	E
А	1065-00	)	E - 389417.39 N - 382654.34	90.776	34.00	Sheet 3 of 4	BH	IR02
METHOD	)		CASING	DATE 31/01/2012	LOGGED BY AW	CHECKED BY	SCALE	1:50
SAMP	LES &	TES	TS	STRATA				
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL BASE (THICKNESS) DEPTH mbgl (m) (mbgl)	DESCRIPTION		LEGEND	WATER BACKFILI
20.60	0.00	D			Firm red brown thinnly la SILT with fine to medium	minated very sandy subrounded gravel.	× × × × × × × × × × × × × × ×	
21.00	0.00	D		(0.40) 21.00 21	Brown sandy subangular of mixed lithology.	to subrounded GRAVEL		
21.00	0.00	D		-69	Red brown slightly silty S subrounded gravel of coa	AND with some fine		
22.00	0.00	D		22-				
				68 			X	
23.00	0.00	D						
23.00	0.00	D		67 (4.70)				
				- (4.70) -				
24.00	0.00	D		24				
				66				
							X	
				25-				
				-65 -				
				25.70	Red brown very sandy S	II T with some fine	× × × × ×	
26.00	0.00	D		26	subrounded gravel of coa	al.	(* * * * * * * * * * * * * * *	
				64			( * * * * * * * * * * ( * * * * *	
				27			× × × × × < × × × × × × × × ×	
				- 63 -			× × × × × < × × × × × × × × ×	
							x x x x x x x x x x x x x x x	
				- 62 - 28 -			( * * × × * * * × × × * * × × * * * × × *	
28.50	0.00	D		(5.70)			( * * × × * × × × × * ( * * × *	
				- 61 - 29			x x x x x ( k x x x X x x x x ( k x x x x	
							X X X X X X X X X X X X	
							× * * * * * * * * * * * * *	
					Continued	I next sheet	( * ×, ×, ×, ×, × ×, × ×, × ( * ×, ×, ×, ×, ×, ×, ×, ×, ×, ×, ×, ×, ×,	
GROUN			REMA				KEY B - Bulk disturbed sa	mple
DEPTH (	m) E	BEHAVI	OUR Water a	dded 9.0m bgl to 11.3m bgl; 11.5	m bgl to 33.0m bgl		D - Disturbed sample G - Disturbed sample DG - Disturbed samp U - Undisturbed U100 W - Water sample	es (plastic tub) e (glass jar) ele (tub and jar)
			Material logge	d in general accordance with BS EN ISO 1468	8	BAE Cable Percussion Log v1.4	S - Standard Penetra	tion Test ation Test (using cone)

SITE				CLIENT		AL 21 AL	a a contra c	10 8 30 Y
	Wc	odfoi	rd Phase 1 SI	Avro I	Heritage Ltd	BAE	SYSTI	EMS
PROJEC	T NUMB	ER	CO-ORDINATES	GROUND ELEVATION (mA	OD) HOLE DEPTH (m)		BOREHOL	E
	1065-00		E - 389417.39 N - 382654.34	90.776	34.00	Sheet 4 of 4	Bł	HR02
METHOD	D		CASING	DATE 31/01/2012	LOGGED BY AW	CHECKED BY	SCALE	1:50
SAMP	LES 8	TES	TS	STRATA		Į.	Į	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (THICKNESS) DEPTH (mAOD) (mbgl (m) (mbgl)	DESCRIPTION		LEGEND	WATER BACKFILL
31.50	0.00	D		31- 59 31.40 (1.30) 32- 58 32.70 (0.80) 33-	Red brown very sandy SI subrounded gravel of coa Red brown medium to co fine to medium gravel. Stiff brown sandy slightly fine to medium gravel.	I. arse SAND with some		
33.50	0.00	D		$57_{33.50}$ $34.00$ $34_{-}$ $56$ $35_{-}$ $55$ $36_{-}$ $54$ $37_{-}$ $53$ $38_{-}$ $52$ $39_{-}$ $51$ $39_{-}$	Red brown slightly silty m SAND with fine subround End of Boreho	ledium to coarse edto rounded gravel.		
GROUNI DEPTH (	DWATER (m) E	3EHAVI		KS ed 9.0m bgl to 11.3m bgl; 11.5 general accordance with BS EN ISO 14688		BAE Cable Percussion Log v1.4	KEY B - Bulk disturbed sampl G - Disturbed sampl G - Disturbed sampl U - Undisturbed U10 W - Water sample S - Standard Penetrr C - Standard Penetrr	es (plastic tub) e (glass jar) ble (tub and jar) 0 sample

SITE					CLIE	NT				104 CT 15 3	10.000 M	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
	Wo	odfor	rd Phase 1	I SI		Av	vro H	eritage Ltd		BAE	SYSTE	EMS
PROJECT	T NUMBE	R	CO-ORDINAT		GROUND	ELEVATIO	N (mAO	D) HOLE DEPTH (m	n)		BOREHOL	E
A1	1065-00			9765.49 2461.52		88.523		27.00		Sheet 1 of 3	Bł	IR03
METHOD			CASING		DATE	25/01/201	2	LOGGED BY AW	CHE	ECKED BY	SCALE	1:50
SAMPI	LES &	TES	TS		STRA				ł		ł	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESUL	TS	LEVEL (mAOD)	BASE (THICKNESS) ( mbgl (m) (		DESCRIPTION			LEGEND	WATER BACKFI
0.00 0.00	0.45 0.00		N=0 (0, 0-	0, 0, 0, 0)	- - - 0.:	(0.30) 30	-	Soft brown sandy [Topsoil].	SILT with orga	nic odour	× × × × × × × × × × × × × × × × × × ×	
0.50	0.00	D			-			Soft red brown ver ocassional coarse				
					- 88		1-				x x x x x ( x x x x x X x X x x ( x x x x x	
1.50 1.50	1.95 0.00	S D	N=11 ( 1, 2 -	2, 3, 3, 3)		(2.50)	-				X X X X X C X X X X X X X X C X X X X X X X X X X X X X X X X	
2.00	0.00	D					2-				C M X, X, X, X X X X X X C M X, X X X X X X X X C M X, X X C M X, X X	
2.50 2.50	2.95 0.00	S D	N=6 (1, 0-	1, 1, 2, 2)							X X X X X C K X X X X X X X X C K X X X X X X X X X X X X X X X X X X X	
3.00	0.00	D			- 2.1	80	3-	Red brown very si	Ity SAND with	gravel.		
3.50 3.50	3.95 0.00	S D	N=12 ( 1, 2 -	2, 3, 3, 4)	-	(1.10)	-					
4.00	0.00	D			- - 85	90	4-	Very soft sandy SI subangular to sub			× × × × ×	
4.50 4.50	4.95 0.00	S D	N=6 (1, 0-	0, 1, 2, 3)		(0.90)	-				( + + + , + , + , +	
5.00	0.00	D			- 4. - 84	80	5-	Firm red brown sli occasional fine su	ghtly sandy SI bangular to su	LT with brounded	× × × × × × × × × × < × × × × × × × × ×	
5.50 5.50	5.95 0.00	S D	N=20 ( 3, 4 -	5, 4, 5, 6)	-	(1.30)		gravel.			x x x x x x x x x x x x x x x x x x x x	
6.10	0.00	D			- 83 6.	10	6-	Very soft to soft re	d brown yoru	siles /		
								slightly clayey SAN	ND.	ыцу	x * * * * x * * * * x * * * *	
7.00 7.00	7.45 0.00	S D	N=13 ( 4, 5 -	4, 3, 3, 3)		(1.90)	7-					
7.70	0.00	D					-					
8.00	0.00	D			- - 	00	8	Soft brown thinnly	laminated san	dy SILT.	× × × × × × × × × × × × × × × × × × ×	
8.50 8.50	8.95 0.00	S D	N=12 ( 1, 2 -	2, 3, 4, 3)	- - -							
9.00	0.00	D			- 80	(1.80)	9-				(***** ***** ***** *****	
											× × × × × ×	
10.00	10.45	S	N=29 (3, 5 -	6, 7, 8, 8)	- 9.	80		Cc	ontinued next she	et		
GROUND	WATER			REMARK							KEY B - Bulk disturbed sa	Imple
DEPTH (n 16.30		EHAVI to 14.4	OUR 15 after 20 min:	Water added		-		ogl		E Cable Percussion Log v1.4	D - Disturbed sample G - Disturbed sample DG - Disturbed samp U - Undisturbed U10 W - Water sample S - Standard Penetra	es (plastic tub) e (glass jar) ble (tub and jar) 0 sample

SITE				CLIENT		-		100	
	Wo	odfor	d Phase 1 SI	Avro I	Heritage Ltd	BAE	SYSTE	MS	
PROJEC	T NUMBE	ĒR	CO-ORDINATES	GROUND ELEVATION (mA	OD) HOLE DEPTH (m)		BOREHOL	E	
A	A1065-00 E - 389765.49 N - 382461.52 THOD CASING			88.523	27.00	Sheet 2 of 3	BHR03		
METHOD	)		CASING	DATE 25/01/2012	LOGGED BY AW	CHECKED BY	SCALE	1:50	
SAMP	LES &	TES	TS	STRATA					
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (THICKNESS) DEPTH (mAOD) (THICKNESS) (mbgl) (mbgl)	DESCRIPTION		LEGEND	WATER BACKFI	
10.50	0.00	D			Soft to firm thinnly lamina slightly sandy SILT. Clay with depth.	ted brown clayey content is variable	x x x x x (x x x x x x x x (x x x x x x x x x x x x (x x x x x x x x x x x x x x x x		
				- 11- - 77			× × × × ×		
11.50 11.50	11.95 0.00	S D	N=28 (4, 8 - 7, 6, 7, 8)				(		
12.00	0.00	D					x x x x x CX X X X X X X X		
13.00 13.00	13.45 0.00	S D	N=15 ( 2, 3 - 3, 4, 3, 5)						
13.50	0.00	D							
				- 14					
14.50 14.50	14.95 0.00	S D	N=20 (2, 4 - 4, 5, 6, 5)				(		
15.00	0.00	D		- 15-			× × × × × × × × × × × × × ×		
				- 16- - 72			( * * × × × * × × × × ( × × × × * × × × × ( × * × ×		
16.50	0.00	D			Red brown very silty SAN fine subangular gravel of Silt content decreases wi	mixed lithology.			
17.50	0.00	D		- 17					
				- <sub>(3.50)</sub> 18 -					
18.50	0.00	D		- 19-					
19.50	0.00	D							
				- 19.80 -	Firm to stiff sandy SILT w		× × × × × × × × × × × × × × × × × × ×		
GROUNE	WATER		REMARK	_ <u>⊦</u>	Continued	next sheet	KEY		
DEPTH (1 16.30	m) E	BEHAVI to 14.4	OUR Water added I5 after 20 mins	I between 2.0m bgl and 9.0m		BAE Cable Percussion Log v1.4	B - Bulk disturbed sa D - Disturbed sample G - Disturbed sample DG - Disturbed samp U - Undisturbed U10 W - Water sample S - Standard Penetra C - Standard Penetra	es (plastic tub) e (glass jar) ele (tub and jar) D sample	

SITE				CLIENT				
	Wo	odfor	d Phase 1 SI	Avro H	eritage Ltd	BAE	SYSTEMS	ð.
PROJEC	T NUMBI 1065-00		CO-ORDINATES E - 389765.49 N - 382461.52	GROUND ELEVATION (mAOD 88.523	D) HOLE DEPTH (m) 27.00	Sheet 3 of 3	BOREHOLE BHR03	
METHOD	)		CASING	DATE 25/01/2012	LOGGED BY AW	CHECKED BY	SCALE 1:50	
SAMP	LES &	TES	тѕ	STRATA			l.	
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL (THICKNESS) DEPTH (mAOD) (THICKNESS) DEPTH (mbgl (m) (mbgl) D	ESCRIPTION		LEGEND WATER	BACKFILL
20.50	0.00	D		(2.00) 21 67	some fine subrounded gra	avel.	2 × × 55 2 × × 55 2 × 5 × 55 2 × 55	
21.50	0.00	D		21.80	Firm to stiff brown slightly	sandy SILT.		
22.50	0.00	D		65				
23.50	0.00	D		(4.40) 24 - 				
25.00	0.00	D		-63				
26.00	0.00	D		62 <sup>26.20</sup>	Soft brown thinnly laminat	ted sandy SILT.		
				- 27.00 27 - 61	End of Boreho			x(17)3717)39
				- 29 -				
GROUND DEPTH (r 16.30	m) E	BEHAVI	l5 after 20 min <b>s</b>	ed between 2.0m bgl and 9.0m b	ıgi	BAE Cable Percussion Log v1.4	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 C - Standard Penetration Test	r)

SITE	Woodf	ord Phase 1 SI	CLIENT	o He	ritage Ltd	BAES	SYSTE	MS
					1			_
PROJECT N A106	NUMBER 165-00	CO-ORDINATES E - 391296.90 N - 382714.55	GROUND ELEVATION 0 90.193			Sheet 1 of 3	BOREHOLE BHR04	
METHOD		CASING	DATE 20/01/2012		LOGGED BY AW	CHECKED BY	SCALE	1:50
SAMPLE	ES & TE	STS	STRATA				<b> </b>	
TOP BA		E TEST RESULTS	LEVEL BASE (mAOD) (THICKNESS) (mbgl (m) (mbgl (m)		SCRIPTION		LEGEND	WATER BACKF
0.00 0	0.45	N=0(0,0-0,0,0)	- (0.40) - 0.40	- 1	Brown sandy SILT with or	ganic odour [Topsoil]	× × × × × × × × × × × × × ×	
					Soft light brown thinnly lar with some sand lenses. Grey slightly silty SAND w subrounded gravel.	rith subangular to		
			-84 <sub>(1.30)</sub> 6 6.70 -83 7		gravel. Red brown SAND.			
			<b>82</b> (2.60) ξ					
					Firm to stiff red brown slig CLAY with subangular to Continued	subrounded gravel.	1	
GROUNDWA		VIOUR REMA	-	-	Continued	BAE Cable Percussion Log v1.4	KEY B - Bulk disturbed sa D - Disturbed sample G - Disturbed sample DG - Disturbed sample U - Undisturbed U100 W - Water sample S - Standard Penetra C - Standard Penetra	es (plastic tub) e (glass jar) ble (tub and jar) 0 sample

SITE					CLIENT		RAE	SYSTE	MS			
	Wo	odford	d Phase 1	SI	Avro F	Heritage Ltd	BAL	PIPIE	mes_			
PROJEC	T NUMBE		CO-ORDINATE E - 3912 N - 3823	296.90	GROUND ELEVATION (mAC 90.193	DD) HOLE DEPTH (m) 21.80	Sheet 2 of 3	BOREHOLE BHI	R04			
METHOD	)	0	CASING		DATE 20/01/2012	LOGGED BY AW		SCALE 1:50				
SAMP	LES &	TEST	ſS		STRATA							
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULT	S	LEVEL (THICKNESS) (mAOD) (mbgl (m) (mbgl)	DESCRIPTION		LEGEND V	VATER BACKFIL			
					$\begin{array}{c} 11 \\ 79 \\ 78 \\ 77 \\ 13.70 \\ 14 \\ 76 \\ 76 \\ 75 \\ (2.80) \\ 15 \\ 75 \\ 75 \\ (2.80) \\ 15 \\ 16 \\ 77 \\ 16 \\ 77 \\ 16 \\ 77 \\ 17 \\ 18 \\ 77 \\ 18 \\ 77 \\ 18 \\ 71 \\ (5.30) \\ 19 \\ 19 \\ 19 \\ 19 \\ 19 \\ 19 \\ 19 \\ 1$	Firm brown laminated slip Red brown slightly silty S to subrounded gravel [W Sherwood SANDSTONE	AND with subangular eathered Sandstone]					
GROUNE			r	REMARKS	<u> </u>	Continued	I next sheet	KEY				
DEPTH (		EHAVIO	UR		al accordance with BS EN ISO 14688		BAE Cable Percussion Log v1.4	<ul> <li>B - Bulk disturbed sample</li> <li>D Disturbed samples (</li> <li>G - Disturbed sample (</li> <li>G - Disturbed sample</li> <li>U - Undisturbed U100 s</li> <li>W - Water sample</li> <li>S - Standard Penetratio</li> <li>C - Standard Penetratio</li> </ul>	plastic tub) lass jar) (tub and jar) ample n Test			

SITE		odfo	rd Phase 1	1 SI	CLIENT Avro He	eritage Ltd	BAE	SYSTI	EMS	
	CT NUMB			1296.90	GROUND ELEVATION (mAOE 90.193	0) HOLE DEPTH (m) 21.80	Sheet 3 of 3	BOREHO	.⊧ HR04	
METHO	D		CASING	32714.55	DATE 20/01/2012	LOGGED BY AW	CHECKED BY	SCALE	SCALE 1:50	
SAMF	PLES 8	TES	TS		STRATA					
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESUL	TS	LEVEL (THICKNESS) DEPTH (mAOD) (mbgl (m) (mbgl) D	ESCRIPTION		LEGEND	WATER BACKFIL	
					-69	Sherwood SANDSTONE	[Sherwood Sandstone]			
					21.80 - 68	End of Boreh				
					-67					
					- 66					
					-65					
					-64					
					-63					
					-62					
					-61					
GROUN DEPTH	DWATER (m) E	BEHAVI	OUR	REMARKS	al accordance with BS EN ISO 14688		BAE Cable Percussion Log v1.4	KEY B - Bulk disturbed s D - Disturbed sampl G - Disturbed sampl DG - Disturbed sam U - Undisturbed U10 W - Water sample S - Standard Penett C - Standard Penett	es (plastic tub) e (glass jar) ple (tub and jar) 00 sample	

SITE					CL	IENT	-				404		100
	Wood	dfor	d Phase 1	SI			A	vro H	Herit	age Ltd	BAE	SYSTE	MS
PROJECT N	NUMBER		CO-ORDINAT	ES	GROL	IND ELI	EVATIO	N (mA	OD)	HOLE DEPTH (m)		BOREHOL	E
A106	65-00			9168.62 1814.12		87.975				23.00 Sheet 1 of 3		BHR05	
METHOD			CASING		DATE		/01/201	2		LOGGED BY AW	CHECKED BY	SCALE	1:50
SAMPLE		ES	TS		STI	RAT				•	L.		
TOP BA	ASE T	YPE	TEST RESUL	TS	LEVEL (mAOD)	(THIC mb	ASE KNESS) gl (m)	DEPTH (mbgl)	DES	CRIPTION		LEGEND	WATER BACKFIL
0.00 0	0.00				-	0.30	(0.30)	-	Sc	oft brown sandy SILT with opsoil].	n organic odour	× × × × × < × × × × × × × × ×	
0.40 0	0.00	D				0.00			Sc	oft brown mottled grey sa ght organic odour.	ndy CLAY with		
1.10 0	0.00	D			- 87		(1.60)	1					
	1.95 0.00	S D	N=17(1,2-	3, 5, 4, 5)		1.00							
2.00 0	0.00	D			86	1.90		2-	fin	ed brown slightly silty SA e subrounded to subang xed lithology.	ND with ocassional ular gravel of		
	2.95 0.00	S D	N=21 ( 2, 3 -	5, 5, 6, 5)									
3.00 0	0.00	D			- 85			3-					
	3.95 0.00	S D	N=23 ( 2, 4 -	5, 5, 6, 7)			(3.70)						
4.00 0	0.00	D			- 84			4					
	4.95 0.00	S D	N=24 ( 3, 6 -	5, 6, 6, 7)									
	0.00	D						5					
	5.95 0.00	S D	N=10 ( 1, 2 -	2, 3, 2, 3)		5.60	(0.60)		OC	ery soft red brown sandy assional fine to medium	SILT with subangular to	x X X X X X X X	
6.20 0	0.00	D			- 82 - - - - - -	6.20		6	Sc sli	broudned gravel. oft orange brown thinnly I ghtly silty CLAY with muc brounded gravel.	amianted sandy ch fine angular to	$\times \times \times \times \times$	
	7.45 0.00	S D	N=22 ( 2, 4 -	5, 5, 6, 6)	- 		(1.40)	- 7 - - -					
7.80 0	0.00	D				7.60	(1.30)	- - - 8 - -		oft red brown thinnly lamin LT.	nated very sandy		
	8.95 0.00	S D	N=12 ( 2, 2 -	3, 2, 3, 4)			(					( * * × × * × × × × × ( * * × * * × × * × * ( * * × *	
9.00 0	0.00	D			- - - - - -	8.90		9-	gra	ed brown sandy SILT with avel of coal and quartz. S riable with depth.	n ocassional fine Sand content	× × × × × × × × × × × × × × × × ×	
10.00 10	0.45	S	N=19 (2, 3 -	4, 4, 5, 6)	Ē			-		<b>-</b>		X X X X X ( * X X X X X X X X	
	0.00	D		REMARK	<u> </u>			-		Continued no	ext sheet	KEY	
DEPTH (m)		HAVIO	OUR	Water added	l from 2.0	-		-	3		BAE Cable Percussion Log v1	B - Bulk disturbed sa D - Disturbed sample G - Disturbed sample DG - Disturbed samp U - Undisturbed U10 W - Water sample S - Standard Penetrr C - Standard Penetr	es (plastic tub) e (glass jar) ble (tub and jar) 0 sample

SITE		0	CLIENT	1 14 14 1	BAES	VOT	MS
Wood	lford Phase 1	SI	Avro H	leritage Ltd	DAE	ane th	-mes
PROJECT NUMBER	CO-ORDINAT	ES	GROUND ELEVATION (mAC	DD) HOLE DEPTH (m)		BOREHOL	E
A1065-00		9168.62 1814.12	87.975	23.00	BHR05		
METHOD	CASING		DATE 24/01/2012	LOGGED BY AW	CHECKED BY	SCALE	1:50
SAMPLES & T	ESTS		STRATA	I		<u> </u>	
TOP BASE TY	PE TEST RESULT	TS	LEVEL (THICKNESS) DEPTH (mAOD) (mbgl) (m) (mbgl)	DESCRIPTION		LEGEND	WATER BACKFIL
	D	-	(2.60)	Red brown sandy SILT wi gravel of coal and quartz. variable with depth.	ith ocassional fine Sand content	2 X X X ( N X X X 2 X X X X ( N X X X 2 X X X X X X X X X 2 X X X X X X X X X X X X X X X X X X X	
11.50 11.95	S N=41 ( 4, 6 -	9, 9, 11, 12)	- 77			x x x x x x x x x x x x x x x x x x x x	
11.50 0.00	D			Very soft to stiff brown sa	ndy silty CLAY.	×× ××	
12.00 0.00	D	- - - - - - - - - - - - - - - - - - -	- 12-				
13.00 13.45 13.00 0.00	S N=28 ( 3, 5 - D	6, 6, 7, 9)				x. x. x. x. x.	
13.50 0.00	D	-					
14.50 14.95 14.50 0.00	S N=34 ( 3, 5 -	6, 9, 9, 10)	- 74	Dark red brown medium t	o coarse SAND with		
15.10 0.00	D		- 15 - 73	some medium angular gra [Weathered Sherwood Sa	avel of Sandstone		
16.00 0.00	D		72 (2.80) 16				
17.00 0.00	D		- 17-				
			- 17.50 	Red brown SANDSTONE	[Sherwood Sandstone].		
			- 19 - 69 				
		-					
		-	(5.50)	Continued	next sheet		
GROUNDWATER DEPTH (m) BEH	IAVIOUR		m 2.0m bgl to 18.0m bgl.		BAE Cable Percussion Log v1.4	KEY B - Bulk disturbed sampl G - Disturbed sampl DG - Disturbed sampl U - Undisturbed U10 W - Water sample S - Standard Penetr C - Standard Penetr	es (plastic tub) e (glass jar) ble (tub and jar) 0 sample

SITE		odfor	d Phase 1 SI	CLIENT	Avro He	ritage Ltd	BAES	SYSTI	EMS
PROJEC			CO-ORDINATES	GROUND ELEVA		HOLE DEPTH (m)		BOREHOI	F
	1065-00		E - 389168.62 N - 381814.12	87.9		23.00	Sheet 3 of 3		 -IR05
METHOD	)		CASING	DATE 24/01/	/2012	LOGGED BY AW	CHECKED BY	SCALE	1:50
SAMP	LES 8	TES	TS	STRATA					
TOP (mbgl)	BASE (mbgl)	TYPE	TEST RESULTS	LEVEL BASE (mAOD) (THICKNES mbgl (m)	(mbgl) DEPTH	SCRIPTION		LEGEND	WATER BACKFIL
				- - - - - - - - - - - - - - - - - - -		Red brown SANDSTONE	[Sherwood Sandstone].		
				- 66 - 23.00 - 65	23	End of Boreh			
				- - 	24-				
				63	25-				
				- - 	26				
				- 61	27-				
				- 60 	28-				
				- - - - - - - - - - - - - - - - - - -	29-				
				-	-				
GROUNI DEPTH (		I	OUR Water	ARKS - added from 2.0m bgl to 1 ged in general accordance with BS I			BAE Cable Percussion Log v1.4	KEY B - Bulk disturbed s D - Disturbed sampl G - Disturbed sampl DG - Disturbed sam U - Undisturbed U10 W - Water sample S - Standard Penetr C - Standard Penetr	les (plastic tub) le (glass jar) ple (tub and jar) 00 sample

					CLI	IENT					PAR	ever	MC	
	Wo	odfor	d Phase 1	SI			A١	vro l	Herit	age Ltd	BAE :	BAE SYSTEMS BOREHOLE		
PROJECT	NUMBE	R	CO-ORDINATE	S	GROU	IND EL	EVATIO	N (mA	OD)	HOLE DEPTH (m)				
A10	065-00		E - 389 N - 381			8	34.546			30.00	Sheet 1 of 3	Bł	HR06	
IETHOD			CASING		DATE		/01/201	2		LOGGED BY AW	CHECKED BY	SCALE	1:50	
SAMPL	ES &	TES	TS		ST	RAT						ł		
TOP E	BASE (mbgl)	TYPE	TEST RESULT	S	LEVEL (mAOD)	B/ (THIC mb	ASE E KNESS) ( gl (m) (	DEPTH (mbgl)	DES	CRIPTION		LEGEND	WATER BACKF	
					-	0.40	(0.40)	-		ADE GROUND: Brown sa our.	andy silt with organic			
					-	0.40 0.70	(0.30)		M/ su	ADE GROUND: Brown sa bangular gravel of conre	andy silt with angular to te and brick.			
1.00	0.00	D					(1.00)	1-	Fi	m orange brown mottled	I grey sandy CLAY.			
					-		(1.00)							
2.00	0.00	D				1.70		2-	Sc	ft orange brown very sar	ndy SILT.	× × × × × × ( × × × × × × × × × ×		
2.00	0.00	D			- 03		(1.00)	-				C X X X X X X X X X C X X X X X X X X X C X X X X		
3.00	0.00	D			- 82	2.70		3-	OC	edium to coarse slightly s assional fine subangular ology.	silty SAND with gravel of mixed			
		_												
4.00	0.00	D			- 81 - - - -		(3.10)	4						
5.00	0.00	D			- 80			5-						
6.00	0.00	D			- - - - 79	5.80	(0.90)	6		ft to firm brown silty CLA avel.	NY with some fine			
7.00	0.00	D				6.70			Br	own silty SAND with sub avel of mixed lithology.	rounded to rounded			
7.00	0.00	D				7.50	(0.80)	' - - -	_					
8.00	0.00	D			- 77			8-	sa	m brown thinnly laminate ndy CLAY with ocassion avel of mixed lithology.				
9.00	0.00	D			- 76			9-						
							(3.50)					1911 (M. 1911) 1911 (M. 1911) 1911 (M. 1911)		
	0.00	D			_			-		Continued n	ext sheet	*****		
ROUNDW EPTH (m)		EHAVIO	OUR	REMARKS								KEY B - Bulk disturbed sample G - Disturbed sample DG - Disturbed sampl U - Undisturbed uno W - Water sample S - Standard Penetra	es (plastic tub) e (glass jar) ble (tub and jar) 0 sample	

SITE			CLIENT		BAES	VOTE	MS	
	Woodfo	rd Phase 1 SI	Avro I	Heritage Ltd	DAL	in entr	ams_	
PROJECT NU	UMBER	CO-ORDINATES	GROUND ELEVATION (mA	OD) HOLE DEPTH (m)		BOREHOL	E	
A106	65-00	E - 389907.74 N - 381699.12	84.546	30.00 Sheet 2 o		f 3 BHR06		
METHOD		CASING	DATE 23/01/2012	LOGGED BY AW	CHECKED BY	SCALE	1:50	
SAMPLE	S & TES	STS	STRATA					
TOP BA (mbgl) (mb		TEST RESULTS	LEVEL BASE (THICKNESS) DEPTH (mAOD) mbgl (m) (mbgl)	DESCRIPTION		LEGEND	WATER BACKF	
11.00 0.0	.00 D		11.00 11 -73	Firm brown thinnly lamina sandy CLAY with ocassio gravel of mixed lithology. Firm thinnly laminated bro	nal to some subrounded			
12.00 0.1	.00 D		(2.00) 12 - - 72					
13.00 0.1	.00 D		- 13.00 13 - 71	Red brown SAND.				
14.00 0.4	.00 D		- 14-					
14.50 0.4	.00 D		(0.60)	Firm brown silty CLAY wit	h some fine gravel.			
15.50 0.	.00 D		15.00 15 69	Brown sandy subangular of mixed lithology.	to subrounded GRAVEL			
16.50 0.0	.00 D		L 16.80					
17.00 0.4	.00 D		- 67 - 67	Red brwon fine to mediun subrounded to subangula				
18.00 0.1	.00 D		(2.10) - (2.10) - 66 - 18- 					
19.00 0.4	.00 D		- 18.90 - 19- - 65 	Firm grey brown clayey sa subrounded to subangula	andy SILT with r gravel.	X X X X X (* X X X X X X X X X X X X X X X X X X X		
20.00 0.4	.00 D		(1.60)	Continued	next sheet	( x x, x x x x x x ( x x, x x x x x x ( x x, x x x x x x x x x x		
GROUNDWA DEPTH (m)	LTER BEHAV		F		BAE Cable Percussion Log v1.4	KEY B - Bulk disturbed sa D - Disturbed sample G - Disturbed sample DG - Disturbed sample U - Undisturbed U10 W - Water sample S - Standard Penetra C - Standard Penetra	es (plastic tub) e (glass jar) ble (tub and jar) 0 sample	