Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 17/05/2021 Scale 1:25

Ground	Level	117.58m	AOD	Coo	rdinates	E 454748.97 N 228831.69	Total Depth	2.20m
Sample / Test	Depth	Result	Level	Strata Depth	Ease	Descriptio	n of Strata	Legend GW

Ground		TIT.SOIIIAOD	000	umate	5 E 434740.97 N 220031.09 Total Depth	, fee	.20111
Sample / Test Type	Depth (m)	Result Level (mAoD	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - - 0.60	117.38	(0.20)	E	Soft dark brown slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular limestone. (TOPSOIL) Orangish brown clayey GRAVEL with frequent cobbles, Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone. (WHITE LIMESTONE FORMATION)		
	-	116.73	0.85	8	Light yellowish brown slightly sandy slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular tabular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	- - 1.30 -	116.18		M/H	Moderately strong thinly bedded fossiliferous creamy whiteish brown		
В	- - - 1.80		(0.80)		LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to angular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	- 2.00	-	-	VH			
		115.38	2.20		End of Trial Pit at 2,20m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.20m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m Width: 0.60m Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 20/05/2021 Scale 1:25

Ground Level 117.14m AOD Coordinates E 454748.54 N 228774.06 Total Depth 2.15m

Ground	Level	117.14m AOD	Cool	rdinate	s E 454748.54 N 228774.06 Total Depth	2	.15m
Sample / Test Type	Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - - 0.30 -	-	(0.60)	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional cobbles and rare pieces of black plastic. Gravel is fine to coarse subangular to subrounded quartzite, limestone and rare asphalt. Cobbles are subangular to subrounded limestone, quartzite and rare asphalt.  (MADE GROUND)  At 0.20m bgl: 1no. boulder of asphalt (maximum 0.20m x 0.20m x 0.25m)		
D	- - 0.80 -	116.54	0.60	М	Orangish brown dayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	- - - 1.30		(1.15)	M/H	Below 1.15m bgl: Light creamy brownish white and slightly clayey.		
В	- - - 1.90	115.39	i mases		Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse	4 24 3	
D	1.90 _ _	114.99	(0.40) 2.15	V/H	angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)  End of Trial Pit at 2,15m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.15m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.50m
Width: 0.60m
Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 17/05/2021 **Scale** 1:25

Ground Level 115.88m AOD Coordinates E 454748.80 N 228691.95 Total Depth 1.80m

Ground	Level	115.88m AOD	Cool	rdinates	E 454748.80 N 228691.95 Total Depth	1	.80m
Sample / Test Type	Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.20		(0.30)	E	Soft dark brown slightly gravelly CLAY with rare rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. (TOPSOIL)		
D	- - - 0.60	115.58	(0.50)	E/M	Yellowish orangish brown clayey GRAVEL with occasional to frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone, (WHITE LIMESTONE FORMATION)		A 19
,	-	115.08	0.80	3	Light creamy brown slightly clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular tabular limestone.		lare lare
D	— 1.00 - -	-	(0.60)	M/H	Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		art lart lar
		114.48	1.40	VH	Moderately strong creamy brownish grey fossiliferous LIMESTONE recovered as tabular gravel, cobbles and boulders of subangular to angular tabular limestone.		
B D	- 1.70 - 1.70	114.08	1.80	8	(WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.80m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 21/05/2021 **Scale** 1:25

Ground	Level	114.88m AC	OD	Coo	rdinate	s E 454736.43 N 228621.75 Total Depth	2	.00m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		_ 114.68 _	(0.20) 0.20	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone and rare asphalt. Cobbles are subangular to subrounded limestone and rare asphalt.  (TOPSOIL/MADE GROUND)		
D	- 0.40 -		114.23	0.45)	М	Dark orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
LB	- 0.70 - -		-			(WHITE LIMESTONE FORMATION)  Creamy orangish brown clayey slightly sandy GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone.		
8	-		-	(0.75)	M/H	(WHITE LIMESTONE FORMATION)		
D	- 1.50		113.48	1.40	8	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.	3	
В	- - 1.80 -		1 <u></u> 1 <u></u> 1 <u></u>	(0.60)	VH	(WHITE LIMESTONE FORMATION)		
	_		112.8 <del>8</del> -	2.00		End of Trial Pit at 2.00m		
5			-					
:			-					
i								
	_		-					
-			-					
3			-					
3	-		-					
			=					
			5 <del>-</del>					
	Control Control		·=					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.00m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m
Width: 0.60m
Logged: KM
Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 21/05/2021 Scale 1:25

Ground Level 113.68m AOD Coordinates E 454731.75 N 228551.63 **Total Depth** 1.50m

Ground	Level	113,68m AOD	Coo	rdinate	s E 454731.75 N 228551.63 Total Depth	1	.50m
Sample / Test Type	Depth (m)	Result Leve		Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10	113.4	(0.25) 0.25 (0.40)	E E/M	Soft dark brown slightly slithy slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)  Dark brownish orange clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular		A The December of the Control of the
D	- 0.50 -	113.0		8	limestone. (WHITE LIMESTONE FORMATION) Creamy yellowish brown slightly clayey GRAVEL with frequent cobbles. Gravel		lalv, ta
	-		(0.65)	н	is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		2
D	- 1.10 -	3	- (0.00)				4
D B	- 1.30 - 1.40 -	112.3	(0.20)	VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.50m		
					End of Hial Fit at 1,50m		
	-						
	-						
	-						
	_		-				
	-	,					
			_				

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.50m bgl due to high groundwater level preventing view of the base of the trial pit. Trial

pit backfilled with arisings on completion.

Length: 2.20m Width: 0.60m Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 28/05/2021 **Scale** 1:25

**Ground Level** 116.41m AOD **Coordinates** E 454859.84 N 228738.94 **Total Depth** 1.20m

Ground	Level	116.41m A	OD	Coo	rdinate	s E 454859.84 N 228738.94 Total Depth	1	.20m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		116.16	(0.25) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone.  (TOPSOIL)  Soft to firm reddish brown slightly silty slightly gravelly CLAY with occasional		
D	- - 0.60		115.86	(0.30) 0.55	E/M	cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (SUBSOIL)  Orangish yellowish brown clayey GRAVEL with frequent cobbles, rare boulders	×	
B D	- - 0.90 1.00		-	(0.63)	М	and rare to occasional shells and shell fragments. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
В	- 1.10 - 1.10		115.23 115.21	1.18 (0.02) 1.20	VH	Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.20m		TO THE REAL PROPERTY.
						End of Maj Pit at 1,20m		
			_					
			-					
			_					
			0= 0= 0=					
			-					
			_					
			_					
	-		-					
			-					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.20m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 28/05/2021 Scale 1:25

Ground	Level	115.99m A	OD	Coo	rdinate	s E 454847.90 N 228683.56 Total Depth	1	.10m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - - 0.30 -		115.69 115.54	(0.30) 0.30 (0.15) 0.45	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)  Soft reddish brown slightly silty slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone.		
D	- 0.70 -		-	(0.63)	E/M	(SUBSOIL) Firm light grey mottled orangish yellowish brown very gravelly CLAY with frequent cobbles and occasional to frequent shell and shell fragments. Gravel		
В	- 1.00		114.91_ 114.89_	1.08 (0.02) 1.10		frequent cobbles and occasional to frequent shell and shell fragments. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)  Moderately strong LIMESTONE – unable to penetrate.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.10m		
			0 <del>11</del>					V

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.10m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 28/05/2021 **Scale** 1:25

Ground Level 115.15m AOD Coordinates E 454829.94 N 228617.16 Total Depth 1.60m

Ground	Level	115.15m A	OD	Coo	rdinate	s E 454829.94 N 228617.16 Total Depth	1	.60m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - -		114.90	(0.25) 0.25	Е	Soft dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and limestone.  (TOPSOIL)  Dark orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to		
D	- 0.60 -		-	(0.65)	М	coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	- 0.90 		114,25 — —	0.90	M/H	Light creamy greyish brown clayey to very clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		
В	1.55		113.60	1.55		(WHITE LIMESTONE FORMATION)		
D	1.55		113.55	(0.05) 1.60	H/VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)		
	_					End of Trial Pit at 1.60m		
			-					
	- : - : - :		-					
	-		-					
			6 <del></del>					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

Remarks: Terminated at 1.60m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m
Width: 0.60m
Logged: KM
Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 28/05/2021 Scale 1:25

Ground Level 114.12m AOD Coordinates E 454823.02 N 228549.44 Total Depth 2.00m

Ground	Leve	114.12m AOD	Coc	ordinate	s E 454823.02 N 228549.44 Total Depth	2	.00m
Sample / Test Type	Depth (m)		evel Strata Depth AoD) (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - - - 0.40	113	(0.20) 3.92 0.20	E M	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)		
		111	(0.55)		Dark orangish brown clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)	2 2 2	
D B	- - 0.90 1.00		3.37 0.75	8	Moderately strong creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse, angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)		
	<del>-</del> 3		(0.85)				
D	- - 1.60	112	2.52 1.60	9.	Light grey creamy brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to		
В	- 1.80 -	112	(0.40) 2.1 <del>2</del> 2.00	н	subangular tabular limestone. (WHITE LIMESTONE FORMATION)  At 2.00m bgl: band of moderately strong limestone - unable to penetrate.	**************************************	
	-		-		End of Trial Pit at 2,00m		
	_						
			(10) (10) (10)				
	_		-				
	-		-				
			1.00 1.00 1.00				
	L		1	1		1	V-

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.00m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m
Width: 0.60m
Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 28/05/2021 **Scale** 1:25

Ground Level 112.66m AOD Coordinates E 454821.73 N 228476.62 Total Depth 1.80m

Ground	Level	112.66m A	OD	Coo	rdinate	s E 454821.73 N 228476.62 Total Depth	1	.80m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - -		112.41	(0.25) 0.25	E	Soft to firm dark brown slightly gravelly slightly slitly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)		
D	- 0.50 -		-	(0.55)	М	Orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	- 0.90 -		111.86	(0.60)	M/H	Light creamy brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone.  (WHITE LIMESTONE FORMATION)  Below 1.10m bgl: occasional boulders of angular to subangular tabular fossiliferous limestone.		
	- 2276		444.00	4.40			9	
D B	- 1.50 - 1.60		111.26	1.40	85	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Cobbles and boulders are angular to subangular, tabular limestone.		
			( <u></u>	307 - 705	H/VH	(WHITE LIMESTONE FORMATION)		
			110.86	1.80	2	End of Trial Pit at 1.80m		
	<b>L</b> 3							
	<b>-</b>		-					
	<del>-</del> 2		-					
	-2		-					
			-					
			0 <u>111</u> 3					
			0 <u>m</u> 0					
			( <u>iii</u> )					
			_					
			<u></u>					
	<u>_</u> ;		-					
	_		-					
	<del>-</del> -::		1 <del>1.1</del>					
			1 <del>1.4</del>					
	-		12 <del></del>					
	<b>-</b> :		:-					
	=		-					
			-					
			-					
	=		1					
			0=					
			0					
			( <u>1</u> 2)					
<u></u>							1	

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.80m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 28/05/2021 Scale 1:25

E 454836.18 N 228406.54

**Total Depth** 

1.90m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GΝ
ES	- 0.10 -		110.36	(0.25) 0.25	E	Soft to firm dark brown gravelly slightly silty CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)		
LB	- - 0.50		- - 110.01-	(0.35)	E/M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles of angular to subangular limestone. Gravel is fine to coarse angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
D	- 0.70 -		-	0.00		Light creamy brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)		
	_		-	(0.90)	M/H		2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
D	_ 1.50 _		109.11	1.50		Firm light greyish creamy orangish brown very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are		
В	- - 1.80 -		108.71	1.90	M/H	angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)  At 1.90m bgl: moderately strong LIMESTONE - unable to penetrate.		
	_		-			End of Trial Pit at 1,90m		
	-2 -2 		-					
			5					
			0 <u></u>					
	_							
	_		_					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

110,61m AOD

Coordinates

**Ground Level** 

Stability: Stable

Remarks: Terminated at 1.90m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 27/05/2021 **Scale** 1:25

Ground Level 116.62m AOD Coordinates E 454898.88 N 228969.38 Total Depth 1.15m

Sample   Treat   Tre
D - 0.50  D - 0.80  D - 1.00  D - 1.
B - 0.80 D - 1.00 D - 1.15,47 D - 1.15 D - 1.15 D - 1.00
D 1.00   115.72   0.90   Moderately strong thinly bedded LIMESTONE recovered as orangish brown clayey gravel and cobbles. Gravel and cobbles are fine to coarse angular to subangular limestone. (WHITE LIMESTONE FORMATION)
115.47 1.15 M/H subangular limestone. (WHITE LIMESTONE FORMATION)

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.15m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.00m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 27/05/2021 Scale 1:25

Ground Level 116.65m AOD Coordinates E 454882.72 N 228900.63 Total Depth 1.30m

Sample	Level Depth (thickness)  (0.25)  116.40  Depth (thickness)  (0.25)	Ease of Dig	Description of Strata  Soft dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and	Legend	GW
ES - 0.10 - - D - 0.50	000	E	occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and		
В - 0.90	(0.85)	М	limestone. (TOPSOIL) Orangish brown slightly clayey to clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D - 1.10 B - 1.20	115.55- 1.10 - (0.20) 115.35- 1.30	Н∕∕Н	Moderately strong thinly bedded light brownish orangish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.30m	23.79 24.23.79 24.23.79 24.23.79 24.23.79	
			CITO OF THEIR 1,30TH		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.30m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m
Width: 0.60m
Logged: KM
Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

 Date
 27/05/2021
 Scale
 1:25

 Ground Level
 116.56m AOD
 Coordinates
 E 454895.01 N 228836.70
 Total Depth
 1.80m

Description of Strata

Strata Depth

Ease

Level

Result

Type	(m)	Result	(mAoD)	(thickness) (m)	of Dig	Description of Strata	Legend	GVV
ES D	- 0.10 - - - 0.40		116.26	(0.30)	E	Soft dark brown slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone and quartzite.  (TOPSOIL)		
						Orangish brown slightly clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
В	- 0.90  - -		-	(1.30)	М			25 T
D	- - - 1.60		114.96	1.60	2	Between 1.50m and 1.60m bgl: band of limestone.		
В	- 1.70 -		114.78 114.76	(0.18) 1.78 (0.02) 1.80	VH	Firm to stiff grey mottled orange gravelly CLAY with occasional to frequent cobbles, frequent shell fragments and rare fragments of decomposing wood/ organic material. Gravel is fine to coarse angular to subangular limestone.  Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
	<u>-</u>		-			Moderately strong LIMESTONE - unable to penetrate.   (WHITE LIMESTONE FORMATION)   End of Trial Pit at 1.80m		
			-					
			00					
	- -		-					
	L-2		924					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.80m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Sample / Test

Depth

Length: 2.10m
Width: 0.60m
Logged: KM
Checked: AS

Legend GW



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 02/06/2021 **Scale** 1:25

Ground Level 116.42m AOD Coordinates E 454884.49 N 228759.18 Total Depth 1.45m

Ground	Level	116.42m AOD	Coo	rdinate	s E 454884.49 N 228759.18 Total Depth	1	.45m
Sample / Test Type	Depth (m)	Result Leve		Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10	116.2	(0.20)	E M	Dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded quartzite.  (TOPSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine	29 3 1 29 3 1 29 3 1 29 3 1 29 3	
D	- 0.50 - - -	115.7	77 0.65	16	to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)  Light orangish brown slightly clayey to clayey GRAVEL with frequent cobbles.  Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone.		
D	— 1.00 - -	)	(0.78)	M/H	(WHITE LIMESTONE FORMATION)	و جد مد مد مد مد	
B D	- 1.30 _ 1.30 	114.S 114.S	99 1.43 97 (0.02) - 1.45	VH	Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.45m		
		1					
	  		-				
			-				
			-				
	: : :	)	-				
-	_		-				
	_		_				

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.45m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 02/06/2021 **Scale** 1:25

 Ground Level
 115.80m AOD
 Coordinates
 E 454894.09 N 228690.89
 Total Depth
 1.50m

Ground	Level	115.80m A	OD	Coo	rdinate	E 454894.09 N 228690.89 Total Depth	1	.50m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10		_ 115.60- -	(0,20) 0.20	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.  (TOPSOIL)		
D	- 0.40 -		115.20	0.60	М	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
D	- 0.80 - -		-	(0.80)	н	Light orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B D	- - 1.40 - 1.40		114.40- 114.30-	1.40 (0.10) 1.50	VH	Moderately strong thinly bedded light brownish white LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular and fossiliferous.		
	_		-			(WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.50m		
	- - -		-					
			-					
			_					
			-					
			-					
	_		-					
			-					
			5					7.0

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.50m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Ground Level 115 04m AOD Coordinates F 454884 42 N 228623 26 Total Donth 2 20m

Scale

1:25

Ground	Level	115.04m A	OD	Coo	rdinate	s E 454884.42 N 228623.26 Total Depth	2	.20m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10		114.79	(0.25) 0.25	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional to frequent rootlets, Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone and quartzite.  (TOPSOIL)		
D	- 0.40 - -		114.49	(0.30) 0.55	М	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		and the second
D	- 0.80 - -		-			Light creamy brownish white slightly clayey to clayey GRAVEL with frequent rootlets and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.  (WHITE LIMESTONE FORMATION)		20.0
			5	(1.35)	M/H		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A Table 1 Annual State 1
B D	- 1.60 - 1.60 -		113.14	1.90	8	Moderately strong thinly bedded light creamy brownish white LIMESTONE	0 0 0	10.00
В	 - 2.10 -		112,84	(0.30) 2.20	H/VH	inductately strong timing beduced light clearly brownish white Lines force covered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular fossiliferous limestone.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 2.20m		
	- - - - -		-					
	-							
			( <del>100</del> ) (100 ) (20 )					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.20m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

02/06/2021

Length: 2.40m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 03/06/2021 Scale 1:25 Coordinates Total Depth Ground Level 114,27m AOD E 454894.47 N 228551.26 2,40m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GV
--------------------------	--------------	--------	-----------------	---------------------------------------	-------------	-----------------------	--------	----

A superintegral	(*)	P	(v		/-	C L 10 100 1.17 IV 22000 1.20 Total Doptil	·V	
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10		114.07	(0.20) 0.20	E	Soft dark brown slightly silty slightly gravelly CLAY with frequent to occasional rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite.	-3 -3 3	
D	- 0.40		_	(0.30)	M	(TOPSOIL)	2 2 2	
	-		113.7 <del>7</del> - -	0.50		Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)  Light orangish brown slightly clayey GRAVEL with frequent cobbles and rare		
LB	- - 0.90		-			boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
	_		-	(1.25)	Н			
			_					
D.	- 1.70							
			112.52	1.75	8	Moderately strong thinly bedded light creamy brownish white LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are		
			_			angular and subangular tabular fossiliferous limestone.		
D	- 2.10		12	(0.65)	H/VH	(WHITE LIMESTONE FORMATION)		
В	- - 2.30		-					
	-		111.87	2.40	8	End of Trial Pit at 2,40m		
	_		_					
	_		000					
			0 <u>00</u>					
			000					
	<u> </u>		12					
			_					
			12					
			<u> 24</u>					
			_					
	<b>-</b> 3		-					
	: ::		_					
	<del>-</del> :		:-					
	-		-					
	-		1-1					
	_		900					
	_		_					
			( <del>-</del>					
	_		_					
L.	li.	200	L				J	

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered. Stability: Lower strata collapse causing undercut.

Remarks: Terminated at 2.40m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 28/05/2021 Scale 1:25

Ground	Level	112.72m A	OD	Coo	rdinate	s E 454883.41 N 228483.59 Total Depth	1	.90m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20 -		112.42	(0.30) 0.30	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and limestone.  (TOPSOIL)  Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is	3	
D	- 0.60 -		111.97	0.45)	E/M	fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) Light creamy orangish brown slightly clayey GRAVEL with frequent cobbles.		
D	- - 1.00		-			Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone.  (WHITE LIMESTONE FORMATION)		
			-	(0.95)	М			
D	- - 1.60		111,02-	1,70	2	Below 1.40m bgl: occasional boulders of tabular fossiliferous limestone.	0 -2 0 -2 0 -2 0 -2 0 -2 0	
В	- 1.80 -		110.82	(0.20)	VH	Moderately strong thinly bedded creamy light brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)		
	-		-			End of Trial Pit at 1.90m		
			_					
			0 <u></u>					
	_		-					
	_		-					
			-					
	-		-					
	_		-					
			=					
			5 <u>5</u>					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.90m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 28/05/2021 **Scale** 1:25

Ground Level 110.63m AOD Coordinates E 454884.63 N 228413.22 Total Depth 1.80m

Ground	Level	110.63m AOD	Coc	rdinate	s E 454884.63 N 228413.22 Total Depth	1	.80m
Sample / Test Type	Depth (m)	Result Levi		Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -	110.	(0.25) 38 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and limestone.  (TOPSOIL)		
D	- 0.60 -		(0.65)	E/M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone (WHITE LIMESTONE FORMATION)		
D	- 1.00 	109.	73- 0.90	М	Light creamy orangish brown slightly clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D B	- - 1.50 - - 1.70	109.	1.40	8	Light grey mottled orange very clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		
	_	108. 108.		VH	(WHITE LIMESTONE FORMATION)  Moderately strong LIMESTONE - unable to penetrate.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.80m		
	-		-				
			_				
	- - -		-				
			-				
	-						
			_				7.5

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.80m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 28/05/2021 Scale 1:25

Ground	Level	109.46m A	AOD	Coo	rdinate	s E 454892.70 N 228370.96 Total Depth	1	.65m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20		109.16	(0.30)	E	Soft dark brown slightly gravelly slightly silty CLAY with frequent to occasional rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and limestone.  (TOPSOIL)		
D	- 0.50			(0.35)	M	Dark orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular	مه مها و ده مها	
D	- - 0.80 -		108.81	0.65	(6	to subangular limestone. (WHITE LIMESTONE FORMATION) Light orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
			-	(0.85)	M-H	(WHITE LIMESTONE FORMATION)		
B D	- 1.50 - 1.50 -		107.96 107.81	1.50 (0.15) 1.65	VH	Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.65m	و فوا او	
			_			End of Thai Pit at 1,00m		
	- : - :		-					
			0T 0T					
	_		-					
	: -:: -::		-					
	-3 -3 -3		-					
			1 <del></del>					
		11.						

Method: Wheeled backhoe excavator. Groundwater: Seepage at 1,40m bgl.

Stability: Stable.

Remarks: Terminated at 1.65m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 27/05/2021 Scale 1:25

Ground Level	116,10m AOD	Coordinates	E 454939.74 N 229049.34	Total Depth	1.45m
Sample Death	1	Strata			

Sample Depth	Desuit Level	Strata		W. S	_
Sample Depth / Test (m)	Result (mAoD)	Depth Ease (thickness) of Dig	Description of Strata	Legend	GW
ES - 0.20 	115.80	(0.30) E 0.30 VH	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)  Orangish brown very clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
	-	(1.12) M/H	Between 0,85m and 1.20m bgl: band of limestone in southeast face.		
B - 1.20 D - 1.20	114.68 114.64	1.42 (0.03) 1.45	Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1,45m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.45m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Albion Land Ltd Client Sheet 1 of 1

Date 27/05/2021 Scale 1:25 116 04m AOD Total Double 4 75--Consumed Louise O----E 454040 04 N 000070 05

Ground Level	116,04m AOD	Coordinates	E 454949.64 N 228973.35	lotal Depth	1./5m
Sample Denth	Level	Strata			

Ground	Level	116.04m AOD	Coo	rdinate	s E 454949.84 N 228973.35 Total Depth	1	.75m
Sample / Test Type	Depth (m)	Result Lev		Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - 0.40	115. 115.	(0.25) 79 0.25 (0.15)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite, and limestone. Cobbles are angular to subangular limestone. (TOPSOIL) Soft to firm reddish brown slightly silty slightly gravelly CLAY with occasional		Table Control
5	0.40	115.	(0.50)	E/M	cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone and quartzite. (SUBSOIL)  Firm to stiff orangish brown gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are		
D	- 0.90	115.	0.90		angular to subrounded limestone. (POSSIBLE HEAD)  At 0.50m bgl: ceramic land drain present. running northwest to southeast, potentially filled with clay.		
	-: -:	114.	- (0.40) 74- 1.30	M/H	Firm to stiff light grey to greyish mottled orangish brown very gravelly CLAY with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		
D B	- - 1.50 - 1.60		(0.42)	н	(WHITE LIMESTONE FORMATION)  Light grey slightly mottled orange clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. Boulders are angular to		18.5
	_	114. 114.		VH	subangular fossiliferous, tabular limestone. \(\(\text{(WHITE LIMESTONE FORMATION)}\) \(\text{Moderately strong LIMESTONE - unable to penetrate.}\) \(\(\text{(WHITE LIMESTONE FORMATION)}\)	3 .22 9	
					End of Trial Pit at 1.75m		
			-				
			0.T				
	_		-				
	_						
			-				
	_		-				
	_						
	_						
			0 <del></del>				
/							. V

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.75m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Albion Land Ltd Client Sheet 1 of 1

Date 27/05/2021 Scale 1:25

116 22m AOD Total Double 4 EE--Consumed Louise Condinates E 4E4004 CO N 000040 07

Ground	Level	116.22m AC	OD	Coo	rdinate	s E 454984.69 N 228910.07 Total Depth	1	.55m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - - 0.40 - 0.55		115.97	(0.25) 0.25 (0.30) 0.55	E E/M	Soft dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)  Firm orangish brown gravelly CLAY with occasional to frequent cobbles.  Gravel is fine to coarse angular to subangular limestone. Cobbles are angular		
D	- 0.55 - - - - - 1.00			(0.75)	М	to subangular tabular limestone. (WHITE LIMESTONE FORMATION) Firm to stiff bluish grey CLAY with occasional cobbles are tabular limestone. (WHITE LIMESTONE FORMATION)		
D B	- - 1.30 - 1.40 -		114.92 114.70 114.67	1.30 (0.22) 1.52 (0.03) 1.55	м	Light creamy greyish white GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)  Moderately strong LIMESTONE - unable to penetrate.  (WHITE LIMESTONE FORMATION)		115.7 D
						End of Trial Pit at 1,55m		
			5 <del>0</del> 500 500 500					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.55m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 27/05/2021 Scale 1:25

Ground	Level	115.86m A	OD	Coo	rdinate	s E 454961.85 N 228853.00 Total Depth	1	.60m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.30 - -		115.61	(0.25) 0.25 (0.20) 0.45	E	Soft dark brown slightly slity slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone.  (TOPSOIL)  Soft to firm reddish brown slightly gravelly slightly silty CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone and quartzite. Cobbles are angular to subangular limestone.  (SUBSOIL)	X	
D	- 0.70 - - -		-	(0.75)	М	Firm to stiff light orangish brown very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)	× × × × × × × × × × × × × × × × × × ×	
D B	- - 1.40 - 1.50		114.66- - 114.28- 114.26	(0.38) 1.58 (0.02)	M/H VH	Below 1.10m bgl: becoming very clayey gravel.  Light orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)  Moderately strong LIMESTONE - unable to penetrate.  (WHITE LIMESTONE FORMATION)		
				1.60		End of Trial Pit at 1.60m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.60m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 01/06/2021 Scale 1:25

Ground Level	115.58m AOD	Coordinates	E 454954.31 N 228764.28	Total Depth	1.70m
A standardon of the	- A - A - A - A - A - A - A - A - A - A	TV CONTRACTOR AVE. TV			W

Ground Level	115.58m AOD	Coordinate	s E 454954.31 N 228764.28 Total Depth	1	.70m
Sample / Test Type Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m)  Strata Ease of Dig	Description of Strata	Legend	GW
ES - 0.10 - - D - 0.50	115.33 115.18 - 114.98	(0.25) E 0.25 (0.15) E/M	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets, Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)  Firm dark reddish brown slightly silty slightly gravelly CLAY with rare rootlets and cobbles. Gravel is fine to coarse angular to subrounded limestone.  Cobbles are angular to subangular limestone.  (SUBSOIL)  Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		ari lari lari lari lari
D — 1.00 - - - - -	114.13	(0.85) M/H	(WHITE LIMESTONE FORMATION) Creamy brown clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. Boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) Firm orangish brown slightly gravelly CLAY with occasional to frequent shell		
B - 1.60 D - 1.60	113.90	(0.23) 1.68 (0.02) 1.70	fragments. Gravel is fine to medium angular to subangular limestone. (WHITE LIMESTONE FORMATION)  Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.70m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.70m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Albion Land Ltd Client Sheet 1 of 1

115 E0m AOD Total Double 4 40--Consumed Louise O----E 454057 00 N 000000 50

Scale

1:25

Ground	Level	115.50m A	OD	Coo	rdinate	E 454957.82 N 228686.53 Total Depth	1	.10m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		115.30	(0.20) 0.20	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional cobbles and rootlets, Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone.  (TOPSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine	,	
D LB	- - 0.50 - 0.70		-	(0.70)	М	to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
D D	- 0.70 - 1.00 		114.60- 114.42- 114.40_	0.90 (0.18) 1.08 (0.02) 1.10	H∕VH	Creamy brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)  Moderately strong LIMESTONE - unable to penetrate.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.10m		
								J

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.10m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

01/06/2021

Length: 2.50m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 02/06/2021 **Scale** 1:25

Ground Level 114.88m AOD Coordinates E 454955.30 N 228624.85 Total Depth 1.50m

Ground	Level	114.88m A	OD	Cool	rdinate	E 454955.30 N 228624.85 Total Depth	1	.50m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - - - 0.40		114.68	(0.20) 0.20	E	Dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles, Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone, (TOPSOIL)	24 9 24 9 24 9	
	- 0.40		114.22	0.45)	М	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
D	- 0.80		-	0.05		\((WHITE LIMESTONE FORMATION)\) Light creamy brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular		
	_		-	(0.83)	M/H	to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D B	- - 1.30 - 1.40		-	V			و عد م م د د د دد د م دد د	
			113.40 113.38	1.48 (0.02) 1.50		Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.50m		
	_		_					
	_		-					
	: :		-					
			-					
			- -					
			-					
	_		-					
			-					
	<u>-</u> :		-					
	_		-					
			=					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.50m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.25m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 01/06/2021 **Scale** 1:25

Ground	Level	114,41m AOI	D	Coo	rdinate	E 454966.60 N 228550.16 Total Depth	1	.85m
Sample / Test Type	Depth (m)		Level nAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.15	11	14.16	(0.25)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles, Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.  (TOPSOIL)		
D	- 0.50 -		-	(0.50)	М	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
	== == ==	11	13.66	0.75	3	Light creamy brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone.	, , , , , , , , , , , , , , , , , , ,	
D	- 1.10 -		-	(0.65)	M/H	(WHITE LIMESTONE FORMATION)		
D	- 1.40 		13.01- 12.86	1.40 (0.15) 1.55	н	Light greyish brownish white slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous		
B D	- 1.70 _ 1.70 - - - - - - -	11	12.56	(0.30)	H/VH	limestone. (WHITE LIMESTONE FORMATION)  Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.85m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

Remarks: Terminated at 1.85m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 01/06/2021 **Scale** 1:25

Ground	Level	115.82m AC	DD	Coo	rdinate	s E 454894.08 N 228690.86 Total Depth	1	.80m
Sample / Test Type	Depth (m)	Result (	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		115.62	(0.20) 0.20	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and cobbles, Gravel is fine to coarse angular to subrounded quartzite and limestone, Cobbles are angular to subrounded limestone.  (TOPSOIL)	/a -a ?	
D	- - 0.60 -		-	(0.70)	М	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
D	- - 1.10 -		114,92-	(0.65)	M/H	Light creamy brownish white slightly clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are subangular to angular tabular fossiliferous limestone.  (WHITE LIMESTONE FORMATION)		
D B	- 1.60 - 1.70		114.27 _ 114.02	1.55 (0.25) 1.80	H/VH	Moderately strong thinly bedded light creamy brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.80m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.50m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 28/05/2021 **Scale** 1:25

Ground Level 110.93m AOD Coordinates E 454964.98 N 228406.43 Total Depth 1.65m

Ground	Leve	110.93m AO	D	Coo	rdinate	E 454964.98 N 228406.43 Total Depth	1	.65m
Sample / Test Type	Depth (m)		Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - - - 0.50		10.73-	(0.20) 0.20 (0.40) 0.60	E E/M	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.	24 24 3 	
D	- - - - 1.10			(0.90)	M/H	(WHITE LIMESTONE FORMATION)  Light creamy brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
В	- - - - 1.50	10	09.43	1.50	3.	Moderately etrope thinly headed are any brownish white fees life rough		
D	_ 1.50 _ _		09.28	(0.15) 1.65	H/VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular, tabular limestone.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1,65m		
			=					
			-					
			-					
			-					
			2000 2000 2000 2000					
			0 <del>1</del>					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

Remarks: Terminated at 1.65m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m

Width: 0.60m

Logged: KM

Checked: AS



TRIAL PIT LOG **TP121A** 

Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Sheet Albion Land Ltd 1 of 1

Date 02/06/2021 Scale 1:25

110 00- 100 Total Double 4 05---Consumed Laurel Canadinates E 4E4004 00 N 000400 40

Ground Level	110.93m AOD	Coordinate	s E 454964.98 N 228406.43 Total Depth	1	.65m
Sample / Test (m)	Result Level (mAoD)	Strata Depth (thickness) (m)  Strata Depth  Ease of Dig	Description of Strata	Legend	GW
Type (m)	110.63- 110.38 110.38 109.31 109.28	(0.30) E 0.30 (0.25) M 0.55  (1.07) M/H	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles, Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)  Light brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)  Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1,65m	Legeno	

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.65m bgl due to competent rock strength strata. Trial pit used for soakaway test prior to being backfilled with arisings on completion of test, see separate sheet for soakaway test results.

Length: 2.60m Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Albion Land Ltd Client Sheet 1 of 1

Date 28/05/2021 Scale 1:25

109 52m AOD Total Double 0 40--Consumed Louise O----E 4E4004 OR N 000070 70

Ground	Level	109.52m A	OD	Coo	rdinate	E 454964.08 N 228372.76 Total Depth	2	.10m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - 0.30 -		109.27	(0.25) 0.25 (0.20) 0.45	E	Soft dark brown slightly gravelly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)  Dark orangish yellowish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		A COLOR OF THE COL
D	- 0.80 - - - -		-	(0.95)	М	Light creamy yellowish brown slightly clayey GRAVEL with angular to subangular occasional to frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		A.V. Barr. 1847. 10.1. A0.1.
D	- 1.50 - -		108.12-	(0.68)	M/H	Light grey slightly mottled orangish brown very clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular, fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
В	- 1.90 2.00 		107.44 107.42	2.08 (0.02) 2.10	VH	Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)  End of Trial Pit at 2.10m	9	
	-							
	- - - - -		-					
	-		-					
			-					

Method: Wheeled backhoe excavator. Groundwater: Groundwater at 1,90m bgl.

Stability: Stable

Remarks: Terminated at 2.10m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

 Date
 27/05/2021
 Scale
 1:25

 Cround Level
 115 85m AOD
 Coordinates
 E 455035 33 N 238066 80
 Total Donth
 1 70m

Ground	Level	115.85m AOD	Coordina	es E 455035.22 N 228966.80 Total Depth	1	.70m
Sample / Test Type	Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m)  Strata Depth of Dig	Description of Strata	Legend	GW
ES	- 0.10 -	115.65	(0.20)	Soft dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	- 0.40  -	_	(0.65) E/M	Firm to stiff grey mottled orangish brown slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
D	0.85 	115.00	0.85 (0.45) M	Firm to stiff light grey mottled orange gravelly CLAY with rare to occasional. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
D B	- - - 1.50 - 1.60	114.55	1.30 (0.40) VH	Moderately strong thinly bedded creamy greyish brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
	_	114.15	1.70	End of Trial Pit at 1,70m	1	1

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.70m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 28/05/2021 **Scale** 1:25

Ground Level 116.10m AOD Coordinates E 455022.60 N 228902.36 Total Depth 2.15m

Ground	Level	116.10m A	OD	Coo	rdinate	E 455022.60 N 228902.36 Total Depth	2	.15m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10		115.80	(0.30) 0.30	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and rare quartzite.  (TOPSOIL)	/2-3-5	
D D	- 0.40 - - 0.60		115.56 115.52	(0.25) 0.55 (0.03)	E/M H	Soft to firm orangish brown gravelly CLAY with occasional to frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
	- -		-	0.58 (0.42)	M/H	(WHITE LIMESTONE FORMATION)  Weak to moderately strong orangish brownish white LIMESTONE recovered as gravel and cobbles. Gravel is fine to coarse angular to subangular and tabular. Cobbles are angular to subangular and tabular.		
D	- 1.00 - -		115.1 <del>0</del> - -	1.00		(WHITE LIMESTONE FORMATION)  Light greyish white locally orange slightly clayey GRAVEL with frequent cobbles, Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone.	. <u></u>	
			55 55 55	(0.95)	М	(WHITE LIMESTONE FORMATION) Firm bluish grey slightly mottled orange CLAY. (WHITE LIMESTONE FORMATION)		
D	- - - 1.80		-					
B D	- 1.90 1.90		114,1 <u>6</u> 113.96	1,95 (0.20) 2,15	н	Light greyish white slightly mottled orange slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
			-			(WHITE LIMESTONE FORMATION) At 2.15m bgl: moderately weak LIMESTONE - unable to penetrate. End of Trial Pit at 2,15m	/	
			_					
	-: -: -:		_					
	-		-					
			-					
			-					
	===		-					

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 2,00m bgl.

Stability: Stable

Remarks: Terminated at 2.15m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 03/06/2021 Scale 1:25

Ground	Level	123.08m AOD	Coo	rdinate	s E 454257.16 N 229112.62 Total Depth	1	.65m
Sample / Test Type	Depth (m)	Result Leve		Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - -	122.	- (0.20)	Е	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets. Gravel is fine to coarse angular to subrounded limestone.  Cobbles are angular to subrounded limestone.  (TOPSOIL)		
D	- - - - 0.70		(0.60)	М	Firm orangish yellowish brown gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)		
D LB	- 0.90 - 0.90	122.	0.80	М	Firm brownish slightly mottled brown slightly gravelly CLAY. Gravel is fine to medium angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	- - 1.30	121.	5 <del>-1</del>	М	Firm to stiff light grey mottled orange slightly gravelly CLAY with occasional shell fragments. Gravel is fine to coarse angular to subangular limestone. Rare		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
В	- 1.50 - -	121.	(0.35)	VH	to occasional cobbles of angular to subangular limestone. (WHITE LIMESTONE FORMATION)  At 1.65m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.65m		
	_		-				
			000				

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.65m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 03/06/2021 Scale 1:25

Ground Level 114.43m AOD Coordinates E 455034.38 N 228763.49 Total Depth 1.20m

Ground	Level	114.43m AOD	Coordina	es E 455034.38 N 228763.49 Total Depth	- 1	.20m
Sample / Test Type	Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m)  Strata Depth Of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - - - 0.50	114.23 - - - -	(0.20)	Soft to firm dark brown slightly slity slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone.  (TOPSOIL)  Firm dark orangish brown mottled orange slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		al al al al al al acceptores
D D B	- 0.50 - 0.80 - 1.00 - 1.10 	113.68	0.75 (0.20) M 0.95 (0.25) H/VI	angular to subangular limestone. (WHITE LIMESTONE FORMATION)  Firm to stiff dark grey mottled orange slightly sandy slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone.  Cobbles are angular to subangular limestone.		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.20m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.10m
Width: 0.60m
Logged: KM
Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 03/06/2021 Scale 1:25

Ground Level 114.78m AOD Coordinates E 455034.94 N 228696.12 Total Depth 1.50m

Ground	Level	114.78m AO	D	Cool	rdinate	s E 455034.94 N 228696.12 Total Depth	1	.50m
Sample / Test Type	Depth (m)	Result (n	Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - -	1	14.53	(0.25) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone.  (TOPSOIL)  Dark orangish brown gravelly CLAY with frequent cobbles. Gravel is fine to		4.1.1 alberrance
D	- 0.60 -		-	(0.55)	М	coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	- - 0.90 -	11	13.98	0.80	н	Firm greyish brown very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
B D	- - 1.40 _ 1.40		13.58 - - 13.28	1.20 (0.30) 1.50	н	Orangish greyish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone.  (WHITE LIMESTONE FORMATION)		4
				1.50		At 1.50m bgl: moderately strong LIMESTONE - unable to penetrate.  End of Trial Pit at 1,50m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.50m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

 Date
 03/06/2021
 Scale
 1:25

Ground Level	114.84m AOD	Coordinates	E 455030.74 N 228628.28	Total Depth	2.10m
A CONTRACTOR OF THE		100 PERSONAL NO. 200		10.00	200 200 200

Ground	20101	114.0411170	0.5		umates	5 E 455050.74 N 226020.26 Total Deptil	-	.10111
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - - - 0.50		114.54	(0.30)	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with frequent cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
LB	- 0.80 - - -		-	(1.40)	м	(WITTE EINESTONE FORWATION)	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.
D	- - - - 1.70		113,14	1.70	3	Light greyish brownish white very clayey GRAVEL with frequent cobbles.		
В				(0.40)	н	Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
	-		112.74 - - -	2.10		At 2.10m bgl: possible layer of competent limestone - unable to penetrate.  End of Trial Pit at 2.10m		
			6111 6111					
	_							
	_		-					
	_		-					
	-							
			577 077					
			( <u>-</u>					V.

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.10m bgl due to possible layer of competent rock strength strata. Trial pit backfilled with

arisings on completion.

Length: 2.30m Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Scale

1:25

Ground	Level	114.08m A	OD	Coo	rdinate	tes E 455027.90 N 228546.90 Total Depth		.00m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		113.83	(0.25) 0.25	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.  (TOPSOIL)		
D	- 0.60 - - -			(1.00)	М	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular subangular limestone. (WHITE LIMESTONE FORMATION)  Between 0.25m and 0.60m bgl: pocket of soft to firm reddish brown slightly silty slight gravelly CLAY (subsoil) in northeastern part of pit. Gravel is fine to coarse, angular to subangular limestone with occasional cobbles of angular to subangular limestone.		
D	_ - - 1.50		112.83	1.25	M/H	Light orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B D	- 1.90 _ 1.90		112.38- - - 112.0 <del>8</del> -	1.70 (0.30) 2.00	H/VH	Light creamy brown slightly clayey GRAVEL with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone (WHITE LIMESTONE FORMATION)  At 2.00m bgl: moderately strong LIMESTONE - unable to penetrate.  End of Trial Pit at 2,00m		
			-					
			-					
			-					
	_		-					
			-					
	_		-					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slight collapse of east wall below 1.00m bgl.

Remarks: Terminated at 2.00m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

01/06/2021

Length: 2.30m
Width: 0.60m
Logged: KM
Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 01/06/2021 **Scale** 1:25

Ground	Level	122.98m A	OD	Coo	rdinate	E 454185.09 N 229109.09 Total Depth	2	.20m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		122.78 -	(0.20) 0.20	E M/H	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets, Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone.  (TOPSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine	,a .a	
D	- - 0.50		400.00	(0.45)		to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
	  		122.33	0.65	3	Creamy orangish brown slightly clayey GRAVEL with frequent cobbles and occasional to frequent boulders. Gravel is fine to coarse angular to subangular. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		
В	— 1.00 - -			(0.75)	н	(WHITE LIMESTONE FORMATION)		
			121.58	1.40	81	Light creamy brown white slightly clayey GRAVEL with occasional to frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular		
D B	- 1.70 - - 1.90		-	(0.60)	н	fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	- 2.10 -		120.98 - 120.78	2.00 (0.20) 2.20	H/VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)		
	- -		-			End of Trial Pit at 2,20m		
			-					
	- -		-					
	=: =: =:		-					
	-							
			-					
	-	0.	1 12					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.20m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 19/05/2021 **Scale** 1:25

Ground Level 110.48m AOD Coordinates E 455029.47 N 228404.85 Total Depth 2.30m

Ground	Level	110.48m AOD	Coo	rdinate	s E 455029.47 N 228404.85 Total Depth	2	.30m
Sample / Test Type	Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20 - - - 0.50	110.18	(0.30)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)  Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to		18.0
	_	109.88	0.60		subangular limestone. (WHITE LIMESTONE FORMATION) Light creamy brownish white slightly clayey GRAVEL with frequent cobbles.		
В	- 0.80 - -	-	(1.00)	н	Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B D	- 1.30 - 1.40	108.88	1.60	2			
		-	(0.70)	VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D B	- 2.10 - 2.20	108.18	2.30		Between 2.10m and 2.20m bgl: pocket of soft to firm light orangish brown clay with possible laminations.		
					End of Trial Pit at 2.30m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.30m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

**Length:** 2.20m **Width:** 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 28/05/2021 Scale 1:25

Ground	Level	114.86m AO	D	Cool	rdinate	s E 455091.67 N 228949.96 Total Depth	2	.20m
Sample / Test Type	Depth (m)		Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -	11	14.61	(0.25) 0.25	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with frequent rootlets and occasional to frequent cobbles, Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone and rare quartzite.  (TOPSOIL)		
D LB	- 0.50 - - - 0.80		-	(0.85)	М	Yellowish orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
	_	1	13.76	1,10	8	At 1.00m bgl: black, ribbed, perforated, plastic pipe running across pit in NE-SW direction.  Made Ground locally above pipe.  Light creamy yellowish brownish white clayey GRAVEL with frequent cobbles and rare boulders, Gravel is fine to coarse angular to subangular limestone.		
D	- - 1.50 -			(1.08)	M/H	Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)	, o , o , o , o , o , o , o , o , o , o	
D B	- 2.00 - 2.10	11	12.68	2.18	VH			
	-2			(0.02) 2.20		Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)  End of Trial Pit at 2.20m		
	-		-					
	-		-					
	-		-					
	_	(1)	-					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.20m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 03/06/2021 Scale 1:25

Ground Level 114.69m AOD Coordinates E 455101.38 N 228887.85 Total Depth 1.70m

Ground	Level	114.69m AO	D	Cool	rdinate	s E 455101.38 N 228887.85 Total Depth	1	.70m
Sample / Test Type	Depth (m)		Level nAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - - - 0.60	1*	14.49	(0.20) 0.20 (1.00)	E E/M	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional rootlets and frequent cobbles of angular to subrounded limestone and quartzite. Gravel is fine to coarse angular to subrounded limestone and quartzite. (TOPSOIL)  Firm orangish brown slightly gravelly CLAY with occasional pockets of orangish brown slightly sandy clay and rare roots and rootlets. Gravel is fine to medium angular to subrounded limestone. (WHITE LIMESTONE FORMATION)  Below 0.70m bgl: rare angular to subangular limestone cobbles.		The state of the s
		11		1.20		Light creamy orangish brown clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders of angular to subangular tabular limestone.		law, take I man man an
B D	- 1.60 - 1.60	11	( <u>100</u>	1.70	М	(WHITE LIMESTONE FORMATION)  At 1.70m bgl: moderately strong LIMESTONE - unable to penetrate.		
						End of Trial Pit at 1,70m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.70m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 03/06/2021 Scale 1:25

Ground Level 114.44m AOD Coordinates E 455106.74 N 228840.66 Total Depth 1.05m

Ground Level	114.44m AOD	Coordina	tes E 455106.74 N 228840.66 Total Depth	1	.05m
Sample / Test / Type Depth	Result Level (mAoD)	Strata Depth East (thickness) (m)	g Description of Strata	Legend	GW
ES - 0.10	114.19	(0.25) 0.25	Soft to firm dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subangular limestone. (TOPSOIL)  Firm to stiff orangish brown very gravelly CLAY with occasional to frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are		
D - 0.70	-	(0.60) M	angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D - 0.70  B - 0.90  D - 0.90	113.59	0.85 (0.20) 1.05 H/	Moderately strong thinly bedded brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are		
	-				
70 70 70 70					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.05m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m
Width: 0.60m
Logged: KM
Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 04/06/2021 **Scale** 1:25

Ground Level 113.79m AOD Coordinates E 455096.50 N 228757.55 Total Depth 1.20m

Ground	Level	113.79m AOD	Coo	rdinates	E 455096.50 N 228757.55 Total Depth	- 1	.20m
Sample / Test Type	Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.05	113.64	(0.15)		Soft to firm dark brown slightly gravelly slightly silty CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.		W. C.
D	- 0.40 -	113.09	(0.55)	M/H E	(TOPSOIL) Firm to stiff brownish grey gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
D	- 0.80 -	-	(0.50)	H/VH	At 0.50m bgl: ceramic land drain transects pit in E-W direction. Pipe slightly silted up.  Orangish brown dayey GRAVEL with frequent boulders and cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		1. 4
В	- 1.10 - -	112.59	1.20	3	(WHITE LIMESTONE FORMATION)  At 1.20m bgl: moderately strong LIMESTONE - unable to penetrate.  End of Trial Pit at 1,20m		-
		_					
	_	-					
		-					
	- - -	-					
	_	-					
	_	-					
	_	-					
		-					
		_					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.20m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 3.90m
Width: 0.60m
Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Scale

1:25

Ground Level	113.98m AOD	Coordinates	E 455095.19 N 228685.90	Total Depth	1,45m
A STATE OF THE STA	P P P P P P P P P P P P P P P P P P P	TV STANDARD VI EX		17712	400 000 000

Ground	Level	113.98m AOD	Coo	rdinate	s E 455095.19 N 228685.90 Total Depth	7	.45m
Sample / Test Type	Depth (m)	Result Level (mAoD	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - 0.30 -	113.78	(0.20) - 0.20 - (0.20)	E E/M	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular		
D	- 0.80 -	-	(0.85)	M/H	limestone. (WHITE LIMESTONE FORMATION) Light orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		10.0
B D	- 1.30 - 1.30	112.73	(0.20)	M/H	Firm light orangish brown slightly gravelly CLAY with occasional to frequent shell fragments. Gravel is fine angular to subangular limestone.  (WHITE LIMESTONE FORMATION)  At 1.45m bgl: moderately strong LIMESTONE - unable to penetrate.  End of Trial Pit at 1.45m		50
	_		-				
		3	-				
	- - -		-				
	-	-	-				
		-					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.45m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

02/06/2021

Length: 2.50m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Albion Land Ltd Client Sheet 1 of 1

Date 04/06/2021 Scale 1:25

114 42m AOD Total Double 4 40--Consumed Louise O----E 455000 40 N 000000 50

Ground	Level	114.42m AO	D	Coo	rdinate	E 455092.16 N 228620.56 Total Depth	1	.40m
Sample / Test Type	Depth (m)		Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.30 - -		- 114.22- - 114.02- -	(0.20) 0.20 (0.20) 0.40	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)  Soft to firm reddish brown slightly silty slightly gravelly CLAY and occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone (SUBSOIL)	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
D	- 0.80 -		-	(0.80)	М	Light orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
B D	- 1.30 - 1.30 		13.22-  -  13.02-  -	1.20 (0.20) 1.40	M/H	Firm dark brown slightly mottled orange very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone.  (WHITE LIMESTONE FORMATION)  At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate.  End of Trial Pit at 1.40m		
	-		-					
3			-					
	- - -							
			-					
			217 217 217					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.40m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 04/06/2021 Scale 1:25

Ground Level 113.82m AOD Coordinates E 455098.74 N 228555.52 Total Depth 1.60m

Ground	Level	113.82m A	OD	Coo	rdinate	E 455098.74 N 228555.52 Total Depth	1	.60m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		113.62	(0.20)		Firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded quartzite and limestone.  (TOPSOIL)  Dark brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to		A. T. Barrer B. C.
LB D	- 0.60 - 0.70 -		-	(0.80)		coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
	_		112. <del>82</del> - - -	1.00		Light creamy brownish white clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are tabular angular to subangular fossiliferous limestone.	a 99 9	100
B D	- 1.40 - 1.40		- 112.22-	1.60		(WHITE LIMESTONE FORMATION)  At 1.60m bgl: moderately strong LIMESTONE - unable to penetrate.		
	_		_	1100		End of Trial Pit at 1.60m		
	_							
			-					
	_		-					
	_		-					
			-					
	_		-					
	_		-					
	_		-					
			=					
			0 <del>11</del>					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.60m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.45m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

 Date
 19/05/2021
 Scale
 1:25

 Cround Level
 113 60m AOD
 Coordinates
 E 455000 58 N 338483 04
 Total Donth
 3 00m

Ground	Level	112.60m AOD	Coo	rdinate	E 455099.58 N 228482.04 Total Depth	2	.00m
Sample / Test Type	Depth (m)	Result Level (mAoD	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -	440.0	(0.35)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
D	- - - 0.60	112,2	0,35		Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone.	, 19 9 	
	_		(0.75)	E/M	(WHITE LIMESTONE FORMATION)		
2		111.50	1.10	VH	Light brownish creamy white slightly clayey GRAVEL with frequent cobbles.		
D	- - 1.30 -		(0.50)	M/H	Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)	a	
D	- - - 1.70	111.00	1.60	2	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse		
В	- - 1.90	110.66	(0.40)		angular to subangular tabular limestone, (WHITE LIMESTONE FORMATION)  End of Trial Pit at 2,00m		
2	_				Eliu di Mai Pit at 2.00m		
5	<u>-</u> :						
	_	-					
-							
3			_				
3		-	_				
	-		_				
	_						
		_					Ve

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.00m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 03/06/2021 **Scale** 1:25

Ground Level 110.53m AOD Coordinates E 455102.38 N 228415.64 Total Depth 1.70m

Ground	Level	110.53m A	OD	Coo	rdinate	s E 455102.38 N 228415.64 Total Depth	1	.70m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		110.33	(0.20) 0.20	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)  Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is	, i i i i i i i i i i i i i i i i i i i	
D	- 0.50 -		109.78	0.55)	М	fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
LB	- 0.80 - -		-	(0.70)	M/H	Light orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
			109.08	1.45	3.00 to 0.00	Madarataly atrong thinly hadded aronny brownish white feesiliferous		
B D	- 1.60 - 1.60		108.83	(0.25) 1.70	VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.70m		
			_					
	 		-					
			0=0 0=0 0=0					
			_					
	- - -		-					
	_		-					
			100 m					
			0 <del></del>					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.70m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

**Date** 03/06/2021 **Scale** 1:25

ES - 0.20  (0.30) E Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded limestone.  (0.35) E Soft to firm dark reddish brown slightly gravelly slightly silty CLAY with rare cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. Cobbles are angular to subrounded limestone. Cobbles are angular to subrounded limestone. (SUBSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles are angular to subangular limestone. Gravel is fine to coarse angular to subangular limestone. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular to subangular limestone. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular to subangular to subangular limestone. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular to subangular to subangular limestone.	.40m	1	62 N 228889.24 Total Depth	rdinate	Coo	AOD	113.42m	Level	Ground
ES - 0.20    113.12	GW	Legend	Description of Strata		Depth (thickness)		Result		/ Test
D - 0.80  112.77 0.65  (0.40)  D - 1.20 B - 1.30  112.02 1.40  Soft to firm dark reddish brown slightly gravelly slightly silty CLAY with rare cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subangular limestone. (SUBSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)  Light creamy brownish white slightly clayey to clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. Boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)  At 1.40m bgi: moderately strong LIMESTONE - unable to penetrate.		7-5-7	sional to frequent rootlets. Gravel is fine to coarse angular to	E	(0.30)	113.12		- - 0.20 -	
D - 0.80  O(0.40)  M/H  (0.40)  D - 1.20 B - 1.30  O(0.35)  I12.02 - 1.40  O(0.40)  M/H  (0.40)  M/H  Light creamy brownish white slightly clayey to clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. Boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)  At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate.		×	fine to coarse angular to subrounded limestone. Cobbles	Е		_			
D 1.20 B 112.02 1.40 limestone. (WHITE LIMESTONE FORMATION)  Light creamy brownish white slightly clayey to clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. Boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)  At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate.			ightly clayey GRAVEL with frequent cobbles. Gravel is fine	(6)		112.77_		- - 0.80	D
B 1.20 (0.35)  H/VH (0.35)  112.02 1.40  Light Creamy brownish white slightly clayey to clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular tabular fossiliferous limestone. Boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)  At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate.			NE FORMATION)	M/H		112.37			1
At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate.  End of Trial Pit at 1.40m			o occasional boulders. Gravel is fine to coarse angular to one. Cobbles are angular to subangular tabular fossiliferous rs are angular to subangular tabular limestone.	H/VH	(0.35)	_			
			ately strong LIMESTONE - unable to penetrate.			-			
						70			
						-			
						-		_	1
150						000 000			
						-			
						-			
						_			
						_			
						-			:
						-		_	
						177 177			
	V-	V-				-			

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.40m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m
Width: 0.60m
Logged: KM
Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Albion Land Ltd Client Sheet 1 of 1

Scale

1:25

112 01m AOD Total Double 4 20--

Sample Depth (mAcD) Result (MACD) (mA	Ground	Level	112.91m AO	D	Coo	rdinate	E 455170.94 N 228831.00 Total Depth	1	.30m
ES - 0.30					(thickness)		Description of Strata	Legend	GW
D = 0.50 LB = 0.60  D = 0.90  D = 0.40  Soft reddish brown slightly silty slightly gravelly CLAY with rare rootlets and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. (WHITE LIMESTONE FORMATION)  Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)			1:	12.71	(0.20) 0.20	Е	occasional rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite.		
D = 0.50 LB = 0.60  D = 0.90  D = 0.	ES	- 0.30	11	12.51			Soft reddish brown slightly silty slightly gravelly CLAY with rare rootlets and		
Orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)  Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)	0.000	- 3 - 25 C T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		22	110 VAN		quartzite and limestone. Cobbles are subangular to subrounded limestone.		
D - 0.90    112.06   0.85   and boulders are angular to subangular tabular limestone.   (WHITE LIMESTONE FORMATION)   Moderately strong thinly bedded creamy brownish white fossiliferous   LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse   angular to subangular tabular limestone.   (WHITE LIMESTONE FORMATION)	LD	- 0.00		82	(0.45)		Orangish brown slightly clayey GRAVEL with frequent cobbles and rare	39.3	
B - 1.20  Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)	D	- 0.90	11	12.06	0.85		and boulders are angular to subangular tabular limestone.		
B - 1.20 angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		_		-	(0.45)		Moderately strong thinly bedded creamy brownish white fossiliferous		
	В	- 1.20		-			angular to subangular tabular limestone.		
			1	11.61	1.30	8		\$ E &	
		- 125 - 125		<u>(201</u> 0					
				0 <u></u>					
		<u>-</u> 8		-					
		=							
		<b>-</b> 2		3 <del>-4</del>					
		_		-					
		<b>7</b> 8		STE					
		1.000 1.000 1.000		00000 0 <u>00</u> 0					
				0 <u>00</u>					
				120					
				122					
				=					
		-		i-					
		<del>-</del>							
		=		( <del></del>					
		== ==							
		1000		-					
		_		0.00					
the state of the s				-					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.30m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

19/05/2021

Length: 2.20m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Scale

1:25

Ground	Level	113.25m A	AOD	Coo	rdinate	s E 455163.30 N 228764.64 Total Depth	0	.90m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - -		113.00	(0.25)	Е	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)  Orangish brown slightly clayey GRAVEL with frequent cobbles and rare to		
D	- 0.50 - -		-	(0.65)	M/H	occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
В	- 0.80 - -		112,35	0.90	32	At 0.90m bgl: moderately strong LIMESTONE - unable to penetrate.  End of Trial Pit at 0,90m	4 4 9	
			-					
	_		-					
			-					
	-		-					
			-					
	_		-					
	 : :		-					
	_		-					
	_		-					
	_		-					
			2 <u>-</u>					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 0.90m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

04/06/2021

Length: 2.30m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Scale

1:25

Ground Level	112.68m AOD	Coord	dinates	E 455176.76 N 228691.93 Total Depth	0	.50m
Sample / Test (m)	Result Leve	(thickness)	Ease of Dig	Description of Strata	Legend	GW
Sample Dooth	F	Distrata Depth (thickness) (m) (0.15) (0.35)	Ease of Dig		Y	

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 0.50m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

04/06/2021

Length: 2.00m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Ground Level 112.77m AOD Coordinates E 455176.45 N 228627.08 **Total Depth** 1.55m

Scale

1:25

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
	-510		200		Vest	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional		

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.15		112.52	(0.25) 0.25	E	Soft to firm dark brown slightly gravelly slightly slity CLAY with occasional cobbles and occasional to frequent rootlets, Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.		
D	- 0.40 -		-		М	\((TOPSOIL)\) Light orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
LB	- 0.70 -		-	(0.85)		(WHITE LIMESTONE FORMATION)		
D	_ - - 1.20		111.67	1.10 (0.20) 1.30	M/H	Light creamy brownish white clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles		
D	- 1.40 -		111.22	(0.25) 1.55	H/VH	and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)  Moderately strong thinly bedded fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.		
	-		-			(WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.55m		
	_		-					
			-					
	_		200 200 200					
			-					
			-					
	-		-					
	-		-					
			32-3					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.55m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

04/06/2021

Length: 2.20m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 04/06/2021 Scale 1:25 112 E2m AOD

Ground	Ground Level		m AOD Coordinates			E 4551/3.54 N 228556.52	lotal Depth	- 1	mus.ı
Sample	Denth		Level	Strata	Easo			Ť	

Ground	Level	112.52m AOI	D	C00	rdinates	E 455173.54 N 228556.52 Total Depth	7	.80m
Sample / Test Type	Depth (m)		Level nAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -	11	12.27	(0.25)	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional to frequent cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and limestone.  (TOPSOIL)		
D	- 0.60 -		-	(0.65)	M H/VH	Dark orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	_ 1.00	11	11.62	0.90	-	Light creamy orangish brown slightly clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular		
			-	(0.60)	M/H	fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D LB	- - 1.60 - 1.70		11.02	1.50 (0.30)	8	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)		
		1.0	10.72	1.80		End of Trial Pit at 1,80m		
	<u> </u>		-					
	=		923					
			12					
	-		1944					
	<b>=</b> 2		14					
	_							
			-					
			-					
	237		0 <u>00</u>					
			( <u></u> )					
	<u> </u>		00_0					
	<u> </u>		(2)					
	<u> </u>		(2)					
			12					
			12					
			220					
	<b>-</b> 2		1					
	-2		-					
	-2		-					
	-		_					
			_					
			1					
			_					
	_		82					
	L	Li Li						

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.80m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

 Date
 03/06/2021
 Scale
 1:25

Ground Level	111.06m AOD	Coordinates	E 455175.46 N 228478.51	Total Depth	1.40m
A standard of the	No. 100	TV CONTRACTOR IVE CO.			TV 100 100

Ground	Level	111.06m AOD	000	rdinate	s E 4551/5.46 N 2284/8.51   Total Depth		.4Um
Sample / Test Type	Depth (m)	Result Leve		Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.30 - -	110.8 110.8	(0.25) 31 0.25 (0.15)	E E/M	Soft dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone.  (TOPSOIL)  Dark reddish brown gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limsetone.  (SUBSOIL)  Light yellowish brown clayey GRAVEL with frequent cobbles and rare to		
D	- - 0.90 -		(1.00)	M/H	occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D LB	- 1.30 _ 1.30 -	109.6	66- 1.40	2	At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.40m		
	-						
	-		-				
	-						
	- 1 - 1 - 1		-				
	-		-				
			_				

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.40m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.50m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 03/06/2021 Scale 1:25

112 10m AOD Total Double 0.00--Consumed Louise O----E 455004 04 N 000770 77

Ground	Level	112.10m A	OD	Coo	rdinate	E 455204.31 N 228773.77 Total Depth	2	.20m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20			(0.35)	E	Soft to firm dark brown slightly gravelly slightly slifty CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	- 0.40 -		111.75	0,35 (0.20) 0,55	E/M	Firm dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (SUBSOIL)	X	
			-	(0.80)	M/H	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)	a 19 9	
D	- 1.10 - -		110.75	1,35			,	
			-	1,35		Light orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	- 1.80 - -		-	(0.85)	Н			
В	- 2.10 - -		109.90	2,20		At 2.20m bgl: moderately strong LIMESTONE - unable to penetrate.  End of Trial Pit at 2,20m		
			_					
			0 <u></u>					
			-					
			-					
			-					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.20m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.50m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Albion Land Ltd Client Sheet 1 of 1

Date 03/06/2021 Scale 1:25

111 22m AOD Total Double 0 45--Consumed Louise O----E 455000 00 N 000007 50

Ground	Level	111.33m AOI	D C	oordinate	s E 455226.62 N 228697.59 Total Depth	2	.15m
Sample / Test Type	Depth (m)		Level Strate Depti	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.30 - -		(0.24 11.08	5 D) E/M	Dark brown soft slightly gravelly slightly silty CLAY with occasional cobbles and frequent to occasional rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles and boulders are angular to subrounded limestone and quartzite.  (TOPSOIL)  Soft to firm dark reddish brown slightly gravelly slightly silty CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone.	× × - × - × - × - × - × - × - × - ×	A.V. Hotel I and the control of the
D	- 0.70 - -	11	(0.4) 10.3 <del>3</del> 1.00		\((SUBSOIL)\) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) Light yellowish orangish brown slightly clayey GRAVEL with frequent cobbles.	2 22 3 2 2 3 2 2 3 3 2 3 3 2 3 3 3 3	100
D	- 1.10 - - -				Gravel is fine to coarse angular to subangular limestone. Cobbles and rare boulders are angular to subangular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		18.5. 18.5.
D	- - - 1.90		(1.1	5) M/H			the state of the s
В	- 2.00 - - -	10	09.18 2.19	5	At 2.15m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 2.15m		
	-		-				
	-		-				
			<del>1</del>				

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.15m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m Width: 0.60m Logged: KM Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

 Date
 19/05/2021
 Scale
 1:25

 Ground Level
 111.12m AOD
 Coordinates
 E 455221.87 N 228620.36
 Total Depth
 1.90m

Ground	Level	111.12m AOD	Coo	rdinate	E 455221.87 N 228620.36 Total Depth	1	.90m
Sample / Test Type	Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20	440.77	(0.35)	E	Soft dark brown slightly silty slightly gravelly CLAY with frequent rootlets and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
2		110.77	0.35	E	Soft reddish brown slightly silty slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)		
D	- 0.80 -	110.42-	0.70	М	Light orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)		
D	- - 1.20 -	110.02-	1.10	M/H	Creamy yellowish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are subangular tabular limestone.		
		109.52		IVI/II	(WHITE LIMESTONE FORMATION)  Moderately strong thinly bedded creamy brownish white fossiliferous		100
B D	- 1.70 - 1.80 -	109.22	(0.30) 1.90	H/VH	LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)  End of Trial Pit at 1.90m		-
	_						
5	_						
5							
		-					
	_						
5	- : - : - :	-					
e e	-	-					
	_	-					, ,

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

Remarks: Terminated at 1.90m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

Date 03/06/2021 Scale 1:25

Ground Level 110.70m AOD Coordinates E 455219.48 N 228552.43 Total Depth 1.85m

Ground	Level	110.70m AOE	C <sub>o</sub>	ordinate	s E 455219.48 N 228552.43 Total Depth	1	.85m
Sample / Test Type	Depth (m)		evel Strata Depth (thickness)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - - - 0.40	11	- (0.20) 0.50- 0.20 - (0.35)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite.  (TOPSOIL)	, , , , , , , , , , , , , , , , , , ,	. Iv. 1000100
et les	_	11	0.15 0.55	i i	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.  (WHITE LIMESTONE FORMATION)  Light orangish brown clayey to very clayey GRAVEL with frequent cobbles.  Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		المرابعة المرابعة المرابعة
D	- 1.10 -		- (1.30)	H/VH	(WHITE LIMESTONE FORMATION)	(° 26. a.,	as las las las
B D	- - 1.70 _ 1.70	10	08.85 1.85	2	At 1.85m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.85m		late last the
	-						
			55 55 55				

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.85m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m
Width: 0.60m
Logged: KM

Checked: AS



Project Land adjacent to Junction 10, M40, Ardley Project No. AG3268-21

Client Albion Land Ltd Sheet 1 of 1

109 23m AOD Total Donth 4 00--Consumed Louise Canadinates E 455000 05 N 000404 00

Scale

1:25

Sample   Depth (m)   Result   Level	Ground	Level	109.23m AOD	Coordinate	s E 455228.25 N 228484.80 Total Depth	1	.90m
Soft to firm dark brown slightly gravelly slightly sitty CLAY with occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.  (TOPSOIL)  Soft to firm reddish brown slightly sitty slightly gravelly CLAY. Gravel is fine to coarse angular to subangular limestone. Occasional cobbles of angular to subangular limestone. Occasional cobbles angular limestone. Occasional cobbles of angular to subangular limestone. Occasional cobbles of angular to subangular limestone. Occasional cobbles of angular to subangular limestone. Occasional cobbles angular limestone. Occasional cobbles angular to subangular limestone. Occasional cobbles of angular to subangular limest	/ Test			(thickness) of Dia	Description of Strata	Legend	GW
D - 0.80 LB - 0.90  108.13 1.10  108.13 1.10  Light orangish brown slightly clayey slightly sandy GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. (WHITE LIMESTONE FORMATION)  Light orangish brown slightly clayey slightly sandy GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders of angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)  Moderately strong thinly bedded creamy brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		- - 0.30 -		(0.25) E 0.25 (0.30) E	cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.  (TOPSOIL)  Soft to firm reddish brown slightly slightly gravelly CLAY. Gravel is fine to coarse angular to subangular limestone. Occasional cobbles of angular to subangular limestone.  (SUBSOIL)	X	
Light oranges in the variety starty starty days signity satisfy days signity days days days days days days days day	3220		-	(0.55) M	Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		100
D 1.70 B 107.53 1.70 (0.20) 107.33 1.90 Moderately strong thinly bedded creamy brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		-	108.13	E	cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders of angular to subangular tabular fossiliferous limestone.		
	D	- 1.70	3 <u>111</u>	(0.20)	recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.  (WHITE LIMESTONE FORMATION)		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.90m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

03/06/2021

Length: 2.30m Width: 0.60m Logged: KM Checked: AS



	Ехр	loratory Hole Log Key SI	neet	
	Sample Notation	Backfill Symbols	Į.	_egend Symbols
D B	Small Disturbed sample Bulk Disturbed sample	Sand	<b>XXX</b>	Topsoil
ES U	Environmental sample Undisturbed U100 sample	Gravel	****	Made Ground
UT C	Undisturbed UT100 sample Core sample	Concrete		Concrete
W	Water sample	Bentonite		Clay
s	In Situ Test Notation Standard Penetration Test	Arisings	×××××:	Silt
S (C) HV	Standard Penetration Test (cone) Hand Shear Vane Test	Grout		Sand
PID MEXE	Photoionization Detector Test Mexecone Cone Penetrometer Test	Installation Symbols		Gravel
PP K	Pocket Penetrometer Test Permeability Test	Plain Standpipe	अहर अहर अहर हर अहर अहर ऽ	Peat
	Results Notation	Slotted Standpipe	0 0 0 0	Cobbles
Cu N	Shear Strength kN/m <sup>2</sup> SPT N Value -	Piezometer	0,00	Boulders
PID ()	VOC Concentration ppm U/UT Blow Count -	Vibrating Wire Piezometer	900 10 945 E	Mudstone
1000 90	Rotary Core Notation	o Inclinometer	×××××× ××××××	Siltstone
TCR SCR	Total Core Recovery Solid Core Recovery	Extensometer (with magnet locations)		Sandstone
RQD FI	Rock Quality Designation Fracture Index	Groundwater (GW)		Limestone
lf NI	Fracture Spacing Non Intact	<b>▼</b> — Rise	1 1 1	Chalk
NR NA	No Recovery Not Applicable	Groundwater Strike - with Recorded Rise		Coal
	Ease of Dig			Breccia
VE	Very Easy	Strike	00000	Conglomerate
E	Easy	Groundwater Strike -	00000	_ 5.1g/5.1.5. dto
M	Moderate	No Recorded Rise		Shale
Н	Hard		=====	
VH	Very Hard		++++	Igenous Rock
	Genera	Notes		Metamorphic Rock
	f the standpipe/piezometer are given on the log. The 'li epth of instruments including slotted section or piezome	nstall' column shows a graphical representation of the installed eter depth, and backfill details.	NR NR	No Recovery
Standard equipment r	Penetration Test is defined in BS EN ISO 17892. Total eferences, water and casing levels shown on the SPT	sizes. The soil	s comprise a mixture of particle type is graphically represented of y be a combination of these	
			Symbols.	



## APPENDIX D

## IN SITU SOAKAWAY TEST RESULT

Trial Pit No.	TP38A
Date	02/06/2021
Operator	MM
Test Strata	White Limestone Formation
Stability of pit	Stable
Backfill used	None

Filling	1 of 1
Trial Pit Length (m)	2.50
Trial Pit Width (m)	0.60
Trial Pit Depth (m)	1.65
Amount of Backfill placed (m)	0
Assumed Backfill Void Ratio	N/A

Time (Minutes)	Water level (m.bgl)																								
0	0.71	0.60	1	11			_		TT			T T	-		Т	_	_		_	1 1	_	T		7	
1	0.82	ne negocia																							
2	0.89																								
3	0.95		_	Ш	Ш				Н			Ш			Н	_	_	Н	_	Ш	м	ax e	ffeet	ive d	epth
4	1.01		١																						
5	1.12	20000000	١																						
10	1.23	0.80	1	4 4	8		3 3	-	+	*	<del>* b</del>	+	=	***	3	3 0	- 6		- 10	1	9 10	8	-	-	
15	1.30		1																						
20	1.35		\ \	V																					
25	1.41			1																					
30	1.46		-	1	+	-	+	+	+	+	+	$\forall$	+		+	+	+	Н	+	$\vdash$	+	+		<b>7</b>	5%
35	1.52	1.00	5000	١.		(S) -2	0 0	1 25	38 - 58	38.3	8 16	43 E	. 6	500	8 8	0 0	386	9-1		15 1	5 10	6	303	2	
					Ť																				
		Depth (m bgl)			N																				
		م ر			1																				
		ے			1																				
		등																							
		0 1.20	553		6		/		++	4	9 19	100	-	500	-	3 -2	- 23	H	-4-	+	<del>- K</del>	K	***	4	
								1																	
									1	1															
											1														
													-	1											
														100											
		1.40						2			8 18						1				2 2	8		2	5%
																			-					T -	
																					-				
		1																					1		
İ		1																							
+		4.00	-00				0.0							Janes .											
		1.60		Ħ	Ħ		T	П		T		Ħ		m		T		П		Ħ		Ť		1	
		1				900	-11-11	_						<b>.</b>	الك		_	Ш	_	1		, in			mpty
			0		5			10			15			20			25			30	0			35	
		1									Tire	0 (	mi	nut	120										
		1									1111	ie (		iut	-5)										

Initial Water Level (m)	0.71	Total internal surface area of pit (m <sup>2</sup> )	11.73
Final Water Level (m)	1.52	Internal surface area of trial pit within effective depth range (m <sup>2</sup> )	4.41
Change in Water Level (m)	0.81	Volume outflowing between 75% and 25% effective depth (m <sup>3</sup> )	0.71
Effective Depth at 25% (tp25) (m)	1.42	Time at 25% (tp25) (minutes)	25.5
Effective Depth at 75% (tp75) (m)	0.95	Time at 75% (tp75) (minutes)	3

Soil Infiltration Rate (m/s) 1.18E-04

Notes: 1. Undertaken in general accordance with BRE DG 365 method

Based on extrapolated data
 NO

Client:	Albion Land Ltd	
Project:	Land adjacent to Junction 10, M40, Ardley	
Project No.	AG3268-21	



## IN SITU SOAKAWAY TEST RESULT

Trial Pit No.	TP72A
Date	02/06/2021
Operator	KM
Test Strata	White Limestone Formation
Stability of pit	Stable
Backfill used	None

Filling	1 of 1
Trial Pit Length (m)	2.05
Trial Pit Width (m)	0.60
Trial Pit Depth (m)	1.90
Amount of Backfill placed (m)	0
Assumed Backfill Void Ratio	N/A

Time (Minutes)	Water level (m.bgl)		-
0	0.95	0.60	
0.5	1.10		
1	1.20		
1.5	1.31		
2	1.40		
2.5	1.47	0.80	
3	1.53		
3.5	1.60		
4	1.65	Max effective	e depth
5	1.70	1.00	
6	1.73		
7	1.75	]	
8	1.80		
10	1.90	] <del></del>	
		Δ 1.20 T	75%
		Dig 1.20 the property of the p	
		ta	
		1.40	
		<u> </u>	
		1.60	
			25%
		1.80	
			3.7697.0000000
		0 5 10	Empty
		Time (minutes)	
		HESS ACCING 2 &	

nitial Water Level (m) 0.95		Total internal surface area of pit (m²)	11.30
Final Water Level (m)	1.90	Internal surface area of trial pit within effective depth range (m <sup>2</sup> )	3.75
Change in Water Level (m)	0.95 Volume outflowing between 75% and 25% effective depth (m³)		0.58
Effective Depth at 25% (tp25) (m)	1.66	Time at 25% (tp25) (minutes)	4.3
Effective Depth at 75% (tp75) (m)	1.19	Time at 75% (tp75) (minutes)	0.95

Soil Infiltration Rate (m/s) 7.76E-04

Notes: 1. Undertaken in general accordance with BRE DG 365 method

Based on extrapolated data
 NO

Client:	Albion Land Ltd	
Project:	Land adjacent to Junction 10, M40, Ardley	
Project No.	AG3268-21	

**APPLIED GEOLOGY** 

## IN SITU SOAKAWAY TEST RESULT

Trial Pit No.	TP88A
Date	02/06/2021
Operator	MM
Test Strata	White Limestone Formation
Stability of pit	Stable
Backfill used	None

Filling	1 of 1
Trial Pit Length (m)	2.15
Trial Pit Width (m)	0.60
Trial Pit Depth (m)	1.45
Amount of Backfill placed (m)	0
Assumed Backfill Void Ratio	N/A

Time (Minutes)	Water level (m.bgl)																	
0	0.45	0.40	-		-	-	-		1 1	-	1 1	-			1 1	-		7
1	0.49																	
2	0.50		1												20 10	Ma	х епес	we depth
3	0.50		-															
4	0.51		1															
5	0.53		1															
10	0.55	0.60	+	4	- 0	-	8 8	- 8	8 9	-3	50 50	8 3	8 8 3	6 12	10 10	- 82	8 8	9
15	0.60			1														
20	0.60		1	1														
25	0.62				/													75%
30	0.64					1												
45	0.69	0.80		200 200		1				50	0 0	20 3		8 10	10 16	100		
60	0.72	10.3.307/35	4															
85	0.76	<del>g</del>					1											
100	0.80	٩																
160	0.96	Depth (m bgl)						1										
220	1.02	듇																
285	1.10	0 1.00	+			-	8 8	-			4	- 38 - 3			0 8			-
355	1.16																	
												1						
														-				
															*			
		1.20	-			_			T	_	$\top$	7						25%
otes: Groundw	ater seepage at 1.40m bgl.																	
		1.40	1	3	- 83					25		20 3		8 13		100		
		1.40	X															
			0		60		120	)	180	0	240		300		360	42	20	* Empty
									1	Time	e (mir	nute	s)					

Initial Water Level (m)	0.45	Total internal surface area of pit (m²)	9.27
Final Water Level (m)	1.22	Internal surface area of trial pit within effective depth range (m <sup>2</sup> )	4.04
Change in Water Level (m)	0.77	Volume outflowing between 75% and 25% effective depth (m <sup>3</sup> )	0.65
Effective Depth at 25% (tp25) (m)	1.20	Time at 25% (tp25) (minutes)*	430
Effective Depth at 75% (tp75) (m)	0.70	Time at 75% (tp75) (minutes)	50

Soil Infiltration Rate (m/s)	7.00E-06	*
Son minuation Rate (m/s)	7.00=-00	1.95

Notes: 1. Undertaken in general accordance with BRE DG 365 method 2. Based on extrapolated data Yes\*

2. Based on extrapolated data

Client:	Albion Land Ltd	
Project:	Land adjacent to Junction 10, M40, Ardley	
Project No.	AG3268-21	

**APPLIED GEOLOGY**