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

Client Albion Land Ltd Sheet 1 of 1

Scale

1:25

Total Depth

Ground Level 123 83m AOD Coordinates E 454332 07 N 229257 60 2 20m

Ground	Leve	123.83m AOD	Coord	dinates	E 454332.07 N 229257.60 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 D	- 0.10 - - - - 0.50	123.53 - 123.23	(0.30) 0.30 (0.30) 0.60	E E/M	Soft dark brown slightly slity 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 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 orangish yellowish brown clayey GRAVEL with frequent cobbles. Gravel		Asset less than the second sec
	- 0.70 - - - -	-	(0.70)	M/H	is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	- 1.40 -	122.53 122.33	1.30 (0.20) 1.50	M/H	Firm light creamy brownish grey slightly mottled orange very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) Light orangish creamy brown clayey GRAVEL with frequent cobbles. Gravel is		10 mm
D	- - 1.90	-	(0.69)	H∕VH	fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		2.4
В	- 2.10	121.64	2.19 (0.01) 2.20	VH	Moderately strong thinly bedded light creamy orangish 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 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.

Date

26/05/2021

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

Total Depth Ground Level 122,82m AOD Coordinates F 454330 64 N 229176 82 2 15m

Ground	Leve	122.82m A	OD	Coo	rdinate	s E 454330.64 N 229176.82 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		122.52	(0.30)	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 subangular to subrounded limestone and quartzite.		
В	- 0.50 - 0.50		122.42	(0.10) 0.40	Е	\((TOPSOIL)\) Soft to firm reddish brown slightly silty slightly gravelly CLAY with rare to		
D	- 0.60 -		-			occasional roots and rootlets and occasional cobbles, Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subrounded limestone. (SUBSOIL)		
			-			Orangish yellowish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.	ر ده می استان ده ده د	
D	- - 1.20		-	(1.50)	M/H	(WHITE LIMESTONE FORMATION) Below 1.20m bgl: rare boulders (maximum 0.40m x 0.40m).		
			50 25					
D	- 1.70 -							
D B	- 1.90 2.00 -		120.92	1.90 (0.24) 2.14	H/VH	Light creamy orangish brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone.		
			120.67	(0.01) 2.15		(WHITE LIMESTONE FORMATION) Moderately strong thinly bedded light creamy orangish 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 2.15m		
	_		7 <u>-</u>					
			-					
	_		-					
	_== _==		-					
	_		-					
	_		-					
			=					
			500 500					
			_					

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.

Date

26/05/2021

Length: 2.20m Width: 0.60m

Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Date 26/05/2021 **Scale** 1:25

Ground Level 122.14m AOD Coordinates E 454311.31 N 229111.90 Total Depth 1.85m

Ground	Level	122.14m AOD	Coo	rdinate	s E 454311.31 N 229111.90 Total Depth	1	.85m
Sample / Test Type	Depth (m)	Result Lev		Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20 - -	121. 121.	(0.30) 84 0.30	E	Soft dark brown slightly silty 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. (TOPSOIL) Soft reddish brown slightly silty slightly gravelly CLAY with rare to occasional rootlets and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded		law, taki Herocececece
D	- 0.70 - -	121.	(0.60) 14 1.00	M/H	limestone. (SUBSOIL) Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		lak law sam
D	- - 1.30 -		(0.84)	H/VH	\(\(\text{(WHITE LIMESTONE FORMATION)}\) Light creamy brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		ser lave tave tave tave
B D	- 1.70 - 1.70 -	120. 120.			Moderately strong thinly bedded light 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 1,85m	**************************************	
			-				
	-						
							17.

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: 2.20m
Width: 0.60m
Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Date 24/05/2021 **Scale** 1:25

Ground Level 120.47m AOD Coordinates E 454333.56 N 229042.82 Total Depth 1.45m

Sample / Test Type Depth (m) Result Level (mAoD) Ease of Dig Description of Strata Level (mAoD) Depth (min) Depth (mAoD) Ease of Dig Description of Strata Soft dark brown slightly silty slightly gravelly CLAY with occasion occasional to frequent rootlets. Gravel is fine to coarse subangu	Leger	
Soft dark brown slightly silty slightly gravelly CLAY with occasion		d GW
ES 0.30 120.22 0.25 subrounded quartzite and limestone. Cobbles are subangular to limestone.	lar to	
D = 0.50 120.07 120.07 E \(\frac{(TOPSOIL)}{0.40} \\ (0.20) Soft to firm dark reddish brown slightly silty slightly gravelly CLA occasional cobbles, Gravel is fine to coarse angular to subangular to sub	Y with	
- 119.87 0.60 E/M Cobbles are angular to subangular limestone. (SUBSOIL)	iar limestone.	<u>ئية</u> 9 ئية
Dark orangish brown slightly clayey GRAVEL with frequent cobbine to coarse angular to subangular limestone. Cobbles are angular limestone. (WHITE LIMESTONE FORMATION)		
Light creamy brownish white slightly clayey to clayey GRAVEL v cobbles and rare boulders. Gravel is fine to coarse angular to su limestone. Cobbles are angular to subangular limestone. Bouldes	ubangular	14 24 1
B - 1.30 to subangular tabular limestone. (WHITE LIMESTONE FORMATION) Moderately strong thinly bedded creamy brownish white fossilife	prous	
LIMESTONE recovered as gravel, cobbles and boulders of fine angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)	to coarse	
End of Trial Pit at 1.45m		
		V

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: 2.40m

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 18/05/2021 Scale 1:25

Ground	Level	119.24m AO	DD	Coor	rdinate	s E 454329.10 N 228971.75 Total Depth	1	.70m
Sample / Test Type	Depth (m)		Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.20 0.60 - 0.70	1	118.94	(0.30) 0.30 (0.80)	E E/M	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) Soft to firm orangish yellowish brown very gravelly CLAY with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		The second control of
D	- - - - 1.20 -		118.14	1.10 (0.35)	M/H	Light creamy yellowish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		law law law i et i et
D B	- 1.50 - 1.60 -		117.79	1.45 (0.25) 1.70	VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse and angular to subrounded tabular limestone. (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



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

Client Albion Land Ltd Sheet 1 of 1

Ground Level 119.80m AOD Coordinates E 454329.22 N 228901.22 Total Depth 1.60m

Scale

1:25

Ground	Level	119.80m AOD	Coo	rdinate	s E 454329.22 N 228901.22 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 - - - - 0.50	119.50	(0.30)	E	Soft dark brown slightly silty slightly gravelly CLAY with rare to occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) Orangish brown dayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		la v. la v. saccoccicoccica
D	- 0.80 - -	119.06	(0.45)	M/H	Light yellowish creamy white locally yellowish orange slightly clayey GRAVEL with occasional to frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to angular tabular limestone. (WHITE LIMESTONE FORMATION)		200
B D	- - - 1.50 - 1.50	118.60	(0.40)	VH	Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
	_ 1.50	118.20	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.

Date

18/05/2021

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

Date 20/05/2021 **Scale** 1:25

 Ground Level
 119.72m AOD
 Coordinates
 E 454343.67 N 228841.24
 Total Depth
 1.70m

Ground	Level	119.72m AOD	Coo	rdinate	s E 454343.67 N 228841.24 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 D LB	- 0.20 - 0.40 - 0.60	119.42	(0.30)	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) Orangish brown clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		law law.
D	- - - - 1.00	118.97	(0.55)	M/H	Light creamy 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) Below 1.00m bgl: Light creamy orangish brownish white and slightly clayey		lov, lov, lov, lovi,
D B	- 1.40 - 1.60	118.42	(0.40)	VAL	Moderately strong thinly bedded light creamy white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		l l l l l l l l l l l l l l l l l l l
		118.02	1.70	VH	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: 2.30m

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	l Level	124.18m A	OD	Coo	rdinate	s E 454400.39 N 229392.00 Total Depth	0	.80m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness)	Ease of Dig	Description of Strata	Legend	GW
ES D B	(m) - 0.30 - 0.50 - 0.70		(mAoD) 123.93 123.68 123.39 123.38	(0.25) 0.25 (0.25) 0.50 (0.29) 0.79	E E M VH	Soft dark brown slightly slifty slightly gravelly CLAY with occasional to frequent cobbles and rootlets, Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subangular limestone and quartzite, (TOPSOIL) Soft to firm reddish brown slightly gravelly slightly silty CLAY with rare to occasional rootlets and cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. (SUBSOIL) Firm orangish brown gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse and angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 0.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 0.80m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

26/05/2021

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 26/05/2021 Scale 1:25

124 11m AOD Total Double 0.05--Consumed Louise Canadinates E 454070 00 N 000000 05

Ground	Level	124.11m AC	OD	Coo	rdinate	s E 454376.83 N 229323.05 Total Depth	2	.05m
Sample / Test Type	Depth (m)		Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -	1	123.91	(0.20) 0.20 (0.30)	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 subangular to subrounded limestone. (TOPSOIL)		
D	_ - 0.60	1	123.6 1	0.50		Soft to firm reddish brown slightly silty slightly gravelly CLAY with rare to occasional rootlets and cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone.		
В	- 0.70 -		-	(0.40)	E/M	(SUBSOIL) Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular	به شد. و فد م د فد م	
		1	123.21- — –	0.90		limestone. (WHITE LIMESTONE FORMATION) Light creamy brownish orangish white slightly clayey to clayey GRAVEL with		
	-		-			frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	- - 1.50			(1.14)	M/H			
B D	- - 1.90 1.90							
	-		122.07 122.06	2.04 (0.01) 2.05		Moderately strong thinly bedded light 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 2.05m		
	_		<u> </u>					
	_		-					
	_		-					
	: :		-					
	_		-					
			-					
			8 <u>11</u>					
			-					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered. Stability: Slight collapse of sides below 1.00m bgl.

Remarks: Terminated at 2.05m 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

Scale

1:25

Ground	Level	123.51m AO	D C	oordinate	es E 454399.24 N 229251.12 Total Depth	2	.10m
Sample / Test Type	Depth (m)		Level Stra Dep (thickn (m	h Ease	Description of Strata	Legend	GW
ES	- 0.20	12	(0.3	0	Soft dark reddish brown slightly gravelly slightly silty CLAY with occasional cobbles and frequent rootlets, Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) 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	- 1.10	12	22.51 1.0		Light creamy greyish brown locally light brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	- 1 . 60	12	21.81 - 1.7	0	Between 1.60m and 1.70m bgl: pocket of firm greyish mottled orange clay.		
D B	- 1.80 - - 2.00		(0.4 21.41 2.1	0)	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel and frequent cobbles of fine to coarse subangular to subrounded tabular limestone. (WHITE LIMESTONE FORMATION)		
					End of Trial Pit at 2.10m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

completion.

Date

18/05/2021

Length: 2.20m Width: 0.60m Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Date 24/05/2021 Scale 1:25 122 27m AOD Total Donth 0 00--

Ground	Level	122.37m AOD	Coo	rdinate	s E 454403.82 N 229178.85 Total Depth	2	.30m
Sample / Test Type	Depth (m)	Result Leve (mAo		Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20		(0.35)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets, Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded quartzite and limestone. (TOPSOIL)		
В	0.40	122.0	0.35	(4)	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is	2 2 3	
D	- 0.50	121.7	(0.25) 7- 0.60	М	fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
D	- 0.70 - - - -		-		(WHITE LIMESTONE FORMATION) Creamy orangish brown very clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		, a c , a c
			(1.60)	M/H		, e e e e	
D	- 1.60 -						
D	-2.00	3					
В	- 2.20 	120.0	AND THE PROPERTY OF THE PARTY O	H∕VH	Moderately strong thinly bedded light creamy whitish brown fossiliferous LIMESTONE recovered as slightly clayey gravel, cobbles and boulders of fine to coarse angular to subangular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 2.30m	22.7	

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: 2.40m Width: 0.60m Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Date 18/05/2021 Scale 1:25

Ground Level 121.38m AOD Coordinates E 454400.14 N 229111.34 Total Depth 1.95m

Ground	Level	121.38m AOD	Coo	rdinate	s E 454400.14 N 229111.34 Total Depth	1	.95m
Sample / Test Type	Depth (m)	Result Leve		Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - - 0.40	121.1	(0.25)	E E/M	Soft dark reddish brown slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) Orangish brown dayey 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)		lav. lav. lav. Become con
B D	- - 0.80 - - 1.00	120.4	8- 0.90	á	Light creamy brownish grey slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular		الما يكما الما الما
	1.50	110.5	(0.60)	Н	to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		- la
D B	- 1.50 - 1.60 -	119.6	(0.25)	VH	Moderately strong thinly bedded creamy brownish grey fossiliferous LIMESTONE. Recovered as gravel, cobbles and boulders of fine to course angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
					End of Trial Pit at 1,95m		
		2	5 12 51 2				

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.95m 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 02/06/2021 **Scale** 1:25

Ground Level 121.38m AOD Coordinates E 454400.14 N 229111.34 Total Depth 1.65m

Ground Level	121.38m AOD	Coo	rdinate	s E 454400.14 N 229111.34 Total Depth	1	.65m
Sample / Test Type Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
-	121.13	(0.25)	E M	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 limestone and quartzite. Cobbles are angular 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 subangular limestone. (WHITE LIMESTONE FORMATION)	2	la di control de la control de
	120.18	(0.45)	H/VH	Light creamy 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)		
	119.73	1.65		At 1.65m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.65m		

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 the test see separate sheet for soakaway test results.

Length: 2.50m

Width: 0.60m

Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

110 07m AOD Total Donth Ground Level Coordinates E 454207 27 N 220059 46 1 4Em

Scale

1:25

Ground Level	119.9711AOD	Coordinates	E 454597.37 N 229050.40	Total Depth	1,45111
Sample Depth	Level	Strata Depth Fase			

Ground	Level	119.97m AOD	,	Coordi	Hates	E 454397.37 N 229058.46 Total Depth	,	.45m
Sample / Test Type	Depth (m)		evel		ase f Dig	Description of Strata	Legend	GW
ES	- 0.10 -	119	(0	.25)		Soft dark brown slightly slity slightly gravelly CLAY with occasional cobbles and occasional rootlets, Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and rare quartzite.		
D	- 0.40		656	.30)		(TOPSOIL) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is		
D	- - 0.70	119	9.42 0	.55		fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
	-		_ (0	.65)		Light creamy brownish white 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)		
D B	- 1.20 - 1.30		(0	.20	-	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as slightly clayey gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.		
		118	8.52 1	.45		(WHITE LIMESTONE FORMATION) End of Trial Pit at 1.45m		
	<u>1</u> 25)		8 <u>66</u> 8					
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			-					
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	- 3		-					
	- 3		-					
	= 1 = 2		1 77					
			800 B					
	- -		0.00 to					
			0.00					
							J	

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slightly unstable sides between 0.55m and 1.20m bgl

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

completion.

Date

24/05/2021

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

Date 18/05/2021 **Scale** 1:25

Ground Level 118.27m AOD Coordinates E 454398.35 N 228973.23 Total Depth 1.70m

Ground	Level	118.27m AOD	Coo	rdinate	s E 454398.35 N 228973.23 Total Depth	1	.70m
Sample / Test Type	Depth (m)	Result Leve (mAoI		Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - - - 0.50	118.0 117.9	- (0.20) 7- 0.20 (0.15) 2- 0.35 - (0.40)	E M	Soft dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. (TOPSOIL) Soft reddish brown slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to angular limestone. (WHITE LIMESTONE FORMATION) Firm orangish brown very gravelly CLAY with frequent cobbles. Gravel is fine		
D	- - 1.00 - -	117.5	2 0.75	н	to coarse subangular to angular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) Light creamy brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		V. Ast. Bat. Bat.
B D	- 1.60 - 1.60	116.7 116.5	(0.20)	VH	Moderately strong thinly bedded creamy white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to subrounded tabular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.70m	7	
			- - - -				
		٠					
	-		- - - -				
	-						
			QIES I				

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: 2.30m

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 18/05/2021 Scale 1:25

Ground Level	117.98m AOD	Coordinate	s E 454397.77 N 228902.28 Total Depth	1	.90m
Sample / Test Type Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m) Strata Ease of Dig	Description of Strata	Legend	GW
ES - 0.40	117.68 117.42	(0.30) E 0.30 (0.25) 0.55	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 angular to subangular limestone. (TOPSOIL) Soft dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. (WHITE LIMESTONE FORMATION) Orangish brown dayey GRAVEL with frequent cobbles. Gravel is fine to coarse	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
D - 0.80	_	(0.55) M/H	subangular to subrounded limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)	6 - 2 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	
-1 -1 -1 -1	116.88	1.10	Light creamy greyish white slightly clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D - 1.50	100	5			
B - 1.80 D - 1.80	116.28	(0.20)	Moderately strong thinly bedded creamy 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 1.90m		

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 1.75m bgl. Fast seepage at 1.90m bgl.

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



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

Albion Land Ltd Client Sheet 1 of 1

119 67m AOD Total Donth 4 05---Consumed Louise C----E 454000 07 N 000007 00

Scale

1:25

Ground L	evel	118.67m AOE	D	Coor	dinates	E 454388.67 N 228827.98 Total Depth	1	.85m
Sample / Test Type	Depth (m)		evel (th	Strata Depth hickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES -	0.20	11	18.37	0.30) 0.30 0.50)	E M/H	Soft dark brown slightly gravelly slightly silty CLAY with occasional cobbles and rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular 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)		In the state of th
В	0.80		_ ((0.80	M/H	Light creamy brownish white 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)	, , , , , , , , , , , , , , , , , , ,	20. 20. 10. 10.
D -	1.50	11	-	0.65)	59	Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
В	1.70		-	/	VH			
			16.82	1.85		End of Trial Pit at 1.85m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered. Stability: Slight collapse of sides below 1.20m bgl.

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

completion.

Date

20/05/2021

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

Date 02/06/2021 Scale 1:25

Ground	Level	118.67m AO	DD	Coor	dinates	E 454409.84 N 228772.14 Total Depth	1	.65m
Sample / Test Type	Depth (m)		Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10	1	118.47	(0.20) 0.20	E	Soft dark brown slightly clayey GRAVEL with occasional cobbles and rootlets. Gravel is fine to coarse angular to subrounded limestone, Cobbles are angular to subrounded limestone, (TOPSOIL)	-a -a 9	
D	- 0.40 -			(0.45)	E/M	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	- 0.70 -	1	118.02	0.65	3	Light creamy orangish brown very clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
	-			(0.70)	М	(WHITE LIMESTONE PORMATION)		
D B	- 1.40 - 1.50 -		117.32	1.35 (0.30) 1.65	M/H	Light greyish brownish white 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) At 1.65m bgl: moderately strong LIMESTONE - unable to penetrate.		to the control of the
			-			End of Trial Pit at 1.65m		
	-		-					
			-					
			-					
	- - -		-					
	_ -		-					
	_		2 -1					
			-					

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: 2.10m 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 24/05/2021 Scale 1:25

Ground	Level	124.03m AO	D	Coo	rdinates	s E 454458.70 N 229375.52 Total Depth	2	.50m
Sample / Test Type	Depth (m)		Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -	1:	23.78	(0.25) 0.25	E	Soft dark brown slightly slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and limestone. (TOPSOIL)		
D	- 0.40 -	1:	23.53 -	(0.25) 0.50	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)		
LB	- 0.80 - - - -					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)		
D	- 1.50 - -			(1.99)	M/H			in law law
D	- 1.90 - - -		-			Between 1.90m and 2.00m bgl: Large pocket or possible layer of firm to stiff light grey mottled orange slightly gravelly clay. Gravel is fine to medium angular to rounded limestone.		
B D	- 2.40 _ 2.40 -		21.54 21.53	2.49 (0.01) 2.50		LIMESTONE (Unable to penetrate). (WHITE LIMESTONE FORMATION)		
				2.30		End of Trial Pit at 2.50m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.50m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m Width: 0.60m

Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Date 24/05/2021 Scale 1:25

Total Depth Ground Level 123 64m AOD Coordinates F 454464 54 N 229322 62 2 25m

Ground	Level	123.64m AC	OD	Coo	rdinate	s E 454464.54 N 229322.62 Total Depth	2	.25m
Sample / Test Type	Depth (m)		Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - -	1	123.40	(0.25) 0.25	E	Soft dark brown slightly gravelly slightly silty 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. (TOPSOIL) Dark orangish brown slightly clayey GRAVEL with frequent rootlets and		A TANKS CONCERN
D	- 0.50 - -	1	- 122.94	0.70	E/M	cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) Light creamy slightly orangish brown slightly clayey GRAVEL with frequent		la vi
D	_ 1.00 _		-			cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular slightly tabular limestone. (WHITE LIMESTONE FORMATION)		la de la companya de
D	- - - - 1.60		0111 1 0111 1 0111 1 0111 1	(1.54)	м	Below 1.40m bgl: becoming very clayey.		ar.
В	- - - - 2.00							and and and
D	- 2.10 - -		121.40 121.40	2.24 (0.01) 2.25		LIMESTONE (Unable to penetrate). (WHITE LIMESTONE FORMATION) End of Trial Pit at 2.25m		180
			5 TO 10 TO 1					
	 		-					
	-		-					
			-					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.25m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m Width: 0.60m Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Date 25/05/2021 Scale 1:25

122 93m AOD Total Donth 0.00--Consumed Louise O----E 454405 70 N 000050 44

Ground Leve	122.93m AC	DD Coo	rdinate	s E 454465.72 N 229253.41 Total Depth	2	.00m
Sample / Test Type Dep		Level Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES - 0.1	1	(0.25) (22.68	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 limestone and quartzite. Cobbles are angular 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 subangular limestone. (WHITE LIMESTONE FORMATION)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
D - 1.3		0.90		Light creamy orangish brown white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D - 1.7 B - 1.8		(1.09)	M/H	At 1.60m bgl: localised dark orange colour.		
	1	1.99 (0.01) 2.00		Moderately strong thinly bedded light creamy orangish brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 2.00m		

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: 2.30m Width: 0.60m Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Date 25/05/2021 Scale 1:25

Ground Lev	el 122.08m	AOD	Coo	rdinate	s E 454468.55 N 229181.59 Total Depth	2	.90m
	pth n) Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
	40	121.78	(0.30)	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 subangular to subrounded limestone. (TOPSOIL) Soft firm reddish brown slightly silty slightly gravelly CLAY with rare cobbles.		
-3		121.38	0.70	_	Gravel is fine to coarse subangular to subrounded quartzite and rare limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is	** *** *** *** *** *** *** *** *** ***	
D - 0.	90	_	(0.40)	М	fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
		120.98	(0.70)	M/H	Light creamy orangish brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)	2 22 3 2 2 3 2 2 3 2 2 3 2 2 3	
D - 1.	70	120.28		200000		و بدر می و بدر می و بدر می و بدر می	
-		120.03	(0.25)	M/H	Light creamy 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 thinly bedded light creamy brownish white fossiliferous		
D - 2.	50	-	(0.85)	VH	LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B - 2.	80	119.18	2.90	8	End of Trial Pit at 2 90m		
			2.50		End of Trial Pit at 2.90m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.90m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.40m Width: 0.60m

Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Date 25/05/2021 Scale 1:25

Ground	Level	112.72m /	AOD	Coo	rdinate	s E 454883.41 N 228483.59 Total Depth	1	.85m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		112.47	(0.25) 0.25 (0.20)	E 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.		
В	- - 0.50		112.27	0.45	E/M	\((TOPSOIL)\) Soft to firm reddish brown slightly silty slightly gravelly CLAY with rare to occasional cobbles and rare rootlets. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subrounded limestone.) ×	12.0
D	- 0.70 - -		- - 111.7 2	(0.55)	М	(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) Below 0.65m bgl: orangish brown and clayey.		Solitore la vi
D	- - 1.30 -			(0.80)	н	Light creamy yellowish brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone, Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		200
D B	- - 1.70 - 1.80		110.92	1.80	32	Moderately strong thinly bedded light creamy brownish white fossiliferous	و جد م و جد م و جد م	
			110.87	(0.05) 1.85	VH	LIMESTONE recovered as gravel, cobbles and boulders (maximum 0.30m x 0.30m) of fine to coarse 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 at1.85m 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 21/05/2021 Scale 1:25 110 06m AOD Total Donth Constant Lavial 0.00--

Ground	Level	119.96m AOD	Coordi	inates	E 454465.40 N 229045.55 Total Depth	2	2.20m
Sample / Test Type	Depth (m)	Result Level (mAoD)		Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - - - - 0.50	119.76		E M	Soft dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional rootlets, Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subrounded limestone.	6 - E - C - C - C - C - C - C - C - C - C	v. hv. lav. Econocco
D	- 0.60 - - -	119.36		м	(SUBSOIL) Light creamy brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		la l
D	- 1.20 -	118.56			Moderately strong thinly bedded light creamy brownish white fossiliferous		la c. la c.
			(0.80)	H/VH	LIMESTONE recovered as gravel, cobbles, and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D B	- 2.00 2.10	117.76-		VH	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: 2.30m 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 21/05/2021 **Scale** 1:25

Ground	Level	119.27m AOD	Coc	rdinate	s E 454468.91 N 228972.08 Total Depth	1	.80m
Sample / Test Type	Depth (m)	Result Lev		Ease of Dig	Description of Strata	Legend	GW
ES D	- - 0.20 - - 0.40	118.	(0.30)	E	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) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to		
В	- - - - 0.90		(0.80)	М	subangular limestone. (WHITE LIMESTONE FORMATION)		
Ь	- - -	118.	3-	52	Light creamy brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular	4 29 9	
D B	- 1.40 - 1.60	117.	0 <u>00</u> 0	Н	to subangular limestone. (WHITE LIMESTONE FORMATION) Moderately strong thinly bedded creamy brownish fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to		
D	- 1.70 -	117.	(0.30) 47 1.80	H/VH	subrounded tabular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1,80m		
=	-						
:	- - -						
			(10) (10) (10)				
-							
: :	 -						
	= 3						
			-				

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



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

Client Albion Land Ltd Sheet 1 of 1

Ground Level 117.83m AOD Coordinates E 454469.08 N 228915.32 **Total Depth** 1.45m

Scale

1:25

							. otta – opan		
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Descriptio	on of Strata	Legend	GW

Sample / Test / Result Level Strata Depth Company Depth Company Depth Company Depth Description of Strata Description of	
Type (m) Result (mAoD) (thickness) of Dig	Legend G
ES - 0.10 - (0.20) Soft dark brown slightly slightly gravelly CLAY v rootlets. Gravel is fine to coarse subangular to subru limestone. Cobbles are angular to subangular limes	ounded quartzite and
D - 0.40	equent cobbles. Gravel is bles are angular to
(WHITE LIMESTONE FORMATION) Light creamy brownish white slightly clayey GRAVE Gravel is fine to coarse angular to subangular limes to subangular tabular limestone. (WHITE LIMESTONE FORMATION)	
D -1.00 -	
B - 1.30	white fossiliferous Iders of fine to coarse
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.

Date

21/05/2021

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 20/05/2021 Scale 1:25

116 E0m AOD Total Donth 4 00--Consumed Louise O----E 454400 00 N 000000 00

Ground	Level	116.59m AC	DD	Coo	rdinate	E 454468.68 N 228832.06 Total Depth	1	.60m
Sample / Test Type	Depth (m)		Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - -		116.34	(0.25) 0.25 (0.25)	E	Soft dark brown slightly gravelly slightly silty CLAY with ### cobbles and rare to occasional rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) Soft reddish brown slightly gravelly slightly silty CLAY with occasional to rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles		
D	- 0.60 -		116.09	(0.50)	М	are subangular to subrounded limestone. (SUBSOIL) Orangish brown dayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		10.00
: :			115.5 9 - - -	1.00	M/H	(WHITE LIMESTONE FORMATION) Light greyish creamy brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		18.00
D B	- 1.40 1.50 -		115.09 114.99	1.50 (0.10) 1.60	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 1,60m	-5-00-	•
	-		-			End of That Pit at 1,60m		
	- - -		-					
	-		-					
			-					

Method: Wheeled backhoe excavator. Groundwater: Seepage at 1,50m bgl.

Stability: Stable

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

completion.

Length: 52.00m 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 18/05/2021 Scale 1:25

Ground Level 117.47m AOD Coordinates E 454469.25 N 228761.20 Total Depth 1.60m

Ground	Level	117.47m AOD	Coc	rdinate	s E 454469.25 N 228761.20 Total Depth	1	.60m
Sample / Test Type	Depth (m)	Result Leve (mAoI	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20 -	117.1	(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) Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to	1 - 2 - 3 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	A V C C C C C C C C C C C C C C C C C C
D	- 0.60 -		(0.55)	М	subangular limestone. (WHITE LIMESTONE FORMATION)		المارية المد
D	_ — 1.00 –	116.6	(0.35)	8	Light creamy greyish white 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)		la Tal
D B	- - 1.40 1.50	116.2	(0.40)	2	Moderately strong to 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)		
		115.8	7 1.60	1	End of Trial Pit at 1.60m		1 1
			<u></u>				

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

Scale

1:25

Total Depth Ground Level 117 46m AOD Coordinates F 454468 00 N 228691 00 1 75m

Ground	Leve	117.46m AOD	Coc	rdinate	s E 454468.00 N 228691.00 Total Depth	1	.75m
Sample / Test Type	Depth (m)		AoD) Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - -	117	(0.30) 7.16- 0.30	E	Soft dark brown slightly slity slightly gravelly CLAY with occasional rootlets and cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) Orangish brown dayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular		A MESSAGE CONTRACTOR
D	- - 0.70		- (0.60)	E/M	limestone. (WHITE LIMESTONE FORMATION)		lave lave
D	- - - 1.20	116	6.56 0.90 (0.50)	Н	Light creamy brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		1 2 2 2
D	- - - 1.50	116	5.06 1.40	8	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse		
В	- 1.60 -	115	5.71 1.75	VH	angular to subrounded tabular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.75m		-
			_				
			200 C				
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į.			J				

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.

Date

18/05/2021

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 24/05/2021 **Scale** 1:25

Ground Level 122.90m AOD Coordinates E 454535.61 N 229320.46 Total Depth 2.30m

Ground	Level	122.90m AOD	Coo	rdinate	s E 454535.61 N 229320.46 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	- 0.10 -	122.70	(0.20)	E	Soft dark brown slightly slity slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular and subrounded limestone. (TOPSOIL)	-3 3	
D	- 0.40 -	-	(0.50)	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 tabular limestone. (WHITE LIMESTONE FORMATION)		
D	- - 0.90	122.20	0.70		Light creamy orangish brownish white 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)		
			-				
D	_ - - 1.70	-	(1.59)	M/H			
D B	- 2.00 2.10	_			Below 1.90m bgl: becoming very clayey.	و فد م و فد م و فد م و فد م و فد م	
5		120.62 120.60	2.29 (0.01) 2.30		LIMESTONE (Unable to penetrate) (WHITE LIMESTONE FORMATION) End of Trial Pit at 2.30m	1-0-0-0	
2		57 57 50 52					
	-2 -2 -3 -3		-				
	-						
		-	-				
		_					

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: 2.45m
Width: 0.60m
Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Date 18/05/2021 **Scale** 1:25

Ground Level 122.20m AOD Coordinates E 454535.32 N 229254.64 Total Depth 2.20m

Ground	Level	122.20m AO	D	Cool	rdinate	s E 454535.32 N 229254.64 Total Depth	2	.20m
Sample / Test Type	Depth (m)		Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
	_			(0.30)	E	Soft dark brown slightly slity slightly gravelly CLAY with frequent rootlets near surface and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded		
ES	- 0.40		21.90	0.30 (0.15) 0.45	E	limestone. (TOPSOIL) Soft dark reddish brown slightly silty slightly gravelly CLAY with occasional to	-X-	
LB	- 0.50 -		-			rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)		
D	- 0.80 -		-	(0.75)	М	Soft to firm orangish brown gravelly CLAY with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (WHITE LIMESTONE FORMATION)		
D	- - 1.30	1:	21.00	1.20	8	Light creamy yellowish white slightly clayey GRAVEL with frequent cobbles.		
	-		000 b			Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D B	- 1.60 - 1.70			(0.80)	н	© 100 m 100		
			7 <u>-</u>					
D	 - 2.10		20.20	2.00 (0.20)	V/I-I	Moderately strong thinly bedded creamy yellowish white LIMESTONE recovered as gravel, cobbles and boulders of tabular limestone.		
	-	1:	20.00	2,20	VH ,	(WHITE LIMESTONE FORMATION) End of Trial Pit at 2,20m		
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	T4							
			_					

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



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

Client Albion Land Ltd Sheet 1 of 1

Date 25/05/2021 Scale 1:25

Ground Level 121.53m AOD Coordinates E 454534.04 N 229169.74 Total Depth 1.85m

Ground	Level	121.53m AOI) Coo	rdinate	s E 454534.04 N 229169.74 Total Depth	1	.85m
Sample / Test Type	Depth (m)		evel Strata Depth AoD) (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.20 - 0.35 - 0.50		(0.30) (1.23	E E/M	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 subangular limestone. (WHITE LIMESTONE FORMATION)	2	v. lav. lacence con
D	- - - - 1.10		(0.95)	M/H	Light creamy orangish brownish white very clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		law law law to
D D	- - - - 1.60 - 1.70	12	0.13- 1.40	H/VH	Below 1.30m bgl: rare boulders (maximum size 0.30m x 0.30m) of angular to subangular tabular limestone. Moderately strong thinly bedded light creamy brownish grey fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone, (WHITE LIMESTONE FORMATION)	, e.	100
		11	9.68 1.85	(3)	End of Trial Pit at 1.85m		-
	-2 -2 -2		-				
			-				

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slight collapse of rock stratum below 1.40m.

Remarks: Terminated at 1.85m 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

Ground Level 120.64m AOD Coordinates E 454537.32 N 229096.27 Total Depth 2.00m

Scale

1:25

rouna	Level	120,64m /	AOD	C00	rainate	s E 454537.32 N 229096.27 Total Depth	2	.uun
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20 -		120.34	(0.30)	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
D	- - 0.50		120.04	(0.30) 0.60	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.		
D	- - 0.80 -		-			(WHITE LIMESTONE FORMATION) Light creamy 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)		
	-		-	(1.10)	M/H	(WHITE LIMES TONE PORMATION)		
D	- 1.40 -		617 252			Below 1.40m bgl: very clayey.		
D B	- - 1.80 - 1.90		118.94 - -	1.70 (0.30)	H/VH	Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.	3 . 3 3	
			118.6 4	2.00		(WHITE LIMESTONE FORMATION) End of Trial Pit at 2,00m		
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			837					

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.

Date

24/05/2021

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 21/05/2021 Scale 1:25

Ground Level 120.00m AOD Coordinates E 454538.59 N 229035.05 Total Depth 1.90m

Ground	Level	120.00m AO) Cod	ordinate	s E 454538.59 N 229035.05 Total Depth	1	.90m
Sample / Test Type	Depth (m)		evel Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - - - 0.50		9.70 0.30 (0.15) 9.55 0.45	E	Soft dark brown slightly gravelly slightly silty CLAY with rare to occasional rootlets and rare to occasional cobbles, Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) Soft to firm reddish brown slightly gravelly CLAY with rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subrounded limestone. (SUBSOIL)	22.9	P. C. D. C. 1
		11:	(0.85)	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)		18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0
D B	- 1.40 - - - - 1.80		(0.55)		Light creamy greyish brownish white slightly 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 limestone. (WHITE LIMESTONE FORMATION)		e e e e e e e e e
BD	- 1.80 - 1.80		8.15	VH	Moderately strong creamy greyish brown 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 1.90m	p (22 %)	

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

Albion Land Ltd Client Sheet 1 of 1

Date 21/05/2021 Scale 1:25

110 91m AOD Total Double 4 05---Consumed Louise O----E 454500 70 N 000070 40

Ground	Level	119.81m A	OD	Coo	rdinate	s E 454538.73 N 228972.49 Total Depth	1	.95m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
1,7,20	_		119.56	(0.25)	E	Soft dark brown slightly slity slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite.		
ES	- 0.30		119.50	(0.25)	E	\((TOPSOIL)\) Soft to firm reddish brown slightly gravelly CLAY with rare to occasional		
D	- - 0.60		119.31	0.50		cobbles and rare to occasional roots and rootlets. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone.		
В	- 0.70		-			(SUBSOIL) Firm to stiff dark greyish brown very gravelly CLAY with occasional cobbles		
	_		-	(0.90)	E/M	and rare to occasional roots. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subrounded limestone. (WHITE LIMESTONE FORMATION)		
D	- - 1.30							
	-		118.41	1.40		Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse	e 129 9	
D	- 1.60		118.21	(0.20) 1.60	М	angular to subangular limestone. Cobbles are angular to subangular limestone.		
D	- - 1.80		118.01	(0.20) 1.80	Н	\(\((\text{WHITE LIMESTONE FORMATION}\)\) Light creamy brownish white slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone.	4.0	
D	_ 1.80 _		117,86	(0.15) 1.95	VH	Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)	H	
	_					Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse		
	-3		-			angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
	_		-			End of Trial Pit at 1,95m		
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Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.95m 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 20/05/2021 Scale 1:25

Ground Level 118.32m AOD Coordinates E 454539.04 N 228901.53 **Total Depth** 2.00m

Ground	Level	118.32m AOI	D	Cool	rdinates	E 454539.04 N 228901.53 Total Depth	2	.00m
Sample / Test Type	Depth (m)		Level nAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10	11	18.12	(0.20) 0.20	E	Soft dark brown slightly gravelly slightly silty 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)		
		11	17.8 2	(0.30) 0.50	E	Soft reddish brown slightly silty slightly gravelly CLAY with rare rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular limestone.		
D	- 0.60 -	11		(0.30)	М	(SUBSOIL) Orangish brown clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to		
	_		17.52	0.80		angular limestone. (WHITE LIMESTONE FORMATION) Light creamy greyish brownish white slightly clayey GRAVEL with frequent	, e e e	
D	- - 1.20			(0.60)	M/H	cobbles, Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		la ci
		11	16.92	1,40	8	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse	1	
D	- 1.60 -			(0.60)	Н∕∕Н	angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
В	- 1.90 	11	16.3 2	2.00	13.	End of Trial Pit at 2.00m		
	_		-					
	_		-					
	_							
	_		-					
			-					
			-					
	_		-					
	-		-					
			-					

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: 2.30m Width: 0.60m Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Scale

1:25

116 27m AOD Total Donth 4 00--Cround Lavel Condinates E 454540 00 N 000000 44

Ground Level	116.27m AOD	Coordinate	s E 454540.88 N 228833.14 Total Depth	1	.90m
Sample / Test Type Depth	Result Level (mAoD)	Strata Depth (thickness) (m) Strata Ease of Dig	Description of Strata	Legend	GW
ES - 0.10 - - D - 0.40 LB - 0.50	116.02 115.92	(0.25) E 0.25 E (0.10) 0.35 (0.40) 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 subangular to subrounded limestone, (TOPSOIL) Soft dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) Dark orangish brown slightly clayey slightly sandy GRAVEL with occasional		Ass. Inc. Inc.
	115.52	0.75	cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) Light creamy yellowish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular		in law law
D - 1.20 - - -		(0.85)	to subangular tabular limestone. (WHITE LIMESTONE FORMATION) Below 1.30m bgl: increased clay content.		
D - 1.70 B - 1.80	114.67 - - 114.37-	1.60 (0.30) 1.90	Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)	0.000	
	114.3	1,90	End of Trial Pit at 1.90m		

Method: Wheeled backhoe excavator. Groundwater: Seepage at 1,50m bgl.

Stability: Stable

Remarks: Terminated at 1.90m 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

Date 20/05/2021 **Scale** 1:25

Ground Level	115.71m AOD	Coordi	inates	E 454539.09 N 228762.38 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 - 0.40	115.41-	(0.30) 0.30 (0.40)	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) Soft reddish brown slightly silty slightly gravelly CLAY with rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)	X-X-1 X-X-1 X-X-1 X-X-1 X-X-1	
D - 0.90	115.01-	(0.50)		Orangish brown 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 - - -	114.51			Light creamy yellowish white 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)		
D - 1.60 - B - 1.80	114.11-	120000000000000000000000000000000000000	VH	Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of angular to subangular fine to coarse tabular limestone. (WHITE LIMESTONE FORMATION)		
				End of Trial Pit at 1.90m		

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

Scale

1:25

Ground L	evel	116.20m A	OD	Coo	rdinate	s E 454539.14 N 228691.95 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 -	0.10		115.95	(0.25) 0.25 (0.25)	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) Soft reddish brown slightly silty slightly gravelly CLAY with rare rootlets and		
			115.7 0	0.50		occasional to rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. (SUBSOIL)		
D -	0.70		-	(0.60)	М	Orangish brown slightly sandy clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D -	1.10 1.30		115.10- - 114.90-	1.10 (0.20) 1.30	н	Light creamy brownish grey slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular tabular limestone.		
B -	1.40		114.65	(0.25) 1.55	VH	\(\(\text{(WHITE LIMESTONE FORMATION)}\) Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. \(\((\text{(WHITE LIMESTONE FORMATION)}\)		
	20		-			End of Trial Pit at 1.55m		
			-					
-			-					
	24							
-			-					
-	- %		-					
			5-70 5-70 5-70					
	5		5 <u>□</u> 8 <u>─</u>					

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

20/05/2021

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

Ground Level 115.86m AOD Coordinates E 454538.58 N 228622.09 Total Depth 1.80m

Ground	Level	115.86m A	OD	Coo	rdinate	E 454538.58 N 228622.09 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	- - - 0.30		115.61	(0.25) 0.25	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
25,000	- 0.30 - -		115.46	(0.15) 0.40	E	Soft dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular limestone.		
D	- 0.60 -		115.06	(0.40)	M/H	(SUBSOIL) Dark 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) Light creamy brownish grey slightly clayey GRAVEL with frequent cobbles.		
D	- - 1.30		-	(0.60)	M/H	Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
В	- - 1.50		114.46	1.40	H/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.		
D	- 1.70 -		114.06	1.80		(WHITE LIMESTONE FORMATION) End of Trial Pit at 1.80m		
			-					
			-					
			3 <u>0</u>					
			-					
			-					
	-a -a		-					
	_		_					
	-		-					
	_		100 100					
			=					
	_		4 <u>=</u>					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slight collapse of lower strata.

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

Scale

1:25

Ground Level	122.13m AOD	Coordinate	s E 454586.84 N 229305.43 Total Depth	2	.00m
Sample / Test Type Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m) Strata Ease of Dig	Description of Strata	Legend	GW
ES - 0.30	121.88 121.68	(0.25) E 0.25 (0.20) E	Soft dark brown slightly silty 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. (TOPSOIL) Soft reddish brown slightly silty slightly gravelly CLAY with occasional cobbles and rare to occasional rootlets. Gravel is fine to coarse subangular to		
D - 0.60 -	-	(0.50) M	subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. GRavel is ## angular to subangular limestone. Cobbles are angular to subangular	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
-	121.18	0.95 (0.85) M/H	limestone. (WHITE LIMESTONE FORMATION) Light creamy orangish brownish white 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 - 1.50 - -	120.33-	1.80		4 24 3	
B - 1.90 D _ 1.90	120.13	(0.20)	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) End of Trial Pit at 2.00m	H	
			End of Trial Pit at 2.00m		

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.

Date

24/05/2021

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 24/05/2021 **Scale** 1:25

Ground Level 121.36m AOD Coordinates E 454613.99 N 229248.72 Total Depth 2.00m

Ground	Level	121.36m AC	OD	Coo	rdinate	s E 454613.99 N 229248.72 Total Depth	2	.00m
Sample / Test Type	Depth (m)		Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -	1	121.11	(0.25) 0.25	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and frequent 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		
D	- 0.50 -			(0.65)	E/M	to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	- 0.90 -	1	120.46	0.90		Light creamy orangish brown very clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	- - - 1.50			(0.80)	M			
D B	- - 1.80 - 1.90		119.66 - - 119.3 6	1.70 (0.30) 2.00	H/VH	Moderately strong thinly bedded light 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 2,00m	3 - 5 9	
	-					End of Thai Pit at 2,00m		
	-		-					
	_		-					
			-					
				,				

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: 2.50m

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 24/05/2021 Scale 1:25

Ground	Level	120.66m A	OD	Coo	rdinate	s E 454603.67 N 229177.58 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 D	- 0.10 - - - 0.40 -		120.36	(0.30)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets, Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subangular limestone. (TOPSOIL) Dark 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)		la v. la v. la v. la C.
В	- 0.80 - - -		119.46-	1.20	E/M			A 10 c. 10 c. 10 c. 10 c.
D	_ _ _ _ - 1.70			(0.70)	M/H	Light creamy brownish grey 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)		las, fas, las, tas
B D			118.76	1.90 (0.25) 2.15	VH	Moderately strong thinly bedded light 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 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: 2.40m 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 18/05/2021 **Scale** 1:25

Ground Level 120.51m AOD Coordinates E 454611.38 N 229112.86 Total Depth 2.20m

Ground	Level	120.51m AOD	Coo	rdinate	s E 454611.38 N 229112.86 Total Depth	2	.20m
Sample / Test Type	Depth (m)	Result Lev		Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.20 - - -	120	(0.30)	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) Firm orangish brown very gravelly slightly sandy CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		the Haver of Lawre with a concentration of the conc
D	- - 0.90 	119	(0.90)	М			A Chair of the strain of the s
D	- 1.40 		(0.60)	H/VH	Light creamy brownish white 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)		late tare tare tare
В	- 1.80 - - 2.00	110	.71- 1.80 - (0.40)		Moderately strong thinly bedded creamy brownish white LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to subrounded tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
		118	.31 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 17/05/2021 Scale 1:25

Ground Level	120.09m AOD	Coordinates	E 454610.06 N 229041.98	Total Depth	2.00m
A constant of the	P. P	V CONTRACT VI CO		1.73	V 22 22

Ground	Level	120.09m AOD	C00	rdinate	s E 454610.06 N 229041.98 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 D	- 0.10 - - 0.40	119.84	(0.25)	Е	Soft dark brown slightly gravelly CLAY with rare cobbles and rare rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) Orangish brown dayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		1000 Page 1000 P
LB D	- 0.80 - - - - 1.40	-	(1.25)				
	- 1.40	118.59	1.50	3	Creamy whitish brown slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular limestone. Cobbles are subangular tabular limestone.		
B D	- 1.80 - 1.80	118.09	(0.20)		(WHITE LIMESTONE FORMATION) Moderately strong thinly bedded creamy whitish brown LIMESTONE recovered as gravel, cobbles and boulders. Gravel is fine to coarse angular to subangular fossiliferous limestone. Cobbles are subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 2.00m		

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: 2.00m Width: 0.60m Logged: KM



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 119 56m AOD Total Depth

Ground Level	119.56m A	OD	Coc	ordinates	E 454608.65 N 228971.68	Total Depth	2.20m
Sample Depth	Dogult	Level	Strata Depth	Ease	Description	on of Ctrata	Logand CW

Ground		119.50111AO			umate	5 E 404000.00 N 220971.00 Total Depth	Acc	.20111
Sample / Test Type	Depth (m)		Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	gw
ES	- - 0.20 -	1	- 19.26	(0.30)	E	Soft dark brown slightly gravelly CLAY with rare cobbles and rare rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) Orangish brown slightly sandy very clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse subangular limestone. Cobbles are		
D	- 0.60 -			(1.20)	E/M	subangular limestone. Boulders are limestone. (WHITE LIMESTONE FORMATION)		
D	 - 1.10 -		-	(1.25)				
D	- - - 1.70	1	118.0 6	1.50	М	Light creamy brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular tabular fossiliferous limestone. Cobbles are subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B D	- 2.00 2.10 		117.66 — - 117.36	1.90 (0.30) 2.20	VH	Moderately strong thinly bedded creamy whitish brown fossiliferous LIMESTONE recovered as gravel, cobbles and bounders of subangular to angular tabular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 2.20m		
			-					
	- - -							
	 		-					
			0.000 0.000 0.000 0.000					
			-					

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: 2.00m Width: 0.60m

Logged: KM



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

Client Albion Land Ltd Sheet 1 of 1

Scale

1:25

119 26m AOD Total Double 0.00--Consumed Louise Coordinates E 454000 04 N 000000 04

Ground	Level	118.36m AOD	Coo	rdinate	s E 454608.94 N 228902.01 Total Depth	2	.00m
Sample / Test Type	Depth (m)	Result Leve (mAol		Ease of Dig	Description of Strata	Legend	GW
ES	0.25	118.1 118.0	- (0.20) 6- 0.20 (0.15)	E M	Soft dark brown slightly gravelly slightly silty CLAY with rare to occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) Soft reddish brown slightly gravelly slightly silty CLAY with occasional cobbles.		
D	- 0.60		(1.05)	M/H	Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (SUBSOIL) Light yellowish greyish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)	22 9 24 9 24 9 24 9 24 9 24 9 24 9 24 9	
D	- - 1.50 -	116.9	(0.60)	H/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)		
В	- 1.90	116.3			End of Trial Pit at 2.00m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slight collapse of strata between 0.35m and 1.40m bgl.

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

completion.

Date

20/05/2021

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



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

Client Sheet Albion Land Ltd 1 of 1

Scale

1:25

Sample / Test Type Depth (m) Re:	Level (mAoD) - 118.17 117.87-	Strata Depth (thickness) Color Color	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.	Legend	GW
-		(0.20) E 0.20 (0.30) E/M	rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is		
-	117.87	170300078	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is		1 1
		(1.25) M	subangular limestone. (WHITE LIMESTONE FORMATION) Light 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 fossiliferous limestone. (WHITE LIMESTONE FORMATION) Below 1.20m bgl: becoming light creamy brownish white.		
	116.62	1.75 (0.15) VH	Moderately strong thinly bedded creamy whitish 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 1.90m		

Method: Wheeled backhoe excavator.

Date

02/06/2021

Groundwater: Groundwater not encountered.

Stability: Slight collapse of north wall

Remarks: Terminated at 1.90m bgl due to competent rock strength strata. Trial pit used for soakaway testing prior to being backfilled with arisings on completion of test, see separate sheets for soakaway results.

Length: 2.05m

Width: 0.60m

Logged: KM



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	116.72m AOD	Coordinate	s E 454609.08 N 228832.08 Total Depth	1	.90m
Sample / Test Type Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m) Strata Depth (thickness) Of Dig	Description of Strata	Legend	GW
ES - 0.10 - - B - 0.50 D - 0.60	116.42	(0.30) E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) Orangish yellowish 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	
D - 1.20	115,82-	(0.50)	Light creamy brownish white 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)		
D - 1.50 - B - 1.80	115.32-	(0.50)	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)		
	114.82	1.90	End of Trial Pit at 1,90m		

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: 2.40m 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 21/05/2021 Scale 1:25

114 00m AOD Total Donth 4 05---Consumed Louise O----E 454000 40 N 000700 04

Ground	Level	114.90m AC	DD	Coo	rdinate	s E 454609.19 N 228762.21 Total Depth	1	.85m
Sample / Test Type	Depth (m)		Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
Турс		1	114.60	(0.30)	E	Soft dark brown slightly gravelly slightly silty 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)		
ES	- 0.40 -	1	114.4 0	(0.20) 0.50	Е	Soft reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (SUBSOIL)	× - ×	
D	- 0.80		114.00-	0.40)	М	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.	, 22 ° , 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6	
	-		-			(WHITE LIMESTONE FORMATION) Light creamy brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	_ _ - 1.60			(0.90)	M/H			_
D B	- 1.60 - 1.70 - - - - - - - - - - - - - - - - - - -	1	113.10- 113.07. 113.0 <u>5</u>	1.80 (0.03) 1.83 (0.02) 1.85	VH	Moderately weak thinly bedded brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) Moderately weak LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.85m		
								V

Method: Wheeled backhoe excavator. Groundwater: Groundwater at 1,60m bgl.

Stability: Stable

Remarks: Terminated at 1.85m 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 20/05/2021 Scale 1:25

Ground	Level	114.22m AOD	Coo	rdinate	s E 454608.29 N 228692.15 Total Depth	1	.55m
Sample / Test Type	Depth (m)	Result Leve		Ease of Dig	Description of Strata	Legend	GW
ES	- - 0.30 - - 0.50	113.5 113.7	(0.30) 02- 0.30 (0.15)	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) Soft reddish brown slightly silty slightly gravelly CLAY with occasional cobbles and rare roots and rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone.		
LB	- - 0.80		(0.65)	М	(SUBSOIL) Orangish yellowish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		_
D LB	- - - 1.40 _ 1.40	113,	(0.45)	M/H	Light creamy brownish white 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)		
		112.6	2, 1.55		End of Trial Pit at 1.55m		

Method: Wheeled backhoe excavator.

Groundwater: Slight seepage at 0.9m bgl. Fast seepage at 1.50m bgl.

Stability: Stable

Remarks: Terminated at 1.55m 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 19/05/2021 Scale 1:25

Ground Leve	114.15m AOD	Coord	linates	E 454608.80 N 228619.57 Total Depth	1	.80m
Sample / Test (m)			Ease of Dig	Description of Strata	Legend	GW
ES - 0.10	113.	- (0.20) 95- 0.20	E	Soft dark brown slightly gravelly slightly silty CLAY with rare to occasional cobbles, Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular 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 tabular limestone. (WHITE LIMESTONE FORMATION)	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
D - 0.80	113.	15 1.00			6 ec. e.	
-: -: -:		(0.35)	M/H	Firm orangish brown gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D - 1.40 D - 1.60	112	(0.20) 60 1.55	Н	Light creamy brownish greyish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone.		
B - 1.70		25 54	VH \	(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) End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator. Groundwater: Seepage at 1.75m bgl

Stability: Sides collapsing in

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

completion.

Length:

Width: 0.60m

Logged: KM



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 114.01m AOD Coordinates E 454596.75 N 228551.51 Total Depth 1.45m

Ground	Level	114.01m AOD	Coo	rdinate	s E 454596.75 N 228551.51 Total Depth	1	.45m
Sample / Test Type	Depth (m)	Result Lev		Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.10 - - - - - - 0.70	113.	(0.30) 71- 0.30 - (0.70)	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 subangular 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)		av. lav. lav. lav. lav. lav.
B D	- 1.30 - 1.30 - 1.30 	113. 112.	91- (0.10) 1.10 (0.35)	H/VH VH	Light creamy brownish white slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse subangular to subrounded limestone. Cobbles and boulders are angular to subangular tabular fossiliferous 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) End of Trial Pit at 1.45m		24 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slight collapse of sides

Remarks: Terminated at 1.45m 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

Ground Level 120 71m AOD Coordinates F 454677 52 N 229253 72 Total Benth 2 60m

Scale

1:25

Ground	Level	120.71m A	OD	Coo	rdinate	s E 454677.52 N 229253.72 Total Depth	2	.60m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
	-		120.46	(0.25)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets, Gravel is fine to coarse subangular to subrounded quartzite and limestone, Cobbles are subangular to subrounded limestone, (TOPSOIL)		
ES	- 0.30		120.31	(0.15) 0.40	E	Soft to firm reddish brown slightly silty slightly gravelly CLAY with occasional cobbles and rare rootlets. Gravel is fine to coarse subangular to subrounded		
D B	- 0.50 - - 0.70		_			quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) Creamy orangish brown clayey GRAVEL with frequent cobbles and rare		
В	- 0.70 - -		-			boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders (up to 450mm) are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
			-	(1.60)	M/H			
D	- 1.50 -							
			_ 118.7 1	2.00	н	Light creamy greyish brown slightly clayey GRAVEL with frequent cobbles.		
D	- 2.20		-	(0.60)		Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)	ه مثان العد م	
В	- 2.40		-	(0.00)	VH	,,	- 19 9 - 19 9	
			118 . 11-	2.60		End of Trial Pit at 2.60m	, 10 1	
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	L	10 c						7.0

Method: Wheeled backhoe excavator.

Groundwater: Groundwater encountered at 2,55m bgl.

Stability: Stable

Date

24/05/2021

Remarks: Terminated at 2.60m bgl due to competent 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 25/05/2021 Scale 1:25

Ground Level	120.03m AOD	Coordinate	s E 454681.88 N 229190.42 Total Depth	1	.95m
Sample / Test Type Depth	Result Level (mAoD)	Strata Depth (thickness) (m) Strata Ease of Dig	Description of Strata	Legend	GW
D - 0.60 LB - 0.90 D - 1.10	119.63- 119.63- -	(0.30)	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse subangular to subrounded quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL/MADE GROUND) Soft to firm reddish brown slightly silty slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL/POSSIBLE MADE GROUND) Soft to firm greyish brown slightly mottled red slightly gravelly CLAY with rare cobbles. and rare to occasional fragments of decomposing wood. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone. (POSSIBLE MADE GROUND) Between 0.40m and 0.80m bgl: on north side of pit- dark orangish brown slightly clayey gravel with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles areangular to subangular limestone.		
D - 1.50 - - B - 1.80	118.5 3	1.50	Moderately strong thinly bedded light creamy brownish white LIMESTONE recovered as gravel, cobbles and boulders. Gravel is fine to coarse and angular to subangular. Cobbles and boulders are angular to subangular tabular and fossiliferous. (WHITE LIMESTONE FORMATION)		
	118.08	1.95	End of Trial Pit at 1,95m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.95m 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 04/06/2021 **Scale** 1:25

Ground Level 119.55m AOD Coordinates E 454674.76 N 229133.87 Total Depth 2.05m

Ground	Level	119.55m AO	טו	C00	rdinates	s E 454674.76 N 229133.87 Total Depth	2	.05m
Sample / Test Type	Depth (m)		Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES B	- 0.10 - - - 0.60 - 0.80	1	19.35-	(0.20) 0.20 (0.95)	E M/H	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. Cobbles are angular to subrounded limestone. (TOPSOIL) Dark reddish 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)		la composition de la composition della compositi
	- - - -	1	18.40	1,15	9.	Light creamy brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		. los. los. los. los.
B D	- - 1.90 1.90 - -	1	17.50	2.05	9.	At 2.05m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 2.05m	20.22.9	
	- - - -							
	- - - - -		-					

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 2.05m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Length: 2.30m **Width:** 0.60m

Logged: KM



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

round	Level	119.50m	AOD	Coo	rdinate	s E 454680.12 N 229042.26 Total Depth	2	.00n
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.15		119.25	(0.25)	E	Soft dark brown slightly gravelly CLAY with occasional cobbles and rare rootlets, Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular limestone. (TOPSOIL)		
D	- - 0.50		-	(0.50)	M/H	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	- 0.80 -		118.75	0.75	н	Creamy yellowish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular tabular limestone. Cobbles are subangular tabular limestone.		
			118.30-	1.20	9	(WHITE LIMESTONE FORMATION) Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as tabular gravel, cobble and boulders. Gravel,		
D	- 1.50			(0.80)	VH	cobbles and boulders are subangular to angular limestone. (WHITE LIMESTONE FORMATION)		
В	- - 1.80			(0.00)				
	_		117.50	2.00	8	End of Trial Pit at 2.00m		
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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

Scale

1:25

 Ground Level
 119.10m AOD
 Coordinates
 E 454679.24 N 228971.36
 Total Depth
 1.00m

Ground Level	119.10m AOD	Coordinate	s E 454679.24 N 228971.36 Total Depth	1	.00m
Sample / Test (m)	Result Level (mAoD)	Strata Depth (thickness) (m) Strata Ease of Dig	Description of Strata	Legend	GW
/ Test Depth	119.10m AOD Result Level (mAoD) 118.85 118.70 118.35	(0.25) E E/M (0.35) M (0.25) (0.25)	•	Υ	GW

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.00m bgl due to competent rock strength strata. Trial pit backfilled with arisings on

completion.

Date

17/05/2021

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

Date 17/05/2021 Scale 1:25 Coordinates **Total Depth** Ground Level 118.51m AOD E 454680.06 N 228902.39 2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	G
						Soft dark brown slightly gravelly CLAY with rare cobbles and rare rootlets near	X//XXX//X	

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
	0.00		118.26	(0.25)	E	Soft dark brown slightly gravelly CLAY with rare cobbles and rare rootlets near surface. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
ES D	- 0.30 - - 0.50		118.01	(0.25) 0.50	М	Soft reddish brown slightly gravelly CLAY with rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are limestone.		
В	- 0.70 -		-	(0.60)	M/H	\((SUBSOIL)\) Orangish yellowish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone. (WHITE LIMESTONE FORMATION)		
D	 - - 1.30		117.41-	1.10	8	Creamy whitish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
			116.91	(0.50)	Н			
D	- 1.70 - -		_	(0.60)	VH	Moderately strong thinly bedded creamy whitish brown fossiliferous LIMESTONE recovered as fine to coarse angular to subangular tabular gravel, cobbles and boulders of angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
			116.31-	2,20	8	End of Trial Pit at 2,20m		
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			-					
			-					
			0 <u>==</u>					Ve

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

Ground Level 117 43m AOD Coordinates F 454683 13 N 228830 60 Total Donth

Scale

1:25

Ground Le	evel	117.43m A	OD	Cool	dinate	s E 454683.13 N 228830.69 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 -	0.20 0.40		- 117.13- - -	(0.30) 0.30 (0.40)	E M/H	Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) 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 2 2 3 3 4 3 4 5 4 5 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5	A VIII A
- - - B -	0.80		116.73-	(0.40) 0.70 (0.20) 0.90	M/H	limestone.		
	3							

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

20/05/2021

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 20/05/2021 Scale 1:25

Ground	Level	115.99m AC	DD	Cool	rdinate	s E 454678.71 N 228762.03 Total Depth	1	.70m
Sample / Test Type	Depth (m)		Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 - - - - 0.50	1	115.74	(0.25) 0.25	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) Orangish brown dayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular		
D	- 0.60 -		-	(0.65)	E/M	limestone. (WHITE LIMESTONE FORMATION)		
D	- - - - 1.20	1	115.09	0.90	н	Light creamy brownish white 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)		
B D	- - 1.60 _ 1.60		114.49	1.50 (0.20) 1.70	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) End of Trial Pit at 1,70m	,a .eg .9	
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			3 T					

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

Date 21/05/2021 Scale 1:25

114 E0m AOD Total Donth 4 40--Consumed Louisi O----E 454070 00 N 000004 00

Ground	Level	114.59m AOD	Coo	rdinate	s E 454678.89 N 228691.68 Total Depth	1	.40m
Sample / Test Type	Depth (m)	Result Leve (mAol		Ease of Dig	Description of Strata	Legend	GW
ES D	- 0.20 - 0.40 0.90	114,2	(0.30)	E M/H	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) 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)		
D	_ - - 1.30	113.5	9 1.00	нлин	Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)	1 1	_
	134) 134	113.1	9 1.40	3	End of Trial Pit at 1,40m		
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		8					

Method: Wheeled backhoe excavator. Groundwater: Seepage at 1,30m bgl.

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

Client Albion Land Ltd Sheet 1 of 1

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

Ground Level 113.68m AOD Coordinates E 454678.91 N 228623.63 Total Depth 2.20m

Ground Level	113.68m AOD	Coordinate	s E 454678.91 N 228623.63 Total Depth	2.	20m
Sample / Test Type Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m) Strata Depth Ease of Dig	Description of Strata	Legend	GW
D - 1.10	113.3 8 113.28	(0.30) E 0.30 (0.10) 0.40 (1.20)	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) Soft reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. (SUBSOIL) Orangish yellowish brown slightly clayey slightly sandy 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 B - 2.10 D - 2.10	112.08	1.60 (0.60) 2.20	Moderately weak to moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to subrounded tabular limestone. Gravel noted to be slightly clayey. (WHITE LIMESTONE FORMATION) End of Trial Pit at 2,20m		•

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 1.85m bgl

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

Ground Level	112.19m AOD	Coordinate	s E 454668.85 N 228552.27 Total Depth	1.4	40m
Sample / Test Type Depth (m)	Result Level (mAoD)	Strata Depth (thickness) (m) Strata Ease of Dig	Description of Strata	Legend	GW
ES - 0.40	111.94	(0.25) E 0.25 (0.35) E	Soft dark brown slightly gravelly slightly silty CLAY with rare to occasional rootlets and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) Soft dark reddish brown slightly silty slightly gravelly CLAY with rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone.	X X	
D - 0.70	111.04	(0.55) M	\((SUBSOIL)\) Orangish brown dayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		•
B - 1.30 D - 1.30 -	110.79	(0.25) VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to subrounded tabular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.40m		

Method: Wheeled backhoe excavator.
Groundwater: Seepage at 1.10m bgl
Stability: Unstable 0.6m to 1.15m bgl

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

Client Albion Land Ltd Sheet 1 of 1

Date 02/06/2021 Scale 1:25

Ground Level 112.19m AOD Coordinates E 454668.85 N 228552.27 Total Depth 1.45m

Ground Level	112.19m AOD	Coordinate	s E 454668.85 N 228552.27 Total Depth	1	.45m
Sample / Test / Type (m)	Result Level (mAoD)	Strata Depth (thickness) (m) Strata Depth Chickness Of Dig	Description of Strata	Legend	GW
/ Toot		(thickness) of Dig (0.25) E 0.25 (0.15) E/M 0.40 (0.40) H 0.80	Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. (TOPSOIL) Soft to firm reddish brown slightly silty slightly gravelly CLAY. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. (SUBSOIL) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. (WHITE LIMESTONE FORMATION) Yellowish brown slightly clayey GRAVEL with frequent cobbles and rare	Legend	GW
	110.74	(0.65) H/VH	boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) At 1.45m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.45m		
			End of Trial Pit at 1.45m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater at 1,40m bgl.

Stability: Stable

Remarks: Terminated at 1.45m bgl due to competent rock strength strata. Trial pit used for soakaway testing prior to being backfilled with arisings on completion of test, see separate sheets for soakaway results.

Length: 2.15m

Width: 0.60m

Logged: KM



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 111.69m AOD Coordinates E 454693.07 N 228505.24 Total Depth 1.30m

Ground	Level	111.69m AO	D	Cool	rdinate	E 454693.07 N 228505.24 Total Depth	1	.30m
Sample / Test Type	Depth (m)	Resu i t (I	Level mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -	1	111.39	(0.30)	E	Soft dark brown slightly slithy slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)	×	
D	- 0.40 -		-	(0.40)	М	Dark 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)		
LB	- - 0.80 -		110.99 - - 110. 69	0.70 (0.30) 1.00	M/H	Light yellowish 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)		•
В	- - 1.20		110.39	(0.30)	H/VH	Moderately strong creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
			977 120 110			End of Trial Pit at 1,30m		
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Method: Wheeled backhoe excavator.

Groundwater: Groundwater at 0,90m bgl.

Stability: Stable

Remarks: Terminated due to high groundwater level preventing view of base of excavation. 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 04/06/2021 **Scale** 1:25

Ground Level 118,14m AOD Coordinates E 454748,92 N 228902,22 Total Depth 1,00m

Ground	Level	118.14m A	OD	Coo	rdinate	s E 454748.92 N 228902.22 Total Depth	1	.00m
Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	- 0.10 -		117.94	(0.20) 0.20	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone.	وْ قَدْ، في	
D	- 0.30 -		117.74	(0.20) 0.40	М	\((TOPSOIL)\) Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular		
D	- 0.60			(0.35)	M/H	limestone. (WHITE LIMESTONE FORMATION) Dark greyish brown mottled orange clayey GRAVEL with frequent cobbles and		
В	- - 0.90		117.39	0.75 (0.25)	н∕∨н	occasional to frequent shell fragments. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)	6 00 0 6 00 0 6 00 0	
D	0.90 _ _		117.1 4 - -	1.00		Light creamy 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 limestone.	, <u></u>	
	54 54		5 11 5			(WHITE LIMESTONE FORMATION) End of Trial Pit at 1.00m		
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Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.00m bgl due to broken hydraulic hose on excavator meaning could not progress.

Length: 2.30m Width: 0.60m

Logged: KM

