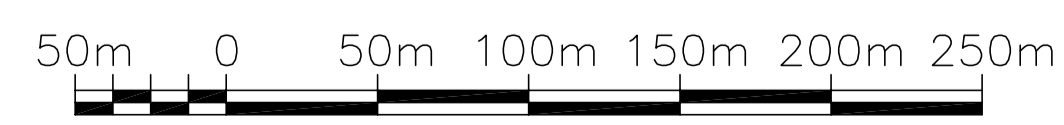




Concept Site Levels (1:2500 @A1)



1:2500 @ A1

PRELIMINARY

Rev	Date	Revision Description
B	09.08.21	Swales updated to allow for trees
A	29.07.21	Site Layout updated

Revision Schedule

Project Title	Junction 10 - M40
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Client	
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Drawing Title	CONCEPT SITE LEVELS
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BAILEY JOHNSON HAYES Consulting Engineers	
<small>ST. ALBANS: Suite 4, Phoenix House, 63 Campfield Rd, ST. ALBANS, Herts AL1 5FL MANCHESTER: Grange House, John Dalton Street, MANCHESTER, M2 6FW</small>	

Scale	1:2500 @A1	Drawing Number	S1299-Ext-05 B
Date	07.07.21	Drawn	JNG

APPENDIX C

TRIAL PIT LOG

TP1

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 127.05m AOD

Coordinates E 454133.92 N 229380.57

Total Depth

1.50m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.20)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone.		
D	0.25		126.85 126.70	0.20 (0.15) 0.35		(TOPSOIL)		
					M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.90			(0.80)		Light orangish brown slightly clayey to 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)		
D	1.30		125.90	1.15	H	Light creamy brownish white 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)		
B	1.40		125.57 125.55	(0.33) 1.48 (0.02) 1.50		Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.50m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP2

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 126.39m AOD

Coordinates E 454121.67 N 229318.88

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		126.09	(0.30) 0.30	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 angular to subrounded limestone. (TOPSOIL)		
D	0.50					Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
LB	0.90			(1.10)	M			
D	1.40		124.99	1.40	M/H	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	1.60		124.79	1.60				
B	1.70		124.59	1.80	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 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP3

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 125.69m AOD

Coordinates E 454117.33 N 229249.75

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		125.49	(0.20) 0.20	E	Soft to firm dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.40		125.09	(0.40) 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. (WHITE LIMESTONE FORMATION)		
D	0.90			(0.85)	M	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)		
B D	1.50 1.50		124.24 124.09	1.45 (0.15) 1.60	H	Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.60m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP4

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 124.57m AOD

Coordinates E 454119.27 N 229180.37

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	0.10		124.37	(0.20)	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.		
			124.27	(0.10)	E	(TOPSOIL)		
				0.30				
D	0.60			(0.90)	M	Soft dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles and rare rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone.		
						(SUBSOIL)		
						Orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone.		
						(WHITE LIMESTONE FORMATION)		
D	1.20		123.37	1.20				
				(0.50)	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)		
D	1.70		122.87	1.70				
B	1.80		122.67	(0.20)	VH	Moderately strong thinly bedded light creamy brownish white LIMESTONE recovered as gravel, cobbles and boulders (maximum 0.30m x 0.30m) of fine to coarse angular to subangular tabular limestone.		
				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:	2.30m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP5

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 123.75m AOD

Coordinates E 454112.31 N 229114.16

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		123.45	0.30	E	Soft dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
D	0.60		123.30	0.15 0.45	E	Soft dark reddish brown slightly silty slightly gravelly CLAY with rare to occasional cobbles and rare rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. (SUBSOIL)		
				0.65	E/M	Orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.40		122.65	1.10	M	Light orangish brownish cream 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		122.20	1.55	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)		
B	1.70		122.15	0.05				
			121.95	1.60 0.20 1.80	VH	Moderately strong thinly bedded light creamy brownish white fossiliferous 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 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP6

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 122.80m AOD

Coordinates E 454150.02 N 229060.97

Total Depth

2.10m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		122.50	(0.30)	E	Soft dark brown slightly silty 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)		
D	0.60			(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. (WHITE LIMESTONE FORMATION)		
D	0.90		121.90	0.90	M	Light creamy brownish white clayey GRAVEL with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
				(0.50)				
D	1.60		121.40	1.40	H/VH	Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as fine to coarse angular to subangular gravel, cobbles and boulders (maximum 0.30m x 0.30m) of tabular limestone. (WHITE LIMESTONE FORMATION)		
				(0.70)				
B	2.00		120.70	2.10		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.

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

TRIAL PIT LOG

TP7

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


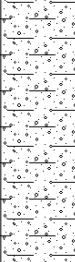
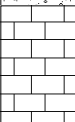
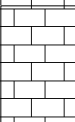
Ground Level 127.86m AOD

Coordinates

E 454189.12 N 229522.51

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		127.56	(0.30) 0.30	E	Soft light reddish brown slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.80		126.66	(0.90) 1.20	E/M	Light orangish brown slightly sandy clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. (WHITE LIMESTONE FORMATION)		
D	1.40		126.26	(0.40) 1.60	M	Moderately strong light creamy brown LIMESTONE recovered as gravel and cobbles of tabular subangular limestone and occasional boulders of subangular limestone. (WHITE LIMESTONE FORMATION)		
B D	1.80 1.80		125.86	(0.40) 2.00	VH	Moderately strong thinly bedded light creamy brownish grey fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of 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:	2.20m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP8

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


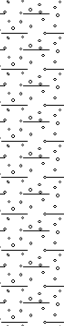
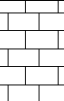
Ground Level 127.32m AOD

Coordinates

E 454189.04 N 229461.74

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		127.02	(0.30) 0.30	E	Soft dark reddish brown slightly gravelly slightly silty CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to angular limestone. Frequent rootlets near surface. (TOPSOIL)		
D	0.80			(1.15)	E/M	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)		
B D	1.60 1.60		125.87 125.52	1.45 (0.35) 1.80	VH	Moderately strong light creamy brownish grey fossiliferous LIMESTONE recovered as tabular gravel, cobbles and boulders of limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP9

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 126.08m AOD

Coordinates

E 454188.83 N 229392.01

Total Depth

1.70m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.40			(0.30)	E	Soft dark brown CLAY with frequent rootlets near surface. Gravel is fine to coarse subangular to subrounded limestone and quartzite. (TOPSOIL)		
				125.78	0.30			
D	1.00			(0.20)	E	Soft to firm reddish brown slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to angular limestone. (SUBSOIL)		
				125.58	0.50			
D	1.40			(0.80)	E/M	Orangish brown clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse subangular to angular limestone. Cobbles are subangular to angular limestone. Boulders are subangular limestone. (WHITE LIMESTONE FORMATION)		
				124.78	1.30			
B	1.60			(0.20)		Light creamy greyish white GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
				124.58	1.50			
D	1.60		124.38	1.70		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		

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

TRIAL PIT LOG

TP10

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 126.22m AOD

Coordinates E 454194.78 N 229312.02

Total Depth

2.10m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		125.92	(0.30) 0.30	E	Soft dark brown slightly gravelly CLAY with occasional to frequent cobbles and frequent rootlets near the surface. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to angular limestone. (TOPSOIL)		
D	0.90			(1.10)	M	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	1.40		124.82	1.40 (0.50)		Light creamy brownish white GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	2.00		124.32	1.90 (0.20)		Moderately strong thinly bedded creamy whitish brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	2.00		124.12	2.10		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.

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

TRIAL PIT LOG

TP11

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


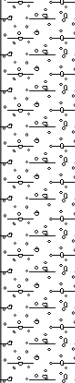

Ground Level 125.60m AOD

Coordinates

E 454188.14 N 229251.27

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	0.15		125.35	(0.25)	E	Soft dark brown slightly gravelly CLAY with occasional cobbles and frequent rootlets near surface. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone.		
D	0.40			0.25		(TOPSOIL)		
D	1.20			(1.35)	M	Orangish brown slightly clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse subangular limestone. Cobbles and boulders are subangular tabular limestone.		
B	1.80		124.00	1.60	H/VH	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 fossiliferous limestone.		
D	1.80		123.70	1.90		(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:	2.20m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP12

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 124.60m AOD

Coordinates E 454189.34 N 229181.27

Total Depth

1.70m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		124.35	(0.25) 0.25	E	Soft dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
D	0.50			(0.60)	M	Orangish brown clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.90		123.75	0.85 (0.30)	M/H	Light creamy yellowish 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	1.20		123.45	1.15	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)		
B D	1.50 1.60			(0.40)	VH			
			122.90	1.70		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

TRIAL PIT LOG

TP13

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 122.98m AOD

Coordinates E 454185.09 N 229109.09

Total Depth

1.50m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.25)	E	Soft dark brown slightly gravelly slightly silty CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone.		
D	0.30		122.73	0.25	E	(TOPSOIL)		
			122.53	0.45	E	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
					E/M	(WHITE LIMESTONE FORMATION)		
LB	0.70			(0.45)	E/M	Light creamy orangish brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
			122.08	0.90	E/M	(WHITE LIMESTONE FORMATION)		
D	1.00			(0.30)	H	Light creamy brownish white slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone.		
			121.78	1.20	H	Cobbles and boulders (maximum 0.30m x 0.30m) are subangular tabular limestone.		
D	1.30			(0.30)	VH	(WHITE LIMESTONE FORMATION)		
B	1.40			(0.30)	VH	Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to angular tabular limestone.		
			121.48	1.50	VH	(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.50m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP14

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 121.92m AOD

Coordinates E 454189.34 N 229041.95

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		121.62	(0.30) 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	0.50		121.12	(0.50) 0.80	E/M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.10		120.52	(0.60) 1.40	M/H	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)		
B D	1.50 1.50		120.32	(0.20) 1.60	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 1.60m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP15

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 126.28m AOD

Coordinates

E 454258.38 N 229461.42

Total Depth

2.10m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.30)	E	Soft reddish brown slightly gravelly slightly silty CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. Frequent rootlets near surface. (TOPSOIL)		
LB	0.70		125.98	0.30		Orangish creamy brown clayey GRAVEL and COBBLES. Gravel is fine to coarse subangular to subrounded fossiliferous limestone. Cobbles are subangular to subrounded limestone. (WHITE LIMESTONE FORMATION)		
D	1.00			(1.60)	E/M			
B	2.00		124.38	1.90				
D	2.00		124.18	(0.20) 2.10	H/ VH	Light creamy brown slightly orange slightly sandy GRAVEL, COBBLES and BOULDERS. Gravel is fine to coarse subangular to subrounded moderately strong, tabular, fossiliferous limestone. Cobbles and boulders are moderately strong angular to subangular 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.

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

TRIAL PIT LOG

TP16

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 125.83m AOD

Coordinates

E 454258.67 N 229390.94

Total Depth

2.40m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.50		125.53	(0.30)	E	Soft reddish brown slightly gravelly CLAY with rare cobbles. Gravel is fine to medium subangular to subrounded quartzite. Cobbles are subangular limestone. Frequent rootlets near surface. (TOPSOIL)		
			125.23	(0.30)	E	Soft to firm reddish brown slightly gravelly CLAY with rare to occasional cobbles and rare rootlets. Gravel is fine to medium subangular to subrounded quartzite. Cobbles are limestone. (SUBSOIL)		
D	1.40			(1.30)	M/H	Orangish brown clayey slightly sandy GRAVEL. with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (WHITE LIMESTONE FORMATION)		
			123.93	1.90	VH	Moderately strong thinly bedded light creamy brownish grey fossiliferous LIMESTONE. Recovered as slightly sandy gravel, cobbles and boulders of subangular limestone. (WHITE LIMESTONE FORMATION)		
B	2.20		123.43	2.40			End of Trial Pit at 2.40m	

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP17

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 125.32m AOD

Coordinates E 454254.27 N 229327.36

Total Depth

2.05m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		125.02	(0.30)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.		
						(TOPSOIL)		
D	0.60		124.82	(0.20)	E	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.		
LB	0.70			(0.50)		(SUBSOIL)		
						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)		
				(1.20)	M	<i>Below 1.20m bgl: rare to occasional limestone boulders.</i>		
D	1.60		123.62	1.70				
				(0.20)	M/H	Light creamy orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone.		
B	1.90		123.42	1.90				
D	1.90		123.27	(0.15)	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.		
				2.05		(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 2.05m		

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

TRIAL PIT LOG

TP18

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 27/05/2021

Scale

1:25

Ground Level 124.53m AOD

Coordinates

E 454255.01 N 229254.01

Total Depth

2.25m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		124.23	(0.30) 0.30	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.60			(0.60)	E	Soft to firm reddish brown slightly gravelly slightly silty CLAY with occasional to rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)		
D	0.90		123.63	0.90		Orangish yellowish brown clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
				(0.80)	M/H			
D	1.60		122.83	1.70		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)		
				(0.30)	H			
D	2.00		122.53	2.00		Moderately strong thinly bedded LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	2.10		122.28	(0.25) 2.25	VH			
						End of Trial Pit at 2.25m		

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:	2.00m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP19

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 123.87m AOD

Coordinates

E 454256.77 N 229181.99

Total Depth

1.70m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		123.57	(0.30) 0.30		Soft dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.70			(1.00)		Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.00							
D	1.40		122.57	1.30 (0.25)		Light creamy brownish white slightly clayey GRAVEL with frequent cobbles and rare boulders (maximum 0.30m x 0.30m). Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular, fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B	1.60		122.32 122.17	1.55 (0.15) 1.70		Moderately strong thinly bedded light creamy brownish white 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		

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

TRIAL PIT LOG

TP20

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


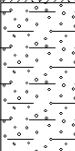
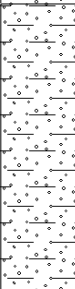
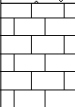
1:25

Ground Level 113.56m AOD

Coordinates E 454954.00 N 228486.89

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.35)	E	Soft dark brown slightly silty slightly gravelly CLAY with rare cobbles and frequent rootlets near surface of strata. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
D	0.50		113.20	0.35	M/H	Orangish yellowish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.90		112.70	0.85	H/VH	Light yellowish cream slightly clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse subangular to subrounded tabular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.80		111.76	1.80	VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel and frequent cobbles of fine to coarse subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	2.00		111.36	0.40				
						End of Trial Pit at 2.20m		

Method: Wheeled backhoe excavator

Groundwater: Groundwater not encountered.

Stability: Stable but slight collapse of sides between 0.85m and 1.85m bgl.

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

TRIAL PIT LOG

TP21

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 121.18m AOD

Coordinates E 454266.16 N 229045.48

Total Depth

1.45m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		120.88	(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)		
D	0.50		120.43	(0.45)	E/M	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)		
D	0.80			(0.45)	M	Light creamy brownish white locally orange clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.20		119.98	1.20	VH	Moderately strong thinly bedded light creamy brownish white fossiliferous 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)		
B	1.30		119.73	1.45				
						End of Trial Pit at 1.45m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP22

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 120.37m AOD

Coordinates E 454258.85 N 228971.58

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	0.10		120.07	(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)		
D	0.50		119.27	(0.80)	M/H	Dark orange brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders (maximum 0.30 x 0.30m) are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.20		119.27	(0.70)	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)		
D B	1.70 1.80		118.57 118.47	1.80 (0.10) 1.90	H/VH	Moderately strong thinly bedded creamy brownish 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: 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

TRIAL PIT LOG

TP23

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 120.42m AOD

Coordinates E 454283.11 N 228921.00

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		120.12	(0.30)	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)		
			119.82	(0.30)	E	Soft dark reddish brown slightly gravelly slightly silty CLAY with rare to occasional. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. (SUBSOIL)		
D	0.70		119.42	(0.40)	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
			119.42	1.00		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	1.40			(0.70)	M/H			
B	1.70		118.72	1.70				
D	1.70		118.62	(0.10)	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)		
				1.80		End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

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

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

TRIAL PIT LOG

TP24

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 125.63m AOD

Coordinates E 454311.11 N 229455.22

Total Depth

2.50m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20					Soft to firm dark reddish brown slightly silty slightly gravelly CLAY with rare to occasional cobbles and occasional rootlets. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone (near surface only). (POSSIBLE MADE GROUND)		
LB	0.90			(1.30)	E			
D	1.20		124.33	1.30		<i>Below 1.20m bgl: becoming orangish red.</i>		
D	1.80			(0.80)	E/M	Soft to firm dark orangish brown mottled slightly orange slightly silty CLAY with possible organic material present (black in colour). (POSSIBLE MADE GROUND)		
B D	2.40 2.40		123.53 123.13	2.10 2.50	(0.40) H	Firm to stiff dark orangish brown mottled orange slightly gravelly CLAY with occasional to frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
						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
Checked:	AS

TRIAL PIT LOG

TP25

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 124.93m AOD

Coordinates

E 454322.44 N 229389.40

Total Depth

1.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		124.63	(0.30)	E	Soft dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.40		124.33	(0.30)	E	Soft to firm dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles and rare to occasional rootlets. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (SUBSOIL)		
D	0.90			(0.55)	M	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)		
B D	1.15 1.15		123.78 123.73	1.15 (0.05) 1.20	H/VH	Moderately strong thinly bedded creamy orangish brown 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 1.20m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP26

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 124.34m AOD

Coordinates E 454327.38 N 229320.53

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		124.09	(0.25)	E	Soft dark brown slightly silty slightly gravelly CLAY with frequent to occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subangular to subrounded limestone.		
D	0.40		123.84	(0.25)	E/M	(TOPSOIL)		
D	0.60			0.50		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)		
				(0.70)	H	Light orangish yellowish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
D	1.20		123.14	1.20		Firm to stiff light creamy grey slightly mottled brown very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
				(0.70)	H/VH			
B	1.90		122.44	1.90				
D	1.90		122.34	(0.10)		Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders (maximum 0.30m x 0.30m) of fine to coarse and angular to subangular limestone.		
				2.00		(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:	2.10m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP27

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 123.83m AOD

Coordinates 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	0.10		123.53	(0.30)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.50		123.23	(0.30)	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			(0.70)	M/H	Light 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	1.40		122.53	1.30	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)		
			122.33	1.50		Light orangish creamy brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.90			(0.69)	H/VH	Light orangish creamy brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
B	2.10		121.64	2.19	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)		
			121.63	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:	2.30m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP28

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 26/05/2021

Scale

1:25

Ground Level 122.82m AOD

Coordinates 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.		
B	0.50		122.42	0.30	E	(TOPSOIL)		
D	0.60			0.40		Soft to firm reddish brown slightly silty slightly gravelly CLAY with rare to occasional roots and rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subrounded limestone.		
						(SUBSOIL)		
D	1.20			(1.50)	M/H	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) <i>Below 1.20m bgl: rare boulders (maximum 0.40m x 0.40m).</i>		
D	1.70							
D	1.90		120.92	1.90				
B	2.00			(0.24)	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. (WHITE LIMESTONE FORMATION)		
			120.68	2.14				
			120.67	(0.01)				
				2.15		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		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP29

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		121.84	(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.		
			121.74	0.30 (0.10)	E	(TOPSOIL)		
D	0.70			0.40 (0.60)	M/H	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 limestone.		
			121.14	1.00		Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
D	1.30			(0.84)	H/VH	(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.		
B D	1.70 1.70		120.30 120.29	1.84 (0.01) 1.85		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		

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
Checked:	AS

TRIAL PIT LOG

TP30

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)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30		120.22	(0.25)	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.		
D	0.50		120.07	(0.15)	E	(TOPSOIL)		
ES	0.70		119.87	(0.40)	E/M	Soft to firm dark 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.		
				(0.20)		(SUBSOIL)		
				(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 limestone.		
			119.37	1.10		(WHITE LIMESTONE FORMATION)		
B	1.30			(0.35)	H/VH	Light creamy brownish white slightly clayey to clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone.		
D	1.30		119.02	1.45		(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		

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

TRIAL PIT LOG

TP31

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 AOD

Coordinates

E 454329.10 N 228971.75

Total Depth

1.70m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		118.94	(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)		
D B	0.60 0.70			(0.80)	E/M	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)		
D	1.20		118.14	1.10	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)		
D B	1.50 1.60		117.79 117.54	1.45 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
Checked:	AS

TRIAL PIT LOG

TP32

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 119.80m AOD

Coordinates

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			(0.30)	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)		
D	0.50		119.50	0.30	M	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	0.80		119.06	0.75	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)		
			118.60	1.20				
				(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)		
B D	1.50 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.

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

TRIAL PIT LOG

TP33

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


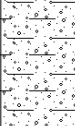
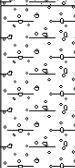
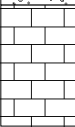
1:25

Ground Level 119.72m AOD

Coordinates E 454343.67 N 228841.24

Total Depth

1.70m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		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)		
D	0.40			0.30	M	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)		
LB	0.60		118.97	(0.45)		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) <i>Below 1.00m bgl: Light creamy orangish brownish white and slightly clayey</i>		
D	1.00			(0.55)	M/H	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)		
D	1.40		118.42	1.30	VH	End of Trial Pit at 1.70m		
B	1.60		118.02	1.70				

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

TRIAL PIT LOG

TP34

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 124.18m AOD

Coordinates E 454400.39 N 229392.00

Total Depth

0.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30		123.93	(0.25) 0.25	E	Soft dark brown slightly silty 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)		
D	0.50		123.68	(0.25) 0.50	E	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.		
B	0.70		123.39 123.38	(0.29) 0.79 (0.01) 0.80	M VH	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.

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

TRIAL PIT LOG

TP35

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 124.11m AOD

Coordinates

E 454376.83 N 229323.05

Total Depth

2.05m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		123.91	(0.20)	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.		
				(0.30)	E	(TOPSOIL)		
D	0.60		123.64	(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.		
B	0.70			(0.40)	E/M	(SUBSOIL)		
			123.21	(0.90)		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 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	1.90							
D	1.90		122.07	2.04				
			122.06	(0.01)		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.		
				2.05		(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 2.05m		

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

TRIAL PIT LOG

TP36

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 123.51m AOD

Coordinates

E 454399.24 N 229251.12

Total Depth

2.10m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		123.21	(0.30) 0.30		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)		
D	0.80		122.51	(0.70) 1.00		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		121.81	(0.70) 1.70		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					<i>Between 1.60m and 1.70m bgl: pocket of firm greyish mottled orange clay.</i>		
D	1.80			(0.40) 2.10		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)		
B	2.00		121.41			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.

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

TRIAL PIT LOG

TP37

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 122.37m AOD

Coordinates

E 454403.82 N 229178.85

Total Depth

2.30m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20			(0.35)	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)		
B	0.40		122.02	0.35	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.50		121.77	(0.25)				
D	0.70			0.60	M/H	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)		
				(1.60)				
D	1.60				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)		
D	2.00							
B	2.20		120.17 120.07	2.20 (0.10) 2.30				
						End of Trial Pit at 2.30m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

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

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

TRIAL PIT LOG

TP38

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		121.13	(0.25) 0.25	E	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)		
D	0.40			(0.65)	E/M	Orangish brown clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	0.80		120.48	0.90				
D	1.00			(0.60)	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 fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.50		119.88	1.50				
B	1.60		119.63	(0.25) 1.75	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		

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

TRIAL PIT LOG

TP38A

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
			121.13	(0.25) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
				(0.95)	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
			120.18	1.20 (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
Checked:	AS

TRIAL PIT LOG

TP39

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 119.97m AOD

Coordinates E 454397.37 N 229058.46

Total Depth

1.45m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		119.72	(0.25) 0.25		Soft dark brown slightly silty 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. (TOPSOIL)		
D	0.40		119.42	(0.30) 0.55		Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.70			(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	1.20		118.77	1.20		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. (WHITE LIMESTONE FORMATION)		
B	1.30		118.52	(0.25) 1.45				
						End of Trial Pit at 1.45m		

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.

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

TRIAL PIT LOG

TP40

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		118.07	(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.		
			117.92	(0.15)	M	(TOPSOIL)		
D	0.50			(0.35)	M/H	Soft reddish brown slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to angular limestone.		
				(0.40)		(WHITE LIMESTONE FORMATION)		
			117.52	0.75		Firm orangish brown very gravelly CLAY with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
D	1.00			(0.75)	H	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)		
B	1.60		116.77	1.50		Moderately strong thinly bedded creamy white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to subrounded tabular limestone.		
D	1.60		116.57	1.70	VH	(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:	2.30m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP41

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

Coordinates E 454397.77 N 228902.28

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		117.68	(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 angular to subangular limestone. (TOPSOIL)		
			117.42	(0.25)	E	Soft dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (WHITE LIMESTONE FORMATION)		
D	0.80		116.88	(0.55)	M/H	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)		
			116.28	(0.60)		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)		
B	1.80		116.08	(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)		▼
D	1.80		116.08	1.90		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
Checked:	AS

TRIAL PIT LOG

TP42

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 118.67m AOD

Coordinates E 454388.67 N 228827.98

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	0.20		118.37	(0.30)	E	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)		
D	0.40			(0.50)	M/H	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
B	0.80		117.87	(0.40)	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)		
			117.47	1.20				
D	1.50			(0.65)	VH	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)		
B	1.70		116.82	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.

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

TRIAL PIT LOG

TP43

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 AOD

Coordinates E 454409.84 N 228772.14

Total Depth

1.65m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		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)		
D	0.40		118.02	(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			0.65 (0.70)	M	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)		
D B	1.40 1.50		117.32 117.02	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) <i>At 1.65m bgl: moderately strong LIMESTONE - unable to penetrate.</i> 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 backfilled with arisings on completion.

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

TRIAL PIT LOG

TP44

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 AOD

Coordinates

E 454458.70 N 229375.52

Total Depth

2.50m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		123.78	(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 quartzite and limestone. Cobbles are angular to subrounded quartzite and limestone. (TOPSOIL)		
D	0.40		123.53	(0.25)	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)		
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			
D	1.90					<i>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.</i>		
B	2.40		121.54	2.49				
D	2.40		121.53	(0.01)		LIMESTONE (Unable to penetrate). (WHITE LIMESTONE FORMATION)		
				2.50		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
Checked:	AS

TRIAL PIT LOG

TP45

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 123.64m AOD

Coordinates E 454464.54 N 229322.62

Total Depth

2.25m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		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)		
D	0.50		122.94	(0.45) 0.70	E/M	Dark orangish brown slightly clayey GRAVEL with frequent rootlets and cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.00					Light creamy slightly orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular slightly tabular limestone. (WHITE LIMESTONE FORMATION)		
D	1.60			(1.54)	M	<i>Below 1.40m bgl: becoming very clayey.</i>		
B D	2.00 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		

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
Checked:	AS

TRIAL PIT LOG

TP46

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






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Ground Level 122.93m AOD

Coordinates E 454465.72 N 229253.41

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		122.68	(0.25) 0.25	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.50		122.03	(0.65) 0.90	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.30			(1.09)	M/H	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	1.70					<i>At 1.60m bgl: localised dark orange colour.</i>		
B	1.80		120.94 120.93	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
Checked:	AS

TRIAL PIT LOG

TP47

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 122.08m AOD

Coordinates E 454468.55 N 229181.59

Total Depth

2.90m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.40		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)		
			121.38	(0.40)	E	Soft firm reddish brown slightly silty slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded quartzite and rare limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)		
D	0.90		120.98	(0.40)	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
				(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)		
D	1.70		120.28	(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)		
			120.03	(0.85)	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)		
B	2.80		119.18	2.90		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
Checked:	AS

TRIAL PIT LOG

TP48

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

Coordinates 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)	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.		
			112.27	(0.20)	E	(TOPSOIL)		
B	0.50			0.45	E/M	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.		
D	0.70			(0.55)	M	(SUBSOIL)		
			111.72	1.00	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
						<i>Below 0.65m bgl: orangish brown and clayey.</i>		
D	1.30			(0.80)	H	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)		
D	1.70							
B	1.80		110.92	1.80	VH	Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders (maximum 0.30m x 0.30m) of fine to coarse angular to subangular tabular limestone.		
			110.87	(0.05)				
				1.85				
						End of Trial Pit at 1.85m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP49

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 119.96m AOD

Coordinates

E 454465.40 N 229045.55

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		119.76	(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 angular to subrounded limestone. (TOPSOIL)		
D	0.50			(0.40)	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subrounded limestone. (SUBSOIL)		
D	0.60		119.36	0.60				
						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)		
D	1.20			(0.80)	M			
			118.56	1.40	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)		
				(0.80)				
D	2.00				VH			
B	2.10		117.76	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:	2.30m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP50

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 21/05/2021

Scale


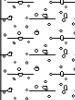
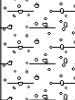
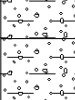

1:25

Ground Level 119.27m AOD

Coordinates E 454468.91 N 228972.08

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		118.97	(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)		
D	0.40			0.30		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)		
B	0.90		118.17	(0.80)	M			
D	1.40		117.77	(0.40)	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)		
B	1.60			(0.30)		Moderately strong thinly bedded creamy brownish fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to subrounded tabular limestone. (WHITE LIMESTONE FORMATION)		
D	1.70		117.47	1.80	H/VH			
						End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP51

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 21/05/2021

Scale

1:25

Ground Level 117.83m AOD

Coordinates E 454469.08 N 228915.32

Total Depth

1.45m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		117.63	(0.20) 0.20	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 angular to subangular limestone. (TOPSOIL)		
D	0.40		117.33	(0.30) 0.50	E/M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.00			(0.70)	M	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	1.30		116.63	1.20		Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.		
D	1.30		116.43	1.40	H/VH	(WHITE LIMESTONE FORMATION) End of Trial Pit at 1.45m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

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

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

TRIAL PIT LOG

TP52

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

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Date 20/05/2021

Scale

1:25

Ground Level 116.59m AOD

Coordinates E 454468.68 N 228832.06

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		116.34	(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.		
				0.25		(TOPSOIL)		
			116.09	(0.25)	E	Soft reddish brown slightly gravelly slightly silty CLAY with occasional to rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone.		
D	0.60			0.50		(SUBSOIL)		
				(0.50)	M	Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
			115.59	1.00		(WHITE LIMESTONE FORMATION)		
				(0.50)	M/H	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.		
D	1.40					(WHITE LIMESTONE FORMATION)		
B	1.50		115.09	1.50				
			114.99	(0.10)	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.		
				1.60		(WHITE LIMESTONE FORMATION)		
						End of Trial 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

TRIAL PIT LOG

TP53

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

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Date 18/05/2021

Scale

1:25

Ground Level 117.47m AOD

Coordinates E 454469.25 N 228761.20

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	0.20		117.17	(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)		
D	0.60		116.62	(0.55)	M	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	1.00		116.27	(0.35)		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)		
D	1.40		115.87	(0.40)		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)		
B	1.50		115.87	1.60		End of Trial Pit at 1.60m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP54

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 18/05/2021

Scale


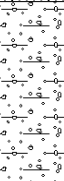
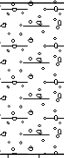

1:25

Ground Level 117.46m AOD

Coordinates E 454468.00 N 228691.00

Total Depth

1.75m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		117.16	(0.30) 0.30	E	Soft dark brown slightly silty 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)		
D	0.70		116.56	(0.60) 0.90	E/M	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)		
D	1.20		116.06	(0.50) 1.40	H	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)		
D B	1.50 1.60		115.71	(0.35) 1.75	VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subrounded tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.75m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP55

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 24/05/2021

Scale

1:25

Ground Level 122.90m AOD

Coordinates 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) 0.20	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 subangular and subrounded limestone. (TOPSOIL)		
D	0.40		122.20	(0.50) 0.70	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					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	2.00					<i>Below 1.90m bgl: becoming very clayey.</i>		
B	2.10		120.62 120.60	2.29 (0.01) 2.30		LIMESTONE (Unable to penetrate) (WHITE LIMESTONE FORMATION) End of Trial Pit at 2.30m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length:	2.45m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP56

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 18/05/2021

Scale

1:25

Ground Level 122.20m AOD

Coordinates E 454535.32 N 229254.64

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
				(0.30)	E	Soft dark brown slightly silty 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 limestone.		
ES	0.40		121.90	0.30	E	(TOPSOIL)		
LB	0.50		121.75	0.45		Soft dark reddish brown slightly silty slightly gravelly CLAY with occasional to rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone.		
				(0.75)	M	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.		
			121.00	1.20		(WHITE LIMESTONE FORMATION)		
D	1.30					Light creamy yellowish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular tabular fossiliferous limestone.		
				(0.80)	H	(WHITE LIMESTONE FORMATION)		
D	1.60							
B	1.70							
			120.20	2.00				
D	2.10		120.00	2.20	VH	Moderately strong thinly bedded creamy yellowish white LIMESTONE recovered as gravel, cobbles and boulders of 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.

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

TRIAL PIT LOG

TP57

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 25/05/2021

Scale

1:25

Ground Level 121.53m AOD

Coordinates

E 454534.04 N 229169.74

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	0.20			(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)		
D	0.35		121.23	0.30	E/M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.50		121.08	0.45		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)		
D	1.10			(0.95)	M/H	Below 1.30m bgl: rare boulders (maximum size 0.30m x 0.30m) of angular to subangular tabular limestone.		
D	1.60		120.13	1.40	H/VH	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)		
D	1.70		119.68	1.85		End of Trial Pit at 1.85m		

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

TRIAL PIT LOG

TP58

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 24/05/2021

Scale

1:25

Ground Level 120.64m AOD

Coordinates E 454537.32 N 229096.27

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		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)	E/M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.80					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)		
D	1.40			(1.10)	M/H	<i>Below 1.40m bgl: very clayey.</i>		
D	1.80		118.94	1.70				
B	1.90		118.64	(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. (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
Checked:	AS

TRIAL PIT LOG

TP59

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.30)	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.		
			119.70	0.30	E	(TOPSOIL)		
D	0.50			(0.15)		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.		
			119.55	0.45		(SUBSOIL)		
				(0.85)	M	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)		
D	1.40			(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.		
			118.70	1.30		(WHITE LIMESTONE FORMATION)		
B	1.80			(0.05)		Moderately strong creamy greyish brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.		
D	1.80		118.15	1.85	VH	(WHITE LIMESTONE FORMATION)		
			118.10	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:	2.30m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP60

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 119.81m AOD

Coordinates 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
ES	0.30		119.56	(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 limestone and quartzite. (TOPSOIL)		
D	0.60		119.31	(0.25) 0.50	E	Soft to firm reddish brown slightly gravelly CLAY with rare to occasional cobbles and rare to occasional roots and rootlets. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)		
B	0.70							
				(0.90)	E/M	Firm to stiff dark greyish brown very gravelly CLAY with occasional cobbles 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				
				(0.20)	M	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)		
D	1.60		118.21	1.60				
				(0.20)	H	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 limestone. (WHITE LIMESTONE FORMATION)		
D	1.80		118.01	1.80				
D	1.80		117.86	(0.15) 1.95	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 1.95m		

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

TRIAL PIT LOG

TP61

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		118.12	(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)		
				(0.30)	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. (SUBSOIL)		
D	0.60		117.82	(0.30)	M	Orangish brown clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to angular limestone. (WHITE LIMESTONE FORMATION)		
				(0.60)	M/H	Light creamy greyish brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	1.20		116.92	(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)		
D	1.60			(0.60)				
B	1.90		116.32	2.00		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
Checked:	AS

TRIAL PIT LOG

TP62

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 116.27m AOD

Coordinates E 454540.88 N 228833.14

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	0.10		116.02	(0.25)	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 subangular to subrounded limestone.		
D	0.40		115.92	(0.10)	E	(TOPSOIL)		
LB	0.50			(0.35)	M/H	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.		
				(0.40)		(SUBSOIL)		
			115.52	0.75		Dark orangish brown slightly clayey slightly sandy GRAVEL with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
D	1.20			(0.85)		Light creamy 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)		
			114.67	1.60		Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.		
D	1.70			(0.30)		(WHITE LIMESTONE FORMATION)		
B	1.80		114.37	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.

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

TRIAL PIT LOG

TP63

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

Coordinates 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)	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)		
				(0.40)	E	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)		
D	0.90		115.01	(0.50)	M	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	(0.40)	M/H	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		114.11	(0.30)	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)		
B	1.80		113.81			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

TRIAL PIT LOG

TP64

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 116.20m AOD

Coordinates 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			(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.		
			115.95	0.25		(TOPSOIL)		
				(0.25)	E	Soft reddish brown slightly silty slightly gravelly CLAY with rare rootlets and occasional to rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone.		
			115.70	0.50		(SUBSOIL)		
D	0.70			(0.60)	M	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		115.10	1.10	H	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.		
D	1.30		114.90	1.30		(WHITE LIMESTONE FORMATION)		
B	1.40		114.65	1.55	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 1.55m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP65

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


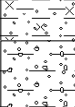
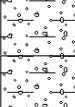
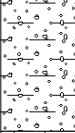
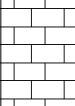
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Ground Level 115.86m AOD

Coordinates 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)	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)		
D	0.60		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. (SUBSOIL)		
			115.06	(0.40)	M/H	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)		
D	1.30			(0.60)	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)		
B	1.50		114.46	1.40				
D	1.70			(0.40)	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. (WHITE LIMESTONE FORMATION)		
			114.06	1.80		End of Trial Pit at 1.80m		

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

TRIAL PIT LOG

TP66

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 122.13m AOD

Coordinates

E 454586.84 N 229305.43

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30		121.88	(0.25)	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.		
			121.68	(0.20)	E	(TOPSOIL)		
D	0.60		121.68	0.45	M	Soft reddish brown slightly silty slightly gravelly CLAY with occasional cobbles and rare to occasional rootlets. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone.		
				(0.50)		(SUBSOIL)		
D	1.50		121.18	0.95	M/H	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. GRavel is ## angular to subangular limestone. Cobbles are angular to subangular limestone.		
				(0.85)		(WHITE LIMESTONE FORMATION)		
				(0.85)		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.		
B	1.90		120.33	1.80	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	1.90	120.13	2.00	(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
Checked:	AS

TRIAL PIT LOG

TP67

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		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)		
D	0.50			(0.65)	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	0.90		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)		
				(0.80)	M			
D	1.50							
D	1.80		119.66	1.70		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)		
B	1.90		119.36	(0.30) 2.00	H/VH			
						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:	2.50m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP68

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 AOD

Coordinates 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	0.10			(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.		
D	0.40		120.36	0.30		(TOPSOIL)		
B	0.80			(0.90)	E/M	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)		
			119.46	1.20				
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)		
B	2.00		118.76	1.90				
D	2.00		118.51	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

TRIAL PIT LOG

TP69

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



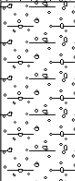
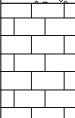
1:25

Ground Level 120.51m AOD

Coordinates E 454611.38 N 229112.86

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		120.21	(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)		
D	0.90		119.31	(0.90)	M	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)		
D	1.40		118.71	(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)		
D	1.80		118.71	1.80		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)		
B	2.00		118.31	(0.40)				
				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

TRIAL PIT LOG

TP70

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		119.84	(0.25) 0.25	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)		
D	0.40					Orangish brown clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
LB	0.80			(1.25)				
D	1.40		118.59	1.50 (0.30)		Creamy whitish brown slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	1.80		118.29	1.80				
D	1.80		118.09	(0.20) 2.00		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

Checked: AS

TRIAL PIT LOG

TP71

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

Coordinates

E 454608.65 N 228971.68

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		119.26	(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)		
D	0.60			0.30	E/M	Orangish brown slightly sandy very clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse subangular limestone. Cobbles are subangular limestone. Boulders are limestone. (WHITE LIMESTONE FORMATION)		
D	1.10			(1.20)	E/M			
D	1.70		118.06	1.50	M	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	2.00		117.66	1.90	VH	Moderately strong thinly bedded creamy whitish brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of subangular to angular tabular limestone.		
D	2.10		117.36	(0.30)	VH	(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.

Length:	2.00m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP72

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 118.36m AOD

Coordinates E 454608.94 N 228902.01

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.25		118.16	(0.20)	E	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.		
			118.02	0.20 (0.15) 0.35	M	(TOPSOIL)		
D	0.60					Soft reddish brown slightly gravelly slightly silty CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone.		
						(SUBSOIL)		
				(1.05)	M/H	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)		
D	1.50		116.96	1.40		Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.		
				(0.60)	H/VH	(WHITE LIMESTONE FORMATION)		
B	1.90		116.36	2.00		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.

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

TRIAL PIT LOG

TP72A

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



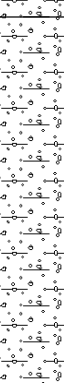

1:25

Ground Level 118.37m AOD

Coordinates E 454608.94 N 228902.01

Total Depth

1.90m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
			118.17	(0.20) 0.20	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.		
			117.87	(0.30) 0.50	E/M	(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.		
				(1.25)	M	(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) <i>Below 1.20m bgl: becoming light creamy brownish white.</i>		
			116.62 116.47	1.75 (0.15) 1.90	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.

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
Checked:	AS

TRIAL PIT LOG

TP73

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

Coordinates E 454609.08 N 228832.08

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	0.10		116.42	(0.30) 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)		
B D	0.50 0.60		115.82	(0.60) 0.90	E/M	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	1.20		115.32	(0.50) 1.40		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		114.82	(0.50) 1.90		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)		
B	1.80					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

TRIAL PIT LOG

TP74

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale

1:25

Ground Level 114.90m AOD

Coordinates

E 454609.19 N 228762.21

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	0.40		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)		
			114.40	(0.20)	E	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)	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)		
				(0.90)	M/H	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 B	1.60 1.70		113.10	(0.90)	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)		
			113.07	(0.03)				
			113.05	(0.02)				
				1.85				
						End of Trial Pit at 1.85m		

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

TRIAL PIT LOG

TP75

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

Coordinates

E 454608.29 N 228692.15

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	0.30		113.92	(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)		
D	0.50		113.78	0.30 (0.15) 0.45	E	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. (SUBSOIL)		
LB	0.80			(0.65)	M	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	1.40		113.12	1.10	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)		
LB	1.40		112.68	(0.45) 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

TRIAL PIT LOG

TP76

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 114.15m AOD

Coordinates E 454608.80 N 228619.57

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		113.95	(0.20) 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)		
D	0.80		113.15	(0.80) 1.00	M/H	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	1.40		112.80	(0.35) 1.35	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	1.60		112.60	(0.20) 1.55	H	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. (WHITE LIMESTONE FORMATION)		
B	1.70		112.35	(0.25) 1.80	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 1.80m		

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
Checked:	AS

TRIAL PIT LOG

TP77

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


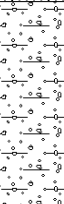
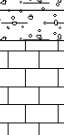

1:25

Ground Level 114.01m AOD

Coordinates E 454596.75 N 228551.51

Total Depth

1.45m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(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 subangular to subrounded limestone. (TOPSOIL)		
D	0.70		113.71	0.30	M/H	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
B	1.30		113.01	1.00	H/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)		
D	1.30		112.91	(0.10)	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)		
			112.56	1.45		End of Trial Pit at 1.45m		

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

TRIAL PIT LOG

TP78

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 120.71m AOD

Coordinates

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
ES	0.30		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)		
D	0.50		120.31	(0.15)	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 quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)		
B	0.70			0.40		Creamy orangish brown clayey GRAVEL with frequent cobbles and rare 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)		
D	1.50			(1.60)	M/H			
D	2.20		118.74	2.00	H	Light creamy greyish 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)		
B	2.40			(0.60)	VH			
			118.11	2.60		End of Trial Pit at 2.60m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater encountered at 2.55m bgl.

Stability: Stable

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

TRIAL PIT LOG

TP79

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

Coordinates E 454681.88 N 229190.42

Total Depth

1.95m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(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)		
			119.73	0.30				
			119.63	(0.10)				
				0.40				
D	0.60					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)		
LB	0.90			(1.10)		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)		
D	1.10					<i>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 are angular to subangular limestone.</i>		
D	1.50		118.53	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)		
B	1.80		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

TRIAL PIT LOG

TP80

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		119.35	(0.20) 0.20	E	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)		
B	0.60			(0.95)	M/H	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)		
D	0.80							
			118.40	1.15		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)		
				(0.90)				
B	1.90							
D	1.90		117.50	2.05		At 2.05m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 2.05m		

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
Checked:	AS

TRIAL PIT LOG

TP81

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 119.50m AOD

Coordinates E 454680.12 N 229042.26

Total Depth 2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.15		119.25	(0.25) 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	H	Creamy yellowish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular tabular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
			118.30	1.20		Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as tabular gravel, cobble and boulders. Gravel, cobbles and boulders are subangular to angular limestone. (WHITE LIMESTONE FORMATION)		
D	1.50			(0.80)	VH			
B	1.80		117.50	2.00				
						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:	2.20m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP82

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 119.10m AOD

Coordinates

E 454679.24 N 228971.36

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		118.85	(0.25)	E	Soft dark brown slightly gravelly CLAY with rare rootlets near surface and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone.		
			118.70	(0.15)	E/M	(TOPSOIL)		
D	0.50			0.40		Soft dark reddish brown slightly gravelly slightly silty CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular limestone.		
				(0.35)	M	(SUBSOIL)		
D	0.80		118.35	0.75		Soft to firm orangish brown gravelly CLAY with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone.		
B	0.90		118.10	(0.25)		(WHITE LIMESTONE FORMATION)		
				1.00		Yellowish orange brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded tabular limestone. Cobbles are subangular to angular limestone.		
						(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.00m		

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.

Length:	2.00m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP83

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 118.51m AOD

Coordinates

E 454680.06 N 228902.39

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30		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)		
D	0.50		118.01	(0.25)	M	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. (SUBSOIL)		
B	0.70			(0.60)	M/H	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		Creamy whitish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.70		116.91	(0.50)	H			
				1.60		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)		
				(0.60)	VH			
			116.31	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

TRIAL PIT LOG

TP84

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


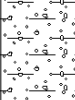

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Ground Level 117.43m AOD

Coordinates 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		117.13	(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 limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
D	0.40		116.73	(0.40)	M/H	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)		
B	0.80		116.53	(0.20)	VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	0.80		116.53	0.90		End of Trial Pit at 0.90m		

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.

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

TRIAL PIT LOG

TP85

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 AOD

Coordinates

E 454678.71 N 228762.03

Total Depth

1.70m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		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)		
LB	0.50					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)		
D	0.60			(0.65)	E/M			
			115.09	0.90		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	1.20			(0.60)	H			
			114.49	1.50				
B	1.60		114.29	(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)		
D	1.60			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:	2.20m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP86

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


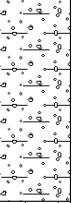
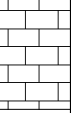
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Ground Level 114.59m AOD

Coordinates E 454678.89 N 228691.68

Total Depth

1.40m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		114.29	(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)		
D	0.40			0.30				
				(0.70)	M/H	Light orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
B	0.90		113.59	1.00				
				(0.40)	H/VH	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)		▼
D	1.30		113.19	1.40				
						End of Trial Pit at 1.40m		

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

TRIAL PIT LOG

TP87

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		113.38	(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)		
D	0.50		113.28	(0.10) (0.40)		Soft 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)		
D	1.10			(1.20)		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		112.08	1.60		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)		▼
B D	2.10 2.10		111.48	2.20		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

TRIAL PIT LOG

TP88

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

Coordinates E 454668.85 N 228552.27

Total Depth

1.40m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.40		111.94	(0.25)	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.		
				0.25			(TOPSOIL)	
D	0.70		111.59	(0.35)	E	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.		
				0.60			(SUBSOIL)	
				(0.55)	M	Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone.		
			111.04	(0.55)		(WHITE LIMESTONE FORMATION)		
B	1.30			(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.		
D	1.30		110.79	(0.25)		(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

TRIAL PIT LOG

TP88A

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




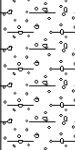
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Ground Level 112.19m AOD

Coordinates E 454668.85 N 228552.27

Total Depth

1.45m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
			111.94	(0.25)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone.		
			111.79	(0.15) 0.40	E/M	(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.		
			111.39	(0.40) 0.80	H	(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.		
			110.74	(0.65) 1.45	H/VH	(WHITE LIMESTONE FORMATION) Yellowish 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)		
						At 1.45m bgl: moderately strong LIMESTONE - unable to penetrate. 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
Checked:	AS

TRIAL PIT LOG

TP89

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

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.30)	E	Soft dark 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. (TOPSOIL)		
D	0.40		111.39	0.30	M	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	0.70	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)		
B	1.20		110.69	1.00		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)		
			110.39	1.30	H/VH	End of Trial Pit at 1.30m		

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

TRIAL PIT LOG

TP90

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

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)	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. Cobbles are angular to subrounded limestone.		
D	0.30		117.74	(0.20)	M	(TOPSOIL) Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
D	0.60		117.39	(0.35)	M/H	(WHITE LIMESTONE FORMATION) Dark greyish brown mottled orange clayey GRAVEL with frequent cobbles and occasional to frequent shell fragments. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
B	0.90		117.14	(0.25)	H/VH	(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. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		
D	0.90		117.14	1.00		(WHITE LIMESTONE FORMATION) End of Trial Pit at 1.00m		

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
Checked:	AS

TRIAL PIT LOG

TP91

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 17/05/2021

Scale






1:25

Ground Level 117.58m AOD

Coordinates E 454748.97 N 228831.69

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		117.38	(0.20) 0.20	E	Soft dark brown slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular limestone. (TOPSOIL)		
D	0.60		116.73	(0.65) 0.85	M	Orangish 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		116.18	(0.55) 1.40	M/H	Light yellowish brown slightly sandy slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular tabular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	1.80			(0.80) 2.00	VH	Moderately strong thinly bedded fossiliferous creamy whiteish brown LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to angular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	2.00		115.38	2.20		End of Trial Pit at 2.20m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP92

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25

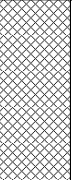
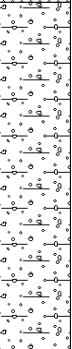
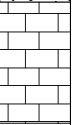
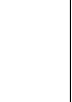
Ground Level 117.14m AOD

Coordinates

E 454748.54 N 228774.06

Total Depth

2.15m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30			(0.60)	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional cobbles and rare pieces of black plastic. Gravel is fine to coarse subangular to subrounded quartzite, limestone and rare asphalt. Cobbles are subangular to subrounded limestone, quartzite and rare asphalt. (MADE GROUND) <i>At 0.20m bgl: 1no. boulder of asphalt (maximum 0.20m x 0.20m x 0.25m)</i>		
D	0.80		116.54	0.60	M	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)		
D	1.30			(1.15)	M/H	<i>Below 1.15m bgl: Light creamy brownish white and slightly clayey.</i>		
B D	1.90 1.90		115.39	1.75	V/H	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)		
			114.99	2.15		End of Trial Pit at 2.15m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP93

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


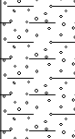
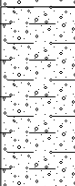
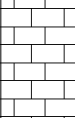
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Ground Level 115.88m AOD

Coordinates E 454748.80 N 228691.95

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		115.58	(0.30)	E	Soft dark brown slightly gravelly CLAY with rare rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.60		115.08	(0.50)	E/M	Yellowish orangish brown clayey GRAVEL with occasional to frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.00		114.48	(0.60)	M/H	Light creamy brown slightly clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular tabular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
B D	1.70 1.70		114.08	(0.40)	VH	Moderately strong creamy brownish grey fossiliferous LIMESTONE recovered as tabular gravel, cobbles and boulders of subangular to angular tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP94

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale

1:25

Ground Level 114.88m AOD

Coordinates E 454736.43 N 228621.75

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.68	(0.20)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone and rare asphalt. Cobbles are subangular to subrounded limestone and rare asphalt. (TOPSOIL/MADE GROUND)		
D	0.40		114.23	(0.45)	M	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	0.70			(0.75)	M/H	Creamy orangish brown clayey slightly sandy GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	1.50		113.48	(0.60)	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)		
B	1.80		112.88	2.00		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:	2.20m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP95

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale

1:25

Ground Level 113.68m AOD

Coordinates

E 454731.75 N 228551.63

Total Depth

1.50m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		113.43	(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 and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
D	0.50		113.03	(0.40) 0.65	E/M	Dark brownish orange clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.10			(0.65)	H	Creamy 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)		
D	1.30		112.38	1.30	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)		
B	1.40		112.18	1.50				
						End of Trial Pit at 1.50m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP96

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 116.41m AOD

Coordinates

E 454859.84 N 228738.94

Total Depth

1.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		116.16	(0.25)	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone.		
				0.25		(TOPSOIL)		
				(0.30)	E/M	Soft to firm 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.		
D	0.60		115.86	0.55		(SUBSOIL)		
B	0.90			(0.63)	M	Orangish yellowish brown clayey GRAVEL with frequent cobbles, rare boulders and rare to occasional shells and shell fragments. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone.		
D	1.00					(WHITE LIMESTONE FORMATION)		
B	1.10		115.23	1.18				
			115.21	(0.02)	VH	Moderately strong LIMESTONE - unable to penetrate.		
				1.20		(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.20m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP97

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 115.99m AOD

Coordinates

E 454847.90 N 228683.56

Total Depth

1.10m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30		115.69	(0.30)	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.		
				(0.15)	E	(TOPSOIL)		
D	0.70		115.54	0.45	E/M	Soft reddish brown slightly silty slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone.		
				(0.63)		(SUBSOIL)		
B	1.00		114.91	1.08	E/M	Firm light grey mottled orangish yellowish brown very gravelly CLAY with frequent cobbles and occasional to frequent shell and shell fragments. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone.		
				(0.02)		(WHITE LIMESTONE FORMATION)		
				1.10		Moderately strong LIMESTONE - unable to penetrate.		
						(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.10m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP98

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale




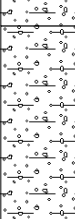
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Ground Level 115.15m AOD

Coordinates E 454829.94 N 228617.16

Total Depth

1.60m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.90	(0.25) 0.25	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded (TOPSOIL)		
D	0.60			(0.65)	M	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)		
D	0.90		114.25	0.90 (0.65)	M/H	Light creamy greyish brown clayey to very clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B D	1.55 1.55		113.60 113.55	1.55 (0.05) 1.60	H/VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.60m		

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

TRIAL PIT LOG

TP99

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 114.12m AOD

Coordinates

E 454823.02 N 228549.44

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		113.92	(0.20)	E M	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.40		113.37	(0.55)		Dark orangish brown clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D B	0.90 1.00			(0.85)	H	Moderately strong creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse, angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	1.60		112.52	1.60		Light grey 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)		
B	1.80		112.12	2.00		At 2.00m bgl: band of moderately strong limestone - unable to penetrate. 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:	2.40m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP100

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 112.66m AOD

Coordinates E 454821.73 N 228476.62

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		112.41	(0.25) 0.25	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.50		111.86	(0.55) 0.80	M	Orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.90		111.26	(0.60) 1.40	M/H	Light creamy brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) <i>Below 1.10m bgl: occasional boulders of angular to subangular tabular fossiliferous limestone.</i>		
D B	1.50 1.60		110.86	(0.40) 1.80	H/VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Cobbles and boulders are angular to subangular, tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP101

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 110.61m AOD

Coordinates

E 454836.18 N 228406.54

Total Depth

1.90m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		110.36	(0.25) 0.25	E	Soft to firm dark brown gravelly slightly silty CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
LB	0.50		110.01	(0.35) 0.60	E/M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles of angular to subangular limestone. Gravel is fine to coarse angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.70			(0.90)	M/H	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		109.11	1.50	M/H	Firm light greyish creamy orangish brown very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B	1.80		108.71	1.90		At 1.90m bgl: moderately strong LIMESTONE - unable to penetrate. 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:	2.20m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP102

Project Land adjacent to Junction 10, M40, Ardley

Project No. AG3268-21

Client Albion Land Ltd


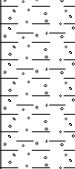

Sheet 1 of 1

Date 27/05/2021

Scale 1:25

Ground Level 116.62m AOD **Coordinates** E 454898.88 N 228969.38

Total Depth 1.15m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		116.37	(0.25) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.50			(0.65)	M/H	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)		
B	0.80		115.72	0.90				
D	1.00		115.47	(0.25) 1.15	M/H	Moderately strong thinly bedded LIMESTONE recovered as orangish brown clayey gravel and cobbles. Gravel and cobbles are fine to coarse angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.15m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length:	2.00m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP103

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 27/05/2021

Scale

1:25

Ground Level 116.65m AOD

Coordinates E 454882.72 N 228900.63

Total Depth

1.30m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		116.40	(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 angular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and limestone. (TOPSOIL)		
D	0.50			(0.85)	M	Orangish brown slightly clayey to clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	0.90							
D	1.10		115.55	1.10	H/VH	Moderately strong thinly bedded light brownish orangish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	1.20		115.35	1.30				
						End of Trial Pit at 1.30m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP104

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 27/05/2021

Scale

1:25

Ground Level 116.56m AOD

Coordinates E 454895.01 N 228836.70

Total Depth

1.80m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP105

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 02/06/2021

Scale

1:25

Ground Level 116.42m AOD

Coordinates E 454884.49 N 228759.18

Total Depth

1.45m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		116.22	(0.20) 0.20	E	Dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded quartzite. (TOPSOIL)		
D	0.50		115.77	(0.45) 0.65	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	1.00			(0.78)	M/H	Light orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B D	1.30 1.30		114.99 114.97	1.43 (0.02) 1.45	VH	Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.45m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP106

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 02/06/2021

Scale

1:25

Ground Level 115.80m AOD

Coordinates E 454894.09 N 228690.89

Total Depth

1.50m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP107

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 02/06/2021

Scale

1:25










Ground Level 115.04m AOD

Coordinates

E 454884.42 N 228623.26

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.79	(0.25)	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone and quartzite.		
D	0.40		114.49	(0.30)	M	(TOPSOIL) Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
D	0.80			(0.55)	M	(WHITE LIMESTONE FORMATION) Light creamy brownish white slightly clayey to clayey GRAVEL with frequent rootlets and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		
				(1.35)	M/H	(WHITE LIMESTONE FORMATION)		
B	1.60							
D	1.60							
D	1.90		113.14	1.90				
B	2.10		112.84	(0.30)	H/VH	Moderately strong thinly bedded light creamy brownish white LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular fossiliferous limestone.		
				2.20		(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.

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

TRIAL PIT LOG

TP108

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 03/06/2021

Scale

1:25

Ground Level 114.27m AOD

Coordinates

E 454894.47 N 228551.26

Total Depth

2.40m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.07	(0.20)	E	Soft dark brown slightly silty slightly gravelly CLAY with frequent to occasional rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.40		113.77	(0.30)	M			
LB	0.90			(0.50)		Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
				(1.25)	H	Light orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.70		112.52	1.75				
D	2.10			(0.65)	H/VH	Moderately strong thinly bedded light creamy brownish white LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular and subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B	2.30		111.87	2.40				
						End of Trial Pit at 2.40m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Lower strata collapse causing undercut.

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

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

TRIAL PIT LOG

TP109

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

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Date 28/05/2021

Scale

1:25

Ground Level 112.72m AOD

Coordinates

E 454883.41 N 228483.59

Total Depth

1.90m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		112.42	(0.30)	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. (TOPSOIL)		
D	0.60		111.97	(0.45)	E/M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobble are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.00			(0.95)	M	Light creamy orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobble are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.60		111.02	1.70		<i>Below 1.40m bgl: occasional boulders of tabular fossiliferous limestone.</i>		
B	1.80		110.82	(0.20)	VH	Moderately strong thinly bedded creamy light brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
				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:	2.30m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP110

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

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Date 28/05/2021

Scale

1:25

Ground Level 110.63m AOD

Coordinates

E 454884.63 N 228413.22

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		110.38	(0.25) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. (TOPSOIL)		
D	0.60		109.73	(0.65) 0.90	E/M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone (WHITE LIMESTONE FORMATION)		
D	1.00		109.23	(0.50) 1.40	M	Light creamy orangish brown slightly clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	1.50		108.85	(0.38) 1.78	VH	Light grey mottled orange very clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B	1.70		108.83	(0.02) 1.80		Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP111

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 28/05/2021

Scale



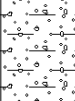
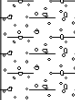





1:25

Ground Level 109.46m AOD

Coordinates E 454892.70 N 228370.96

Total Depth

1.65m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		109.16	(0.30)	E	Soft dark brown slightly gravelly slightly silty CLAY with frequent to occasional rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded		
						(TOPSOIL)		
D	0.50		108.81	(0.35)	M	Dark orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
D	0.80				M-H	Light orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
B	1.50		107.96	1.50				
D	1.50		107.81	(0.15)	VH	Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.		
						(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.65m		

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 1.40m bgl.

Stability: Stable.

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

Length: 2.30m

Width: 0.60m

Logged: KM

Checked: AS

TRIAL PIT LOG

TP112

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

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Date 27/05/2021

Scale

1:25



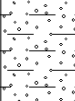
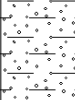
Ground Level 116.10m AOD

Coordinates

E 454939.74 N 229049.34

Total Depth

1.45m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		115.80	(0.30)	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.		
				0.30	VH	(TOPSOIL)		
D	0.50					Orangish brown very clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone.		
						(WHITE LIMESTONE FORMATION)		
LB	0.80			(1.12)	M/H	<i>Between 0.85m and 1.20m bgl: band of limestone in southeast face.</i>		
B	1.20		114.68	1.42		Moderately strong LIMESTONE - unable to penetrate.		
D	1.20		114.64	(0.03)		(WHITE LIMESTONE FORMATION)		
				1.45		End of Trial Pit at 1.45m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP113

Project Land adjacent to Junction 10, M40, Ardley

Project No.

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Client Albion Land Ltd

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Date 27/05/2021

Scale

1:25

Ground Level 116.04m AOD

Coordinates E 454949.84 N 228973.35

Total Depth

1.75m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.25)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite. and limestone. Cobbles are angular to subangular limestone.		
			115.79	0.25		(TOPSOIL)		
D	0.40			(0.15)		Soft to firm reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone and quartzite.		
			115.64	0.40		(SUBSOIL)		
				(0.50)	E/M	Firm to stiff orangish brown gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (POSSIBLE HEAD)		
D	0.90			0.90		<i>At 0.50m bgl: ceramic land drain present. running northwest to southeast, potentially filled with clay.</i>		
			115.14					
				(0.40)	M/H	Firm to stiff light grey to greyish mottled orangish brown very gravelly CLAY with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		
			114.74	1.30		(WHITE LIMESTONE FORMATION)		
D	1.50			(0.42)	H	Light grey slightly mottled orange clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone.		
B	1.60					Cobbles are angular to subangular tabular limestone. Boulders are angular to subangular fossiliferous, tabular limestone.		
			114.32	1.72	VH	(WHITE LIMESTONE FORMATION)		
			114.29	(0.03)		Moderately strong LIMESTONE - unable to penetrate.		
				1.75		(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.75m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP114

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 27/05/2021

Scale

1:25

Ground Level 116.22m AOD

Coordinates E 454984.69 N 228910.07

Total Depth

1.55m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		115.97	(0.25)	E	Soft dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.40		115.67	(0.30)	E/M	Firm orangish brown gravelly CLAY with occasional to frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	0.55			0.55		Firm to stiff bluish grey CLAY with occasional cobbles are tabular limestone. (WHITE LIMESTONE FORMATION)		
D	1.00			(0.75)	M			
D	1.30		114.92	1.30				
B	1.40		114.70	(0.22)	M	Light creamy greyish white GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
			114.67	(0.03)		Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)		
				1.55		End of Trial Pit at 1.55m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP115

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 27/05/2021

Scale







1:25

Ground Level 115.86m AOD

Coordinates E 454961.85 N 228853.00

Total Depth

1.60m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30		115.61	(0.25)	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.		
				0.25		(TOPSOIL)		
D	0.70		115.41	(0.20)	E	Soft to firm reddish brown slightly gravelly slightly silty CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone and quartzite. Cobbles are angular to subangular limestone.		
				0.45		(SUBSOIL)		
D	0.70			(0.75)	M	Firm to stiff light orangish brown very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
D	1.40		114.66	1.20		<i>Below 1.10m bgl: becoming very clayey gravel.</i>		
				(0.38)	M/H	Light orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
B	1.50		114.28	1.58	VH	Moderately strong LIMESTONE - unable to penetrate.		
			114.26	(0.02)		(WHITE LIMESTONE FORMATION)		
				1.60		End of Trial Pit at 1.60m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP116

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 01/06/2021

Scale

1:25

Ground Level 115.58m AOD

Coordinates E 454954.31 N 228764.28

Total Depth

1.70m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.25)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite.		
			115.33	0.25	E/M	(TOPSOIL)		
D	0.50			(0.15)		Firm dark reddish brown slightly silty slightly gravelly CLAY with rare rootlets and cobbles. Gravel is fine to coarse angular to subrounded limestone.		
			115.18	0.40	M/H	(SUBSOIL)		
			114.98	0.60		Cobbles are angular to subangular limestone.		
D	1.00			(0.85)	M/H	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)		
						Creamy brown clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. Boulders are angular to subangular tabular limestone.		
			114.13	1.45		(WHITE LIMESTONE FORMATION)		
B	1.60			(0.23)		Firm orangish brown slightly gravelly CLAY with occasional to frequent shell fragments. Gravel is fine to medium angular to subangular limestone.		
D	1.60		113.90	1.68		(WHITE LIMESTONE FORMATION)		
			113.88	(0.02)		Moderately strong LIMESTONE - unable to penetrate.		
				1.70		(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.70m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP117

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 01/06/2021

Scale

1:25

Ground Level 115.50m AOD

Coordinates E 454957.82 N 228686.53

Total Depth

1.10m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP118

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 02/06/2021

Scale


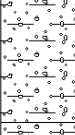
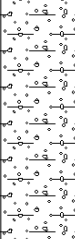

1:25

Ground Level 114.88m AOD

Coordinates E 454955.30 N 228624.85

Total Depth

1.50m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.68	(0.20) 0.20	E	Dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.40		114.22	(0.45) 0.65	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	0.80			(0.83)	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)		
D B	1.30 1.40		113.40 113.38	1.48 (0.02) 1.50		Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.50m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length:	2.25m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP119

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 01/06/2021

Scale

1:25

Ground Level 114.41m AOD

Coordinates E 454966.60 N 228550.16

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	0.15		114.16	(0.25) 0.25	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.50		113.66	(0.50) 0.75	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.10		113.01	(0.65)	M/H	Light creamy brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.40		112.86	1.40 (0.15) 1.55	H	Light greyish brownish white slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B D	1.70 1.70		112.56	(0.30) 1.85	H/VH	Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.85m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

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

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

TRIAL PIT LOG

TP120

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 01/06/2021

Scale

1:25

Ground Level 115.82m AOD

Coordinates E 454894.08 N 228690.86

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		115.62	(0.20) 0.20	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.60			(0.70)	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.10		114.92	0.90 (0.65)	M/H	Light creamy brownish white slightly clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are subangular to angular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D B	1.60 1.70		114.27 114.02	1.55 (0.25) 1.80	H/VH	Moderately strong thinly bedded light creamy brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP121

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale


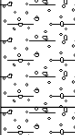
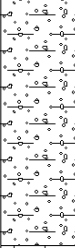

1:25

Ground Level 110.93m AOD

Coordinates E 454964.98 N 228406.43

Total Depth

1.65m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		110.73	(0.20) 0.20	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.50		110.33	(0.40) 0.60	E/M	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobble are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.10			(0.90)	M/H	Light creamy brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobble are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
B D	1.50 1.50		109.43 109.28	1.50 (0.15) 1.65	H/VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular, tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.65m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

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

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

TRIAL PIT LOG

TP121A

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 02/06/2021

Scale

1:25





Ground Level 110.93m AOD

Coordinates

E 454964.98 N 228406.43

Total Depth

1.65m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
			110.63	(0.30) 0.30	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
			110.38	(0.25) 0.55	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)		
				(1.07)	M/H	Light 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)		
			109.31 109.28	1.62 (0.03) 1.65		Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION) 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 test, see separate sheet for soakaway test results.

Length:	2.60m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP122

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 109.52m AOD

Coordinates

E 454964.08 N 228372.76

Total Depth

2.10m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.25)	E	Soft dark brown slightly gravelly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.		
D	0.30		109.27	0.25	E	(TOPSOIL)		
			109.07	0.45		Dark orangish yellowish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
D	0.80			(0.95)	M	Light creamy yellowish brown slightly clayey GRAVEL with angular to subangular occasional to frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
						(WHITE LIMESTONE FORMATION)		
D	1.50		108.12	1.40		Light grey slightly mottled orangish brown very clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular, fossiliferous limestone.		
				(0.68)	M/H	(WHITE LIMESTONE FORMATION)		
D	1.90							
B	2.00		107.44	2.08	VH	Moderately strong LIMESTONE - unable to penetrate.		
			107.42	(0.02)		(WHITE LIMESTONE FORMATION)		
				2.10		End of Trial Pit at 2.10m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater at 1.90m bgl.

Stability: Stable

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

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

TRIAL PIT LOG

TP123

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 27/05/2021

Scale

1:25

Ground Level 115.85m AOD

Coordinates

E 455035.22 N 228966.80

Total Depth

1.70m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP124

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 116.10m AOD

Coordinates E 455022.60 N 228902.36

Total Depth

2.15m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.30)	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and rare quartzite.		
D	0.40		115.80	0.30	E/M	(TOPSOIL)		
D	0.60		115.56	0.55	H	Soft to firm orangish brown gravelly CLAY with occasional to frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
			115.52	(0.03)		(WHITE LIMESTONE FORMATION)		
				0.58	M/H	Weak to moderately strong orangish brownish white LIMESTONE recovered as gravel and cobbles. Gravel is fine to coarse angular to subangular and tabular. Cobbles are angular to subangular and tabular.		
D	1.00		115.10	1.00		(WHITE LIMESTONE FORMATION)		
				(0.95)	M	Light greyish white locally orange slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone.		
						(WHITE LIMESTONE FORMATION)		
						Firm bluish grey slightly mottled orange CLAY.		
						(WHITE LIMESTONE FORMATION)		
D	1.80							
B	1.90		114.16	1.95				
D	1.90		113.96	(0.20)	H	Light greyish white slightly mottled orange slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
				2.15		(WHITE LIMESTONE FORMATION)		
						At 2.15m bgl: moderately weak LIMESTONE - unable to penetrate.		
						End of Trial Pit at 2.15m		

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 2.00m bgl.

Stability: Stable

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

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

TRIAL PIT LOG

TP125

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 03/06/2021

Scale

1:25

Ground Level 123.08m AOD

Coordinates E 454257.16 N 229112.62

Total Depth

1.65m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		122.88	(0.20) 0.20	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
				(0.60)	M	Firm orangish yellowish brown gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	0.70		122.28	0.80				
D	0.90							
LB	0.90			(0.50)	M	Firm brownish slightly mottled brown slightly gravelly CLAY. Gravel is fine to medium angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.30		121.78	1.30	M			
B	1.50		121.43	(0.35) 1.65	VH	Firm to stiff light grey mottled orange slightly gravelly CLAY with occasional shell fragments. Gravel is fine to coarse angular to subangular limestone. Rare to occasional cobbles of angular to subangular limestone. (WHITE LIMESTONE FORMATION) <i>At 1.65m bgl: moderately strong LIMESTONE - unable to penetrate.</i> 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 backfilled with arisings on completion.

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

TRIAL PIT LOG

TP126

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 03/06/2021

Scale

1:25

Ground Level 114.43m AOD

Coordinates E 455034.38 N 228763.49

Total Depth

1.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.23	(0.20) 0.20	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.50			(0.55)	E/M	Firm dark orangish brown mottled orange slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.80		113.68	0.75 (0.20)	M	Firm to stiff dark grey mottled orange slightly sandy slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.00		113.48	0.95	H/VH	(WHITE LIMESTONE FORMATION)		
B	1.10		113.23	(0.25) 1.20		Orangish brown clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulder are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) <i>At 1.20m bgl: moderately strong LIMESTONE - unable to penetrate.</i> End of Trial Pit at 1.20m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP127

Project Land adjacent to Junction 10, M40, Ardley

Project No. AG3268-21

Client Albion Land Ltd

Sheet 1 of 1

Date 03/06/2021

Scale 1:25

Ground Level 114.78m AOD

Coordinates E 455034.94 N 228696.12

Total Depth 1.50m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.53	(0.25) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.60		113.98	(0.55)	M	Dark 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)		
D	0.90		113.58	(0.40)	H	Firm greyish brown very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
B D	1.40 1.40		113.28	(0.30) 1.50	H	Orangish greyish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) <i>At 1.50m bgl: moderately strong LIMESTONE - unable to penetrate.</i> End of Trial Pit at 1.50m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP128

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 03/06/2021

Scale

1:25

Ground Level 114.84m AOD

Coordinates

E 455030.74 N 228628.28

Total Depth

2.10m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.54	(0.30) 0.30	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with frequent cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.50					Orangish brown slightly clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
LB	0.80			(1.40)	M			
D	1.70		113.14	1.70		Light greyish 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)		
B	2.00		112.74	(0.40) 2.10	H	At 2.10m bgl: possible layer of competent limestone - unable to penetrate. 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 possible layer of competent rock strength strata. Trial pit backfilled with arisings on completion.

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

TRIAL PIT LOG

TP129

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 01/06/2021

Scale

1:25

Ground Level 114.08m AOD

Coordinates E 455027.90 N 228546.90

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		113.83	(0.25) 0.25	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.60			(1.00)	M	Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular subangular limestone. (WHITE LIMESTONE FORMATION) <i>Between 0.25m and 0.60m bgl: pocket of soft to firm reddish brown slightly silty slight gravelly CLAY (subsoil) in northeastern part of pit. Gravel is fine to coarse, angular to subangular limestone with occasional cobbles of angular to subangular limestone.</i>		
D	1.50		112.83	(0.45)	M/H	Light orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B D	1.90 1.90		112.38 112.08	(0.30) 2.00	H/VH	Light creamy brown slightly clayey GRAVEL with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) <i>At 2.00m bgl: moderately strong LIMESTONE - unable to penetrate.</i> End of Trial Pit at 2.00m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

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

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

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

TRIAL PIT LOG

TP130

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 01/06/2021

Scale

1:25

Ground Level 122.98m AOD

Coordinates

E 454185.09 N 229109.09

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		122.78	(0.20) 0.20	E M/H	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.50		122.33	(0.45) 0.65		Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
B	1.00			(0.75) 1.40	H	Creamy orangish brown slightly clayey GRAVEL with frequent cobbles and occasional to frequent boulders. Gravel is fine to coarse angular to subangular. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.70			(0.60) 2.00	H	Light creamy brown white slightly clayey GRAVEL with occasional to frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B	1.90		120.98	2.00				
D	2.10		120.78	(0.20) 2.20	H/VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 2.20m		

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

TRIAL PIT LOG

TP131

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 19/05/2021

Scale

1:25





Ground Level 110.48m AOD

Coordinates

E 455029.47 N 228404.85

Total Depth

2.30m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP132

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 114.86m AOD

Coordinates E 455091.67 N 228949.96

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.61	(0.25) 0.25	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with frequent rootlets and occasional to frequent cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone and rare quartzite. (TOPSOIL)		
D	0.50			(0.85)	M	Yellowish orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
LB	0.80							
			113.76	1.10		<i>At 1.00m bgl: black, ribbed, perforated, plastic pipe running across pit in NE-SW direction. Made Ground locally above pipe.</i>		
D	1.50			(1.08)	M/H	Light creamy yellowish 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)		
D B	2.00 2.10		112.68 112.66	2.18 (0.02) 2.20	VH	Moderately strong LIMESTONE - unable to penetrate. (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.

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

TRIAL PIT LOG

TP133

Project Land adjacent to Junction 10, M40, Ardley

Project No. AG3268-21

Client Albion Land Ltd

Sheet 1 of 1

Date 03/06/2021

Scale 1:25

Ground Level 114.69m AOD

Coordinates E 455101.38 N 228887.85

Total Depth 1.70m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.49	(0.20) 0.20	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional rootlets and frequent cobbles of angular to subrounded limestone and quartzite. Gravel is fine to coarse angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.60			(1.00)	E/M	Firm orangish brown slightly gravelly CLAY with occasional pockets of orangish brown slightly sandy clay and rare roots and rootlets. Gravel is fine to medium angular to subrounded limestone. (WHITE LIMESTONE FORMATION) <i>Below 0.70m bgl: rare angular to subangular limestone cobbles.</i>		
			113.49	1.20				
				(0.50)	M	Light creamy orangish brown clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders of angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	1.60							
D	1.60		112.99	1.70		<i>At 1.70m bgl: moderately strong LIMESTONE - unable to penetrate.</i> End of Trial Pit at 1.70m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP134

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 03/06/2021

Scale

1:25


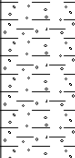


Ground Level 114.44m AOD

Coordinates

E 455106.74 N 228840.66

Total Depth

1.05m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		114.19	(0.25) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subangular limestone. (TOPSOIL)		
D	0.70		113.59	(0.60)	M	Firm to stiff orangish brown very gravelly CLAY with occasional to frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
B	0.90		113.39	(0.20)	H/VH	Moderately strong thinly bedded brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	0.90		113.39	1.05		End of Trial Pit at 1.05m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP135

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 04/06/2021

Scale

1:25

Ground Level 113.79m AOD

Coordinates E 455096.50 N 228757.55

Total Depth

1.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.05		113.64	(0.15)		Soft to firm dark brown slightly gravelly slightly silty CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.40		113.09	(0.55)	M/H	Firm to stiff brownish grey gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	0.80			(0.50)	E	<i>At 0.50m bgl: ceramic land drain transects pit in E-W direction. Pipe slightly sited up.</i> Orangish brown clayey GRAVEL with frequent boulders and cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B	1.10		112.59	1.20	H/VH	<i>At 1.20m bgl: moderately strong LIMESTONE - unable to penetrate.</i> End of Trial Pit at 1.20m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length:	3.90m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP136

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


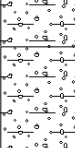
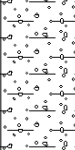

1:25

Ground Level 113.98m AOD

Coordinates E 455095.19 N 228685.90

Total Depth

1.45m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		113.78	(0.20)	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded		
D	0.30		113.58	(0.20)	E/M	(TOPSOIL) Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
D	0.80			(0.85)	M/H	(WHITE LIMESTONE FORMATION) Light orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone.		
B	1.30		112.73	1.25				
D	1.30		112.53	(0.20)	M/H	Firm light orangish brown slightly gravelly CLAY with occasional to frequent shell fragments. Gravel is fine angular to subangular limestone.		
				1.45		(WHITE LIMESTONE FORMATION) <i>At 1.45m bgl: moderately strong LIMESTONE - unable to penetrate.</i> End of Trial Pit at 1.45m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP137

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 114.42m AOD

Coordinates E 455092.16 N 228620.56

Total Depth

1.40m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30		114.22	(0.20)	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite.		
			114.02	(0.20)	E	(TOPSOIL)		
D	0.80			(0.40)	M	Soft to firm reddish brown slightly silty slightly gravelly CLAY and occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
				(0.80)		M	Light orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.	
B D	1.30 1.30		113.22	(0.20)	M/H	Firm dark brown slightly mottled orange very gravelly CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone.		
			113.02	(0.20)		M/H	(WHITE LIMESTONE FORMATION)	
						At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.40m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP138

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 04/06/2021

Scale

1:25

Ground Level 113.82m AOD

Coordinates

E 455098.74 N 228555.52

Total Depth

1.60m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		113.62	(0.20) 0.20		Firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded quartzite and limestone. (TOPSOIL)		
LB D	0.60 0.70			(0.80)		Dark 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)		
			112.82	1.00		Light creamy brownish white clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are tabular angular to subangular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B D	1.40 1.40		112.22	(0.60) 1.60		At 1.60m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.60m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length:	2.45m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP139

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 112.60m AOD

Coordinates

E 455099.58 N 228482.04

Total Depth

2.00m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10			(0.35)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
D	0.60		112.25	0.35	E/M	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	1.30		111.50	1.10	VH	Light brownish creamy white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	1.70		111.00	1.60	M/H	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)		
B	1.90		110.60	2.00		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:	2.20m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP140

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 03/06/2021

Scale

1:25

Ground Level 110.53m AOD

Coordinates E 455102.38 N 228415.64

Total Depth

1.70m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		110.33	(0.20) 0.20	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.50			(0.55)	M	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
LB	0.80		109.78	0.75	M/H	Light orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
				(0.70)				
B	1.60		109.08	1.45	VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	1.60		108.83	1.70				
						End of Trial Pit at 1.70m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP141

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 03/06/2021

Scale

1:25

Ground Level 113.42m AOD

Coordinates E 455153.62 N 228889.24

Total Depth

1.40m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20		113.12	(0.30)	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
			112.77	(0.35)	E	Soft to firm dark reddish brown slightly gravelly slightly silty CLAY with rare cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subangular limestone. (SUBSOIL)		
D	0.80		112.37	(0.40)	M/H	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	1.20		112.02	(0.35)	H/VH	Light creamy brownish white slightly clayey to clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. Boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	1.30		112.02	1.40		At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.40m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP142

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 112.91m AOD

Coordinates

E 455170.94 N 228831.00

Total Depth

1.30m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30		112.71	(0.20)	E	Soft dark brown slightly silty slightly gravelly CLAY with rare cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite.		
			112.51	(0.20)		(TOPSOIL)		
D	0.50			(0.40)		Soft reddish brown slightly silty slightly gravelly CLAY with rare rootlets and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone.		
LB	0.60			(0.45)		(SUBSOIL)		
D	0.90		112.06	0.85		Orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone.		
B	1.20			(0.45)		Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone.		
			111.61	1.30	(WHITE LIMESTONE FORMATION)			
						End of Trial Pit at 1.30m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP143

Project Land adjacent to Junction 10, M40, Ardley

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Client Albion Land Ltd

Sheet 1 of 1

Date 04/06/2021

Scale 1:25

Ground Level 113.25m AOD

Coordinates E 455163.30 N 228764.64

Total Depth 0.90m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		113.00	(0.25) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.50			(0.65)	M/H	Orangish brown slightly clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
B	0.80		112.35	0.90		At 0.90m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 0.90m		

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.

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

TRIAL PIT LOG

TP144

Project Land adjacent to Junction 10, M40, Ardley

Project No.

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Client Albion Land Ltd

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Date 04/06/2021

Scale

1:25

Ground Level 112.68m AOD

Coordinates

E 455176.76 N 228691.93

Total Depth

0.50m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.05		112.54	(0.15)		Soft to firm dark brown 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 and quartzite. (TOPSOIL) Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) <i>At 0.50m bgl: moderately strong LIMESTONE - unable to penetrate.</i> End of Trial Pit at 0.50m		
B	0.40		(0.35)					
D	0.40		112.18	0.50				

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length:	2.00m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP145

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 04/06/2021

Scale



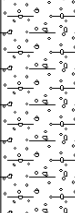


1:25

Ground Level 112.77m AOD

Coordinates E 455176.45 N 228627.08

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	0.15		112.52	(0.25)	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.		
D	0.40			0.25		(TOPSOIL)		
LB	0.70			(0.85)	M	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	1.20		111.67	1.10		Light creamy 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.		
				(0.20)	M/H	(WHITE LIMESTONE FORMATION)		
D	1.40		111.47	1.30		Moderately strong thinly bedded fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.		
				(0.25)	H/VH	(WHITE LIMESTONE FORMATION)		
			111.22	1.55		End of Trial Pit at 1.55m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP146

Project Land adjacent to Junction 10, M40, Ardley

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AG3268-21

Client Albion Land Ltd

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Date 04/06/2021

Scale

1:25

Ground Level 112.52m AOD

Coordinates

E 455173.54 N 228556.52

Total Depth

1.80m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.10		112.27	(0.25) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional to frequent cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded quartzite and limestone. (TOPSOIL)		
D	0.60		111.62	(0.65) 0.90	M H/VH	Dark orangish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.00		111.02	(0.60) 1.50	M/H	Light creamy orangish brown slightly clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D LB	1.60 1.70		110.72	(0.30) 1.80		Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.80m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP147

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 03/06/2021

Scale

1:25





Ground Level 111.06m AOD

Coordinates

E 455175.46 N 228478.51

Total Depth

1.40m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.30		110.81	(0.25)	E	Soft dark brown slightly silty slightly gravelly CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. (TOPSOIL)		
			110.66	0.25 (0.15) 0.40	E/M	Dark reddish brown gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. (SUBSOIL)		
D	0.90			(1.00)	M/H	Light yellowish brown 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)		
D LB	1.30 1.30		109.66	1.40		At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.40m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP148

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

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Date 03/06/2021

Scale

1:25

Ground Level 112.10m AOD

Coordinates

E 455204.31 N 228773.77

Total Depth

2.20m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20			(0.35)	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.40		111.75	0.35 (0.20)	E/M	Firm dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (SUBSOIL)		
			111.55	0.55				
				(0.80)	M/H	Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
D	1.10							
			110.75	1.35				
				(0.85)	H	Light orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.80							
			109.90	2.20				
B	2.10							
						At 2.20m bgl: moderately strong LIMESTONE - unable to penetrate. 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:	2.50m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP149

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 03/06/2021

Scale

1:25

Ground Level 111.33m AOD

Coordinates E 455226.62 N 228697.59

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		111.08	(0.25)	E	Dark brown soft slightly gravelly slightly silty CLAY with occasional cobbles and frequent to occasional rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles and boulders are angular to subrounded limestone and quartzite.		
				(0.30)	E/M	(TOPSOIL)		
D	0.70		110.78	0.55		Soft to firm dark reddish brown slightly gravelly slightly silty CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone.		
				(0.45)	M	(SUBSOIL)		
D	1.10		110.33	1.00		Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
				(1.15)	M/H	(WHITE LIMESTONE FORMATION)		
D B	1.90 2.00		109.18	2.15		Light yellowish orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles and rare boulders are angular to subangular tabular fossiliferous limestone.		
						(WHITE LIMESTONE FORMATION)		
						At 2.15m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 2.15m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP150

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 19/05/2021

Scale

1:25

Ground Level 111.12m AOD

Coordinates

E 455221.87 N 228620.36

Total Depth

1.90m

Sample / Test Type	Depth (m)	Result	Level (mAoD)	Strata Depth (thickness) (m)	Ease of Dig	Description of Strata	Legend	GW
ES	0.20			(0.35)	E	Soft dark brown slightly silty slightly gravelly CLAY with frequent rootlets and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL)		
			110.77	0.35				
				(0.35)	E	Soft reddish brown slightly silty slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)		
			110.42	0.70				
D	0.80			(0.40)	M	Light orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION)		
			110.02	1.10				
D	1.20			(0.50)	M/H	Creamy yellowish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
			109.52	1.60				
B	1.70			(0.30)	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)		
D	1.80		109.22	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:	2.20m
Width:	0.60m
Logged:	KM
Checked:	AS

TRIAL PIT LOG

TP151

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 03/06/2021

Scale

1:25

Ground Level 110.70m AOD

Coordinates E 455219.48 N 228552.43

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		110.50	(0.20)	E	Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone and quartzite.		
D	0.40		110.15	(0.35)	M	(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.		
D	1.10			(1.30)	H/VH	(WHITE LIMESTONE FORMATION) Light orangish brown clayey to very clayey GRAVEL with frequent cobbles. Cobbles and boulders are angular to subangular tabular fossiliferous limestone.		
B D	1.70 1.70		108.85	1.85		At 1.85m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.85m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP152

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 03/06/2021

Scale

1:25








Ground Level 109.23m AOD

Coordinates

E 455228.25 N 228484.80

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	0.30		108.98	(0.25)	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone.		
				0.25			(TOPSOIL)	
D LB	0.80 0.90		108.68	(0.30)	E	Soft to firm reddish brown slightly silty slightly gravelly CLAY. Gravel is fine to coarse angular to subangular limestone. Occasional cobbles of angular to subangular limestone.		
				0.55			(SUBSOIL)	
D LB	0.80 0.90		108.13	(0.55)	M	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.		
				(0.60)				(WHITE LIMESTONE FORMATION)
D D B	1.60 1.70 1.80		107.53	1.70		Light orangish brown slightly clayey slightly sandy GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders of angular to subangular tabular fossiliferous limestone.		
				(0.20)				(WHITE LIMESTONE FORMATION)
			107.33	1.90		Moderately strong thinly bedded creamy brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.		
						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

Exploratory Hole Log Key Sheet

Sample Notation	Backfill Symbols	Legend Symbols
D Small Disturbed sample B Bulk Disturbed sample ES Environmental sample U Undisturbed U100 sample UT Undisturbed UT100 sample C Core sample W Water sample	Sand Gravel Concrete Bentonite Arisings Grout	Topsoil Made Ground Concrete Clay Silt Sand Gravel Peat Cobbles Boulders Mudstone Siltstone Sandstone Limestone Chalk Coal Breccia Conglomerate Shale Igenous Rock Metamorphic Rock No Recovery No Recovery
In Situ Test Notation	Installation Symbols	
S Standard Penetration Test S (C) Standard Penetration Test (cone) HV Hand Shear Vane Test PID Photoionization Detector Test MEXE Mexecone Cone Penetrometer Test PP Pocket Penetrometer Test K Permeability Test	Plain Standpipe Slotted Standpipe Piezometer Vibrating Wire Piezometer Inclinometer Extensometer (with magnet locations)	
Results Notation	Groundwater (GW)	
Cu Shear Strength kN/m ² N SPT N Value - PID VOC Concentration ppm () U/UT Blow Count -	Rise Groundwater Strike - with Recorded Rise Strike Groundwater Strike - No Recorded Rise	
Rotary Core Notation		
TCR Total Core Recovery SCR Solid Core Recovery RQD Rock Quality Designation FI Fracture Index If Fracture Spacing NI Non Intact NR No Recovery NA Not Applicable		
Ease of Dig		
VE Very Easy E Easy M Moderate H Hard VH Very Hard		
General Notes		
<p>1. Details of the standpipe/piezometer are given on the log. The 'Install' column shows a graphical representation of the installed including depth of instruments including slotted section or piezometer depth, and backfill details.</p> <p>2. Standard Penetration Test is defined in BS EN ISO 17892. Total N value is shown on the logs, full details of the test increments, equipment references, water and casing levels shown on the SPT Summary Sheet.</p>		<p>Note: Most soils comprise a mixture of particle sizes. The soil type is graphically represented on the log and may be a combination of these symbols.</p>

APPENDIX D

APPENDIX E

SUMMARY OF LEACHATE TEST RESULTS

Site Land adjacent to Junction 10, M40, Ardley
 Job Number AG3268-21
 Type of Water Leachate

Determinand	Limit of Detection	Hazardous or Non-Hazardous [^]	Sample Identity Depth Sampled Date	TP128	TP150	TP5	TP25	TP79	TP48	TP110	TP97	TP124	No. of samples (n)	Waters Screening Value	Source & Justification
				0.10 03/06/2021	0.20 03/06/2021	0.2 25/05/2021	0.2 26/05/2021	0.1 25/05/2021	0.1 25/05/2021	0.1 28/05/2021	0.3 28/05/2021	0.1 28/05/2021			
pH		-	-	8.4	8.4	8.5	8.2	8.2	8.2	8.5	8.5	8.5	9	-	-
Arsenic	0.2	Haz	µg l ⁻¹	0.66	0.42	0.66	0.77	1.2	0.91	0.54	0.57	0.66	9	10	UK Drinking Water Standards (2010)
Cadmium	0.11	Non Haz	µg l ⁻¹	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	9	5	UK Drinking Water Standards (2010)
Chromium (Total)	0.5	Non Haz	µg l ⁻¹	0.5	0.5	0.5	0.5	0.65	0.57	0.5	0.5	0.5	9	50	UK Drinking Water Standards (2010)
Copper	0.5	Non Haz	µg l ⁻¹	3.4	2.7	1.5	1.5	5.3	3.2	2.7	1.9	3.5	9	2000	UK Drinking Water Standards (2010)
Lead	0.5	Haz	µg l ⁻¹	0.5	0.5	0.5	0.5	0.54	0.5	0.5	0.5	0.5	9	10	UK Drinking Water Standards (2010)
Mercury	0.05	Haz	µg l ⁻¹	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	9	1	UK Drinking Water Standards (2010)
Nickel	0.5	Non Haz	µg l ⁻¹	1.2	0.5	0.5	1	3.3	1.2	0.93	0.79	1	9	20	UK Drinking Water Standards (2010)
Selenium	0.5	Non Haz	µg l ⁻¹	0.5	0.5	0.5	0.5	0.72	0.5	0.5	0.5	0.5	9	10	UK Drinking Water Standards (2010)
Zinc	2.5	Non Haz	µg l ⁻¹	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	9	5000	UK Drinking Water Standards (2010)
Boron	10	Non Haz	µg l ⁻¹	10	11	10	10	10	10	10	10	10	9	1000	UK Drinking Water Standards (2010)
Beryllium	1	Non Haz	µg l ⁻¹	1	1	1	1	1	1	1	1	1	9	12	UK Drinking Water Standards (2010)
Vanadium	0.5	Non Haz	µg l ⁻¹	1.2	0.73	1.3	1.4	2.3	2.3	0.84	1.2	1.2	9	20	EQS
Sulphate	1	Non Haz	mg l ⁻¹	1	2.7	2.8	1	1	1	1	1	1	9	250	UK Drinking Water Standards (2010)
Naphthalene	0.1	Non Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Acenaphthylene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Acenaphthene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Fluorene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Phenanthrene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Anthracene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Fluoranthene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Pyrene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Benzo[a]anthracene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Chrysene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Benzo[b]fluoranthene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Benzo[k]fluoranthene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Benzo[a]pyrene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Dibenz(a,h)Anthracene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Indeno(1,2,3-c,d)Pyrene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit
Benzo[g,h,i]perylene	0.1	Haz	µg l ⁻¹	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9	0.1	Detection limit

Key-
Result exceeds test Detection Limit (for Haz determinands)
Result exceeds Screening Value (for Non Haz determinands)
 Values in bold at the limit of detection

[^] Note: Hazardous and non-hazardous substances determined by JAGDAG (Jan 2017) and published at <http://www.wfduk.org/sites/default/files/Media/170116%20Substance%20Determinationsfinal.pdf>. These are marked in bold. For substances not assessed by JAGDAG, Applied Geology has assumed a determination based on our understanding of the behaviour of the chemical. These determinations are highlighted in yellow.