

## **APPENDIX B**

**Exploratory Hole Logs** 

									Boreho	ole No.	
								<b>Borehole Log</b>	ВН	01	
									Sheet	1 of 2	
PRO	JECT NO:	C4324					CO-ORD:	ς.	Hole	Туре	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	01321					CO CIND	<b>-</b>	Sca		
PRO	JECT NAM	<b>/IE:</b> HOSTN	MOOR A	VENUE, MARCH	ł		LEVEL:			50	
CLIE	NT:	ALDI S	TORES I	.TD			DATES:	16/09/20	Logged AT		<b>cked</b> w
	Water	Sample	and In	Situ Testing	Depth	Level			Δ'	,	vv
Well	Strikes	Depth (m)	Туре	Results	(m)	(m OD)	Legend	Stratum Description			
		0.20	ES		0.20			MADE GROUND: Concrete			_
		0.40	PID ES	0.1PPM	0.40			MADE GROUND: Reddish brown slightly clayey s fine to coarse sand. Gravel is angular to sub-rour			=
		0.50	PID D	0.3PPM	0.60			coarse of chert, concrete and quartzite.		/	_
		0.60	ES PID	0.0PPM				MADE GROUND: Dark brown and grey slightly gr fine to coarse sand. Gravel is angular to sub-ang			1.0
		1.20	SPT	N=11				coarse of chert and concrete. Slight hydrocarbon			=
				(2,2/3,2,3,3)	1.40			Light brown gravelly fine to coarse SAND. Gravel sub-rounded fine to coarse of chert and quartzit	•		=
		1.65 1.80	D ES					Firm grey slightly gravelly CLAY. Gravel is sub-ang	ular to rounde	d	=
		1.90	PID D	0.0PPM				fine to coarse of chalk.			2.0 —
		2.00	D U								=
		2.10-2.60									=
		2.60	D								=
		3.00-3.50	U								3.0
											=
		3.50	D								=
											_
		4.00	SPT	N=33 (4,4/6,8,9,10)	4.00			Stiff grey slightly gravelly CLAY. Gravel is sub-ang	ular to rounde	d	4.0
				(4,4/0,8,3,10)				fine to coarse of chalk.			=
											=
											=
		5.00	SPT	N=31 (4,5/6,8,8,9)							5.0 —
											=
											=
		5.00									-
		6.00	SPT	N=28 (2,3/4,6,8,10)							6.0
		6.50	D					Cobble of chert from 6.40 to 6.50m bgl.			=
		0.50									_
		7.00	SPT	N≥50	7.00						7.0
				(7,6/9,15,18,20)				Very stiff grey slightly gravelly CLAY. Gravel is sub rounded fine to coarse of chalk.	-angular to		=
											=
		8.00	SPT	N=37							8.0
				(5,5/9,8,9,11)							
											=
											=
		9.00	SPT	N=36 (5,4/6,8,10,12)							9.0
				(5, ., 0,0,10,12)							
											=
											=
Ш	-	10.00	SPT	N=36 (5,5/7,9,10,10)							10.0 —
D.a.	- ulas	1   0			ion == 1 C	DD maskle - 1					
Rema	arks	2. Hand dug p 3. Groundwat	oit excav	sing Radio Detect ated to 1.20m bgl untered at 1.30m talled to 10.00m	bgl, rising	to 1.15m b	ogl after 20 r	D = Dist B = Bulk LB = Lan U = Und UT = Un UT = Un SPT = St PID = PF	ge Bulk Sample isturbed Sample disturbed Thin Wall Sa andard Penetration Te: otoionization Detectoi	st	
									art Per Million and Shear Vane		

									Roreh	ole No.	
								Borehole Log		101	
										2 of 2	
PRO.	JECT NO:	C4324					CO-ORD	S:		<b>Type</b>	
PRO.	JECT NAM	NE: HOSTN	100R A	VENUE, MARCH			LEVEL:		Sc	<b>ale</b> 50	
CLIEI	NIT.	ALDI S	TORES I	ITD			DATES:	16/09/20	Logged		cked
CLILI				Situ Testing			DAILS.	10/03/20	AT	J\	W
Well	Water Strikes	Depth (m)		Results	Depth (m)	Level (m OD)	Legend	Stratum Description	n		
					10.45			End of Borehole at 10.4	5m		=
											=
											11.0
											=
											=
											12.0
											12.0
											_
											3
											13.0
											=
											$\exists$
											14.0
											=
											15.0
											16.0
											17.0
											17.0
											$\exists$
											=
											18.0
											=
											=
											19.0
											=
											=
											1
											20.0
Rema	nrks	<ol> <li>Hand dug p</li> <li>Groundwat</li> </ol>	oit excav er enco	using Radio Detecti rated to 1.20m bgl. untered at 1.30m stalled to 10.00m b	bgl, rising	to 1.15m b	gl after 20	minutes. 1.00m-10.00m bgl slotted pipe.	ES = Environmental Sample D = Disturbed Sample B = Bulk Sample LB = Large Bulk Sample U = Undisturbed Sample UT = Undisturbed Thin Wall S. SPT = Standard Penetration Te PID = Photoionization Detector PPM = Part Per Million HSV = Hand Shear Vane	st	

								Borehole Log		ole No. 102	
PRO.	JECT NO:	C4324					CO-ORD		Hole	1 of 2 <b>Type</b>	
	JECT NAN			VENUE, MARCH			LEVEL:		Sc	ale	
CLIE	NT·	ALDLS	TORES L	TD		DATES:		16/09/20 - 17/09/20	Logged	50 Check	æd
	I			Situ Testing	<b>-</b>		DAILS.	10/03/20 17/03/20	AT	JW	
/ell	Water Strikes		Туре	Results	Depth (m)	Level (m OD)	Legend	Stratum Description			
		0.10 0.40 0.50 0.60 0.90 1.20 1.65 1.90 2.10-2.60 2.50 2.60 3.10-3.60 4.00-4.50 5.00	ES PID ES PID D ES PID ES PID O U  D  D  U  D  SPT  D	0.0PPM 0.1PPM 0.0PPM 0.0PPM N=9 (1,2/2,2,3,2)  0.1PPM	0.05 0.30 0.50 0.70			MADE GROUND: Angular to sub-angular coal MADE GROUND: Dark brown gravelly fine to is angular to sub-angular fine to coarse of ch concrete and occasional brick. Faint organic of MADE GROUND: Dark brown slightly gravelly coarse sand. Gravel is angular fine to coarse and occasional concrete. Faint organic odour Soft reddish brown slightly gravelly sandy CL medium. Gravel is angular to sub-angular fine Loose reddish brown gravelly fine to coarse sangular to sub-angular fine to medium of che and shell fragments.  Firm grey to brown slightly gravelly CLAY. Gravounded fine to coarse of chalk.  **Becoming stiff from 2.50m bgl.**  **Becoming stiff from 4.00m bgl.**  **Becoming s	coarse sand. Gravert, quartzite, odour. clayey fine to of chert, quartzite; AY. Sand is fine to e to coarse of chesAND. Gravel is ert, chalk, quartzitervel is sub-angular	rel 2 1 1 rrt. 2 2 1 3 3	2.00
		6.00 6.50 7.00	D ES PID SPT	N=32 (3,2/5,8,9,10) 0.0PPM N=24 (3,3/5,6,7,6)	6.50			fine to coarse of chalk.  White and light grey very soft chalky CLAY.			5.0 7.0
		8.00	SPT	N=29 (2,3/5,7,8,9)	8.00			Stiff grey slightly gravelly CLAY. Gravel is subfine to coarse of chalk.	angular to rounde	ed 8	3.0
		9.00	SPT	N=42 (2,4/6,9,12,15)				Becoming very stiff from 9.00m bgl.  Cobble of mudstone from 9.50 to 9.65m bgl.		9	9.C
	_	10.00	D							10	).C
ema	arks	2. Hand dug   3. Groundwa	pit excava ter encou	sing Radio Detect ated to 1.20m bg untered at 5.50m with arisings upo	l. bgl, rising	to 4.90m k		minutes.  Begin be	= Environmental Sample = Disturbed Sample = Bulk Sample = Large Bulk Sample = Undisturbed Sample   Undisturbed Thin Wall S.   T = Standard Penetration Te   Photoionization Detector   M = Part Per Million   SV = Hand Shear Vane	est	

									Boreh	ole No.	
								<b>Borehole Log</b>	BH	102	
										2 of 2	
PROJ	IECT NO:	C4324					CO-ORD	S:		<b>Type</b>	
PROJ	IECT NAN	NE: HOSTN	MOOR A	VENUE, MARCH			LEVEL:		Sc	<b>ale</b> 50	
CLIE	NT:	ALDI S	TORES	LTD			DATES:	16/09/20 - 17/09/20	<b>Logged</b> AT	Che	
	Water	Sample	and In	Situ Testing	Depth	Level	_			1,	VV
Well	Strikes	Depth (m)	Туре	Results	(m)	(m OD)	Legend	Stratum Description			
			SPT	N≥50 (50 for 30mm/50 for				Cobble of limestone from 10.00 to 10.10m bgl.			-
				30mm)	10.45			End of Borehole at 10.45n	n		=
											=
											11.0
											=
											=
											12.0
											=
											=
											=
											13.0
											=
											=
											14.0
											=
											=
											15.0
											=
											16.0
											10.0
											17.0
											=
											=
											18.0
											=
											19.0
											=
											=
											20.0
Rema	ırks	2. Hand dug p 3. Groundwa	oit excav ter enco	using Radio Detecti ated to 1.20m bgl. untered at 5.50m l with arisings upon	bgl, rising	to 4.90m b		ninutes.  U S P	S = Environmental Sample = Disturbed Sample = Bulk Sample 3 = Large Bulk Sample = Undisturbed Sample T = Undisturbed Thin Wall Se PT = Standard Penetration Te D = Photoionization Detecto PM = Part Per Million SV = Hand Shear Vane	st	

								N	о.	
							Trial Pit Log	НР		
								Sheet		
PROJE	CT NO:	C4324				CO-ORD	S:	Hole T	Туре	
PROJE	CT NAME:	HOSTMOOR A	AVENUE, MARCH			LEVEL:		Sca 1::	ale	
CLIENT	ī:	ALDI STORES	S LTD			DATES:	15/09/20	Logged AT	Chec	
Water	Sar	nple and In Si	tu Testing	Depth	Level		Chartana Danasiatian	7.0		
Strikes	Depth (m	) Type	Results	(m)	(m OD)	Legend	Stratum Description			
	0.10	ES PID	0.3PPM	0.20			MADE GROUND: Brown slightly gravelly fir sand. Gravel is angular to sub-rounded fin quartzite, chert, chalk and occasional con	e to coarse of crete.		-
							Brown gravelly fine to coarse SAND. Grave sub-rounded fine to coarse of chert, chalk			- -
	0.60	ES PID	0.1PPM	0.60			End of Trial Pit at 0.60m			-
										-
										1.0
										-
										_
										_
										-
										=
										2.0
										-
										=
										_
										-
										=
										3.0 —
										-
										_
										_
										4.0
										4.0 —
										-
										_
										-
										-
										5.0
										•
Remark	2. 3.	Hand dug pit ex Groundwater n	ed using Radio Dete ccavated to 0.60m b ot encountered. Iled with arisings up	gl.		ds.	D = C B = B LB = I U = L UT = SPT = PID = PPM	Environmental Sample iisturbed Sample ulk Sample Large Bulk Sample indisturbed Sample Indisturbed Thin Wall S Standard Penetration Te Photoionization Detecte = Part Per Million = Hand Shear Vane	est	

						No.	
			Т	rial Pit Log	Т	P101	
					Sh	eet 1 of 1	
PROJECT NO:	C4324	CO-ORI	ns.		Н	ole Type	
PROJECT NO.	C4324	CO-OKL	J			TP	
PROJECT NAME:	HOSTMOOR AVENUE, MARCH	LEVEL:				Scale	
PROJECT IVAIVIL.	HOSHWOOK AVENUE, WAKEN	LL V LL.				1:25	
CLIENT:	ALDI STORES LTD	DATES:		17/09/20	Logge	d Check	ked
CLIENT:	ALDI STORES LID	DATES:		1//09/20	SM	JW	
···· San	male and in City Testing						

CLIENT	ī: .	ALDI STORES	LTD			DATES:	17/09/20	<b>Logged</b> SM	Checke JW
Water Strikes	Samp Depth (m)	ole and In Sit		Depth (m)	Level (m OD)	Legend	Stratum Description		
ATTICS	0.10 0.25 0.50	ES PID ES PID	0.1PPM 0.1PPM 0.2PPM	0.20 0.30	(iii OD)		MADE GROUND: Grey sandy gravel. Sand is medium. Gravel is sub-angular to angular m coarse of mudstone. Moderate putrid odou MADE GROUND: Light brown slightly clayey Sand is fine to coarse. Gravel is angular fine sandstone.  Firm dark brown sandy CLAY. Sand is fine to organic odour.  Orange brown slightly gravelly fine to media.	edium to r. sandy grave to coarse of coarse. Faint um SAND.	
	1.00	ES PID	0.0PPM	1.10			Gravel is angular to rounded fine to mediun limestone, mudstone, quartz and shell fragr	ments.	1.0
	1.20 1.50 1.60	ES PID HSV	75kPa 0.0PPM 53kPa				Medium strength firm mottled orange brow slightly sandy gravelly CLAY. Sand is fine to c is angular to rounded fine to medium of flin mudstone, quartz and shell fragments.	oarse. Grave	
				1.80			End of Trial Pit at 1.80m		2.0
									3.
									4.
									5

## Remarks

- 1. Location scanned using Radio Detection and GPR methods.
- $\,$  2. Groundwater encountered at 1.80m bgl, slow seepage at the base of the trial pit.
- 4. Soil infiltration test undertaken at 1.80m bgl.
- 5. Trial pit was backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

			N	o.
		CO-ORDS:  LEVEL:  17/09/20	TP1	L02
			Sheet	TP102 Sheet 1 of 1 Hole Type TP Scale 1:25
PROJECT NO:	C4324	CO ORDS.	Hole	Туре
PROJECT NO:	C4324	CO-ORD3:	Т	Р
DDOJECT NAME.	HOSTMOOR AVENUE, MARCH	LEVEL	Sca	ale
PROJECT NAME:	HOSTIVIOUR AVENUE, WARCH	LEVEL:	1:2	25
CLIENT:	ALDI STORES LTD	DATES: 17/09/20	Logged	Checked

IENT	:	ALDI STORES	LID			DATES:	17/09/20	SM	JW
ter	Samp	le and In Situ	u Testing	Depth	Level	Legend	Churchum Description		
kes	Depth (m)	Туре	Results	(m)	(m OD)	Legena	Stratum Description		
				0.10			MADE GROUND: Grey sandy gravel. Sand		
	0.20	ES				1	medium. Gravel is sub-angular to angular	medium to	Λ
	0.25	PID ES	0.0PPM	0.30			coarse of mudstone.  MADE GROUND: Light brown slightly claye	v sandy grave	
	0.35	PID	0.0PPM	0.40			Sand in fine to coarse. Gravel is angular fir		
	0.50	HSV	51kPa				sandstone.		
	0.60	ES PID	0.2PPM				Firm dark brown sandy CLAY. Sand is fine t	o coarse. Fain	
		PID	U.ZPPIVI				organic odour.		
							Medium strength firm mottled orange bro		
	4.00	LICY.	001.0				slightly sandy gravelly CLAY. Sand is fine to	coarse. Grave	l
	1.00	HSV	80kPa				is angular to rounded fine to medium of fl	int, limestone,	
							mudstone, quartz and shell fragments.  Becoming stiff at 1.00m bgl.		
							High strength from 1.00m bgl.		
	1.40	HSV	120kPa						
				1.50			Becoming very stiff at 1.40m bgl.		
							End of Trial Pit at 1.50m		
									9

## Remarks

- 1. Location scanned using Radio Detection and GPR methods.
- 2. No groundwater encountered.
- 3. Trial pit stable.
- 4. Soil infiltration test undertaken at 1.50m bgl.
- 5. Trial pit was backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane