

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		115.38	(0.80) 2.20	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					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

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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

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Date 17/05/2021

Scale

1:25




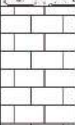
Ground Level 115.88m AOD

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.

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Client Albion Land Ltd

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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) 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			0.65				
				(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	1.40				
				(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

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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

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Project Land adjacent to Junction 10, M40, Ardley

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Date 28/05/2021

Scale

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

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) 0.25	E	Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL)		
D	0.60		115.86	(0.30) 0.55	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. (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. (WHITE LIMESTONE FORMATION)		
D	1.00							
B	1.10		115.23	1.18				
			115.21	(0.02) 1.20	VH	Moderately strong LIMESTONE - unable to penetrate. (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

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




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.		
			115.54	(0.15)	E	(TOPSOIL)		
D	0.70			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)		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.		
B	1.00		114.91	1.08	E/M	(WHITE LIMESTONE FORMATION)		
			114.89	(0.02)		Moderately strong LIMESTONE - unable to penetrate.		
				1.10		(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

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Project Land adjacent to Junction 10, M40, Ardley

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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 quartzite and limestone. (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

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Client Albion Land Ltd

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





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.		
D	0.40			0.20		(TOPSOIL)		
				(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.		
			113.37	0.75		(WHITE LIMESTONE FORMATION)		
D	0.90					Moderately strong creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse, angular to subangular tabular limestone.		
B	1.00			(0.85)		(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.		
B	1.80			(0.40)		(WHITE LIMESTONE FORMATION)		
			112.12	2.00	H	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

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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

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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

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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

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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 116.56m 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

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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) 0.25	E	Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone and quartzite. (TOPSOIL)		
D	0.40		114.49	(0.30) 0.55	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			(1.35)	M/H	Light creamy brownish white slightly clayey to clayey GRAVEL with frequent rootlets and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
B	1.60							
D	1.60							
D	1.90		113.14	1.90				
B	2.10		112.84	(0.30) 2.20	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. (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

1 of 1

Date 03/06/2021

Scale

1:25




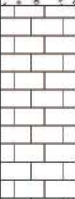
Ground Level 114.27m AOD

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.		
D	0.40		113.77	(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.		
LB	0.90			(1.25)	H	(WHITE LIMESTONE FORMATION) 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.		
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.		
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

Sheet

1 of 1

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. Cobbles are 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. Cobbles 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. Cobbles 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

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 110.63m AOD

Coordinates E 454884.63 N 228413.22

Total Depth

1.80m

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. Cobbles are 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

1 of 1

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.		
						(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

Sheet

1 of 1

Date 27/05/2021

Scale

1:25





Ground Level 116.10m AOD

Coordinates

E 454939.74 N 229049.34

Total Depth

1.45m

Sample / 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) 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. (TOPSOIL)		
D	0.50				VH	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 D	1.20 1.20		114.68 114.64	1.42 (0.03) 1.45		Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.45m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length: 2.30m

Width: 0.60m

Logged: KM

Checked: AS

TRIAL PIT LOG

TP113

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 116.04m 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. Cobbles are angular to subangular tabular limestone. Boulders are angular to subangular fossiliferous, tabular limestone.		
B	1.60			1.72		(WHITE LIMESTONE FORMATION)		
			114.29	(0.03)	VH	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

1 of 1

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			(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.		
D	0.40		115.97	0.25		(TOPSOIL)		
B	0.55		115.67	0.55	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)		
D	1.00			(0.75)	M	Firm to stiff bluish grey CLAY with occasional cobbles are tabular limestone.		
						(WHITE LIMESTONE FORMATION)		
D	1.30		114.92	1.30		Light creamy greyish white GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.		
B	1.40		114.70	1.52	M	(WHITE LIMESTONE FORMATION)		
			114.67	1.55		Moderately strong LIMESTONE - unable to penetrate.		
						(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:	2.40m
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

1 of 1

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.		
				(0.20)	E	(TOPSOIL)		
D	0.70		115.41	0.45	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.		
				(0.75)	M	(SUBSOIL)		
D B	1.40 1.50		114.66	1.20	M/H VH	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)		
				(0.38)				
			114.28	1.58	M/H VH	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)		
			114.26	(0.02) 1.60		Moderately strong LIMESTONE - unable to penetrate. (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: 2.40m

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 coarse 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	H/VH	Creamy brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)		
			114.42	1.08				
			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			(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		113.01 112.86	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
				(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.		
			110.63	0.30		(TOPSOIL)		
				(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.		
			110.38	0.55		(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	1.62		Moderately strong LIMESTONE - unable to penetrate.		
			109.28	(0.03)		(WHITE LIMESTONE FORMATION)		
				1.65		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. (TOPSOIL)		
D	0.30		109.27	0.25	E			
			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			
			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. (WHITE LIMESTONE FORMATION)		
D	1.50			(0.68)	M/H			
D	1.90							
B	2.00		107.44	2.08	VH	Moderately strong LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION)		
			107.42	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)		
D	1.50		114.55	1.30	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 rare quartzite.		
			115.80	0.30		(TOPSOIL)		
D	0.40			(0.25)	E/M	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.		
D	0.60		115.56 115.52	0.55 0.03	H	(WHITE LIMESTONE FORMATION)		
				0.58 (0.42)	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)		
						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.		
				(0.95)	M	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	2.15	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.		
						(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				
B	1.50			(0.35)	M	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)		
			121.43	1.65	VH	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 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)		
						At 1.20m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.20m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length:	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

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Date 01/06/2021

Scale

1:25



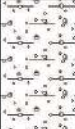

Ground Level 114.08m AOD

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.

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Client Albion Land Ltd

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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		121.58	(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 fossiliferous 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)		
				(1.00)	H			
B	1.30							
D	1.40							
			108.88	1.60				
				(0.70)	VH	Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
D	2.10							
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

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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	2.00							
B	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

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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>		
B	1.60		113.49	1.20	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)		
D	1.60		112.99	(0.50) 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

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Client Albion Land Ltd

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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			(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		113.59	0.85	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.

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Client Albion Land Ltd

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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) 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) 0.70	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) 1.20	E H/VH	At 0.50m bgl: ceramic land drain transects pit in E-W direction. Pipe slightly sited up. 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			At 1.20m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1,20m		

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

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

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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. (TOPSOIL)		
			114.02	(0.20)	E			
D	0.80			(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. (WHITE LIMESTONE FORMATION)		
B	1.30		113.22	1.20	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. (WHITE LIMESTONE FORMATION) <i>At 1.40m bgl: moderately strong LIMESTONE - unable to penetrate.</i> End of Trial Pit at 1.40m		
D	1.30		113.02	1.40				

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

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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				
B D	1.40 1.40			(0.60)		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)		
			112.22	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

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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	H/VH	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. (TOPSOIL)		
			112.51	0.20				
D LB	0.50 0.60			(0.20)		Soft reddish brown slightly silty slightly gravelly CLAY with rare rootlets and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL)		
				0.40				
D	0.90		112.06	(0.45)		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)		
				0.85				
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. (WHITE LIMESTONE FORMATION)		
			111.61	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

TP143

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


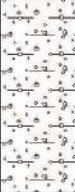
Ground Level 113.25m AOD

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.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

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)		
B	0.40			(0.35)				
D	0.40		112.18	0.50				
						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		

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

1 of 1

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) 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. (TOPSOIL)		
D	0.40				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)		
LB	0.70			(0.85)				
			111.67	1.10				
D	1.20		111.47	(0.20) 1.30	M/H	Light creamy brownish white clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION)		
D	1.40		111.22	(0.25) 1.55	H/VH	Moderately strong thinly bedded fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.55m		

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

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

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

1 of 1

Date 03/06/2021

Scale

1:25



Ground Level 111.06m AOD

Coordinates

E 455175.46 N 228478.51

Total Depth

1.40m

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.		
			110.66	0.25 (0.15) 0.40	E/M	(TOPSOIL) Dark reddish brown gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone.		
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.		
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

Sheet

1 of 1

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				
D	1.10			(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)		
			110.75	1.35				
D	1.80			(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)		
B	2.10		109.90	2.20				
						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

1 of 1

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. (TOPSOIL)		
				0.25	E/M			
D	0.70		110.78	(0.30)		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. (SUBSOIL)		
				0.55				
D	1.10		110.33	(0.45)	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)		
				1.00				
D B	1.90 2.00		109.18	(1.15)	M/H	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)		
				2.15				
						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

1 of 1

Date 19/05/2021

Scale

1:25

Ground Level 111.12m AOD

Coordinates

E 455221.87 N 228620.36

Total Depth

1.90m

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

1 of 1

Date 03/06/2021

Scale

1:25

Ground Level 110.70m AOD

Coordinates

E 455219.48 N 228552.43

Total Depth

1.85m

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

1 of 1

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.		
				(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.		
				(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.		
				(WHITE LIMESTONE FORMATION)				
D D B	1.60 1.70 1.80		107.53	1.10		Light orangish brown slightly clayey slightly sandy GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders of angular to subangular tabular fossiliferous limestone.		
				(0.60)				
			107.33	1.70 (0.20) 1.90		Moderately strong thinly bedded creamy brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone.		
						(WHITE LIMESTONE FORMATION)		
						End of Trial Pit at 1.90m		

Method: Wheeled backhoe excavator.




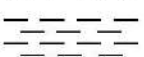





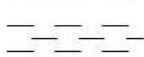

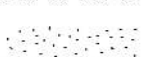


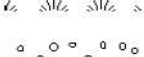
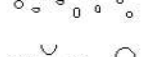
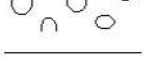
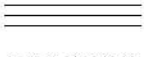

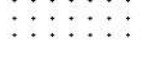
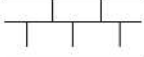
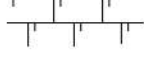




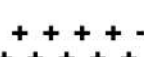

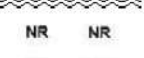










Groundwater: Groundwater not encountered.

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 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	Installation Symbols  Plain Standpipe  Slotted Standpipe  Piezometer  Vibrating Wire Piezometer  Inclinometer  Extensometer (with magnet locations)	
Results Notation Cu Shear Strength kN/m ² N SPT N Value - PID VOC Concentration ppm () U/UT Blow Count -	Groundwater (GW)  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

