

TRIAL PIT LOG

TP51

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale

1:25

Ground Level 117.83m AOD

Coordinates E 454469.08 N 228915.32

Total Depth

1.45m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

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

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

TRIAL PIT LOG

TP52

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25

Ground Level 116.59m AOD

Coordinates

E 454468.68 N 228832.06

Total Depth

1.60m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.10 | | 116.34 | (0.25) | E | Soft dark brown slightly gravelly slightly silty CLAY with ### cobbles and rare to occasional rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| | | | 116.09 | (0.25) | E | Soft reddish brown slightly gravelly slightly silty CLAY with occasional to rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) | | |
| D | 0.60 | | | (0.50) | M | Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | 115.59 | 1.00 | | | | |
| | | | | (0.50) | M/H | Light greyish creamy brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.40 | | 115.09 | 1.50 | | | | |
| B | 1.50 | | 114.99 | (0.10) | VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | 1.60 | | | | |
| | | | | | | End of Trial Pit at 1.60m | | |

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 1.50m bgl.

Stability: Stable

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

| | |
|-----------------|--------|
| Length: | 52.00m |
| Width: | 0.60m |
| Logged: | KM |
| Checked: | AS |

TRIAL PIT LOG

TP53

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 18/05/2021

Scale

1:25

Ground Level 117.47m AOD

Coordinates E 454469.25 N 228761.20

Total Depth

1.60m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|--------------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.20 | | 117.17 | (0.30) 0.30 | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.60 | | 116.62 | (0.55) 0.85 | M | Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.00 | | 116.27 | (0.35) 1.20 | | Light creamy greyish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| D B | 1.40 1.50 | | 115.87 | (0.40) 1.60 | | Moderately strong to strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | | | End of Trial Pit at 1.60m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP54

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 18/05/2021

Scale

1:25

Ground Level 117.46m AOD

Coordinates E 454468.00 N 228691.00

Total Depth

1.75m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP55

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 24/05/2021

Scale

1:25

Ground Level 122.90m AOD

Coordinates E 454535.61 N 229320.46

Total Depth

2.30m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|------------------|------------------------------|-------------|---|--------|----|
| ES | 0.10 | | 122.70 | (0.20) 0.20 | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular and subrounded limestone. (TOPSOIL) | | |
| D | 0.40 | | 122.20 | (0.50) 0.70 | M/H | Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 0.90 | | | (1.59) | M/H | Light creamy orangish brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.70 | | | | | | | |
| D | 2.00 | | | | | | | |
| B | 2.10 | | | | | | | |
| | | | 120.62 120.60 | 2.29 (0.01) 2.30 | | LIMESTONE (Unable to penetrate) (WHITE LIMESTONE FORMATION) End of Trial Pit at 2.30m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP56

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 18/05/2021

Scale

1:25

Ground Level 122.20m AOD

Coordinates E 454535.32 N 229254.64

Total Depth

2.20m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|--------------|--------|------------------|------------------------------|-------------|--|--------|----|
| ES LB | 0.40 | | 121.90 | (0.30) | E | Soft dark brown slightly silty slightly gravelly CLAY with frequent rootlets near surface and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. | | |
| | 0.50 | | 121.75 | (0.15) (0.45) | E | (TOPSOIL) Soft dark reddish brown slightly silty slightly gravelly CLAY with occasional to rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. | | |
| D | 0.80 | | | (0.75) | M | Soft to firm orangish brown gravelly CLAY with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.30 | | 121.00 | 1.20 | | Light creamy yellowish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| D B | 1.60 1.70 | | | (0.80) | H | | | |
| D | 2.10 | | 120.20 120.00 | 2.00 (0.20) 2.20 | VH | Moderately strong thinly bedded creamy yellowish white LIMESTONE recovered as gravel, cobbles and boulders of tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | | | End of Trial Pit at 2.20m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP57

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 25/05/2021

Scale

1:25

Ground Level 121.53m AOD

Coordinates

E 454534.04 N 229169.74

Total Depth

1.85m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.20 | | | (0.30) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.35 | | 121.23 | 0.30 | E/M | Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 0.50 | | 121.08 | 0.45 | | Light creamy orangish brownish white very clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.10 | | | (0.95) | M/H | Below 1.30m bgl: rare boulders (maximum size 0.30m x 0.30m) of angular to subangular tabular limestone. | | |
| D | 1.60 | | 120.13 | 1.40 | H/VH | Moderately strong thinly bedded light creamy brownish grey fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.70 | | 119.68 | 1.85 | | End of Trial Pit at 1.85m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slight collapse of rock stratum below 1.40m.

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

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

TRIAL PIT LOG

TP58

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 24/05/2021

Scale

1:25

Ground Level 120.64m AOD

Coordinates E 454537.32 N 229096.27

Total Depth

2.00m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.20 | | 120.34 | (0.30) | E | Soft dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.50 | | 120.04 | (0.30) | E/M | Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 0.80 | | | | | Light creamy orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.40 | | | (1.10) | M/H | <i>Below 1.40m bgl: very clayey.</i> | | |
| D | 1.80 | | 118.94 | 1.70 | | | | |
| B | 1.90 | | 118.64 | (0.30) | H/VH | Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | | | End of Trial Pit at 2.00m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP59

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale

1:25

Ground Level 120.00m AOD

Coordinates E 454538.59 N 229035.05

Total Depth

1.90m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.10 | | | (0.30) | E | Soft dark brown slightly gravelly slightly silty CLAY with rare to occasional rootlets and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. | | |
| | | | 119.70 | 0.30 | E | (TOPSOIL) | | |
| D | 0.50 | | 119.55 | 0.45 | | Soft to firm reddish brown slightly gravelly CLAY with rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subrounded limestone. | | |
| | | | | | M | Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. | | |
| | | | | (0.85) | | (WHITE LIMESTONE FORMATION) | | |
| D | 1.40 | | 118.70 | 1.30 | | Light creamy greyish brownish white slightly gravelly CLAY with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular limestone. | | |
| | | | | (0.55) | | (WHITE LIMESTONE FORMATION) | | |
| B | 1.80 | | 118.15 | 1.85 | | | | |
| D | 1.80 | | 118.10 | (0.05) | VH | Moderately strong creamy greyish brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. | | |
| | | | | 1.90 | | (WHITE LIMESTONE FORMATION) | | |
| | | | | | | End of Trial Pit at 1.90m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP60

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale

1:25

Ground Level 119.81m AOD

Coordinates E 454538.73 N 228972.49

Total Depth

1.95m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.30 | | 119.56 | (0.25) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. (TOPSOIL) | | |
| D | 0.60 | | 119.34 | (0.25) | E | Soft to firm reddish brown slightly gravelly CLAY with rare to occasional cobbles and rare to occasional roots and rootlets. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) | | |
| B | 0.70 | | | 0.50 | | | | |
| | | | | (0.90) | E/M | Firm to stiff dark greyish brown very gravelly CLAY with occasional cobbles and rare to occasional roots. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subrounded limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.30 | | 118.41 | 1.40 | | | | |
| | | | | (0.20) | M | Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.60 | | 118.21 | 1.60 | | | | |
| | | | | (0.20) | H | Light creamy brownish white slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.80 | | 118.01 | 1.80 | | | | |
| D | 1.80 | | 117.86 | (0.15) | VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | 1.95 | | | | |
| | | | | | | End of Trial Pit at 1.95m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.95m bgl due to competent rock strength strata. Trial pit backfilled with arisings on completion.

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

TRIAL PIT LOG

TP61

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25

Ground Level 118.32m AOD

Coordinates E 454539.04 N 228901.53

Total Depth

2.00m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.10 | | 118.12 | (0.20) | E | Soft dark brown slightly gravelly slightly silty CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| | | | | (0.30) | E | Soft reddish brown slightly silty slightly gravelly CLAY with rare rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular limestone. (SUBSOIL) | | |
| D | 0.60 | | 117.82 | (0.30) | M | Orangish brown clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to angular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | (0.50) | | | | |
| | | | | (0.80) | | | | |
| D | 1.20 | | 116.92 | (0.60) | M/H | Light creamy greyish brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.60 | | | (0.60) | H/VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.90 | | 116.32 | 2.00 | | End of Trial Pit at 2.00m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP62

Project Land adjacent to Junction 10, M40, Ardley

Project No. AG3268-21

Client Albion Land Ltd

Sheet 1 of 1

Date 19/05/2021

Scale 1:25

Ground Level 116.27m AOD

Coordinates E 454540.88 N 228833.14

Total Depth 1.90m

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

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 1.50m bgl.

Stability: Stable

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

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS

TRIAL PIT LOG

TP63

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25

Ground Level 115.71m AOD

Coordinates E 454539.09 N 228762.38

Total Depth

1.90m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.40 | | 115.41 | (0.30) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| | | | | (0.40) | E | Soft reddish brown slightly silty slightly gravelly CLAY with rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) | | |
| D | 0.90 | | 115.01 | (0.70) | M | Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.20 | | 114.51 | (0.50) | M | Light creamy yellowish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.60 | | 114.11 | (0.40) | M/H | Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of angular to subangular fine to coarse tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.80 | | 113.81 | (0.30) | VH | Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of angular to subangular fine to coarse tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | 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

TP64

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25

Ground Level 116.20m AOD

Coordinates E 454539.14 N 228691.95

Total Depth

1.55m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.10 | | | (0.25) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. | | |
| | | | 115.95 | 0.25 | | (TOPSOIL) | | |
| | | | | (0.25) | E | Soft reddish brown slightly silty slightly gravelly CLAY with rare rootlets and occasional to rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular to subangular limestone. | | |
| | | | 115.70 | 0.50 | | (SUBSOIL) | | |
| D | 0.70 | | | (0.60) | M | Orangish brown slightly sandy clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular limestone. | | |
| | | | | | | (WHITE LIMESTONE FORMATION) | | |
| D | 1.10 | | 115.10 | 1.10 | H | Light creamy brownish grey slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular limestone. Cobbles are angular to subangular tabular limestone. | | |
| D | 1.30 | | 114.90 | 1.30 | | (WHITE LIMESTONE FORMATION) | | |
| B | 1.40 | | 114.65 | 1.55 | VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. | | |
| | | | | | | (WHITE LIMESTONE FORMATION) | | |
| | | | | | | End of Trial Pit at 1.55m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP65

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale

1:25

Ground Level 115.86m AOD

Coordinates

E 454538.58 N 228622.09

Total Depth

1.80m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.30 | | 115.61 | (0.25) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.60 | | 115.46 | (0.15) (0.40) | E | Soft dark reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are angular limestone. (SUBSOIL) | | |
| | | | 115.06 | (0.40) | M/H | Dark orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.30 | | | (0.60) | M/H | Light creamy brownish grey slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.50 | | 114.46 | 1.40 | | | | |
| D | 1.70 | | | (0.40) | H/VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | 114.06 | 1.80 | | End of Trial Pit at 1.80m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slight collapse of lower strata.

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

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS

TRIAL PIT LOG

TP66

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 24/05/2021

Scale

1:25

Ground Level 122.13m AOD

Coordinates

E 454586.84 N 229305.43

Total Depth

2.00m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.30 | | 121.88 | (0.25) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. | | |
| | | | | 0.25 | | (TOPSOIL) | | |
| D | 0.60 | | 121.68 | (0.20) | E | Soft reddish brown slightly silty slightly gravelly CLAY with occasional cobbles and rare to occasional rootlets. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. | | |
| | | | | 0.45 | | (SUBSOIL) | | |
| | | | | (0.50) | M | Dark orangish brown slightly clayey GRAVEL with frequent cobbles. GRavel is ## angular to subangular limestone. Cobbles are angular to subangular limestone. | | |
| | | | 121.18 | 0.95 | | (WHITE LIMESTONE FORMATION) | | |
| D | 1.50 | | | (0.85) | M/H | Light creamy orangish brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. | | |
| | | | | | | (WHITE LIMESTONE FORMATION) | | |
| B | 1.90 | | 120.33 | 1.80 | | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. | | |
| D | 1.90 | | 120.13 | (0.20) | H/VH | (WHITE LIMESTONE FORMATION) | | |
| | | | | 2.00 | | End of Trial Pit at 2.00m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP67

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 24/05/2021

Scale

1:25

Ground Level 121.36m AOD

Coordinates

E 454613.99 N 229248.72

Total Depth

2.00m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.10 | | 121.11 | (0.25) 0.25 | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and frequent rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone. (TOPSOIL) | | |
| D | 0.50 | | | (0.65) | E/M | Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 0.90 | | 120.46 | 0.90 | M | Light creamy orangish brown very clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | (0.80) | | | | |
| D | 1.50 | | | | H/VH | | | |
| D | 1.80 | | 119.66 | 1.70 | | Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.90 | | 119.36 | (0.30) 2.00 | | | | |
| | | | | | | End of Trial Pit at 2.00m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP68

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 24/05/2021

Scale

1:25

Ground Level 120.66m AOD

Coordinates E 454603.67 N 229177.58

Total Depth

2.15m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.10 | | | (0.30) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are angular to subangular limestone. | | |
| D | 0.40 | | 120.36 | 0.30 | | (TOPSOIL) | | |
| B | 0.80 | | | (0.90) | E/M | Dark orangish brown slightly clayey to clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | 119.46 | 1.20 | | | | |
| D | 1.70 | | | (0.70) | M/H | Light creamy brownish grey slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | 118.76 | 1.90 | | | | |
| B | 2.00 | | | (0.25) | | Moderately strong thinly bedded light creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. | | |
| D | 2.00 | | 118.51 | 2.15 | VH | (WHITE LIMESTONE FORMATION) | | |
| | | | | | | End of Trial Pit at 2.15m | | |

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 2.00m bgl.

Stability: Stable

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

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

TRIAL PIT LOG

TP69

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 18/05/2021

Scale



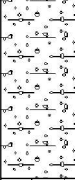
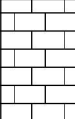
1:25

Ground Level 120.51m AOD

Coordinates E 454611.38 N 229112.86

Total Depth

2.20m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--|----|
| ES | 0.20 | | 120.21 | (0.30) 0.30 | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) |  | |
| D | 0.90 | | 119.31 | (0.90) 1.20 | M | Firm orangish brown very gravelly slightly sandy CLAY with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) |  | |
| D | 1.40 | | 118.71 | (0.60) 1.80 | H/VH | Light creamy brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) |  | |
| D | 1.80 | | 118.71 | 1.80 | | Moderately strong thinly bedded creamy brownish white LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to subrounded tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) |  | |
| B | 2.00 | | 118.31 | (0.40) 2.20 | | End of Trial Pit at 2.20m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP70

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 17/05/2021

Scale

1:25

Ground Level 120.09m AOD

Coordinates

E 454610.06 N 229041.98

Total Depth

2.00m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.10 | | 119.84 | (0.25) 0.25 | E | Soft dark brown slightly gravelly CLAY with rare cobbles and rare rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.40 | | | | | Orangish brown clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| LB | 0.80 | | | (1.25) | | | | |
| D | 1.40 | | 118.59 | 1.50 (0.30) | | Creamy whitish brown slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse subangular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.80 | | 118.29 | 1.80 | | Moderately strong thinly bedded creamy whitish brown LIMESTONE recovered as gravel, cobbles and boulders. Gravel is fine to coarse angular to subangular fossiliferous limestone. Cobbles are subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.80 | | 118.09 | (0.20) 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: | 2.00m |
| Width: | 0.60m |
| Logged: | KM |
| Checked: | AS |

TRIAL PIT LOG

TP71

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 17/05/2021

Scale

1:25

Ground Level 119.56m AOD

Coordinates

E 454608.65 N 228971.68

Total Depth

2.20m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.20 | | 119.26 | (0.30) 0.30 | E | Soft dark brown slightly gravelly CLAY with rare cobbles and rare rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.60 | | | (1.20) | E/M | Orangish brown slightly sandy very clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse subangular limestone. Cobbles are subangular limestone. Boulders are limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.10 | | | | | | | |
| D | 1.70 | | 118.06 | 1.50 (0.40) | M | Light creamy brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular tabular fossiliferous limestone. Cobbles are subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 2.00 | | 117.66 | 1.90 (0.30) | VH | Moderately strong thinly bedded creamy whitish brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of subangular to angular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 2.10 | | 117.36 | 2.20 | | End of Trial Pit at 2.20m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable.

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

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

TRIAL PIT LOG

TP72

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25










Ground Level 118.36m AOD

Coordinates

E 454608.94 N 228902.01

Total Depth

2.00m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

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

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

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

TRIAL PIT LOG

TP72A

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 02/06/2021

Scale

1:25

Ground Level 118.37m AOD

Coordinates E 454608.94 N 228902.01

Total Depth

1.90m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|------------------|------------------------------|-------------|--|--------|----|
| | | | 118.17 | (0.20) 0.20 | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded quartzite and limestone. Cobbles are angular to subrounded limestone. | | |
| | | | 117.87 | (0.30) 0.50 | E/M | (TOPSOIL) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. | | |
| | | | | (1.25) | M | Light orangish brown slightly clayey GRAVEL with frequent cobbles and rare to occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) <i>Below 1.20m bgl: becoming light creamy brownish white.</i> | | |
| | | | 116.62 116.47 | 1.75 (0.15) 1.90 | VH | Moderately strong thinly bedded creamy whitish brown fossiliferous LIMESTONE recovered as gravel, cobbles and boulders. Gravel, cobbles and boulders are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.90m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slight collapse of north wall

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

| | |
|-----------------|-------|
| Length: | 2.05m |
| Width: | 0.60m |
| Logged: | KM |
| Checked: | AS |

TRIAL PIT LOG

TP73

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25

Ground Level 116.72m AOD

Coordinates E 454609.08 N 228832.08

Total Depth

1.90m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.10 | | 116.42 | (0.30) 0.30 | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| B | 0.50 | | | | E/M | Orangish yellowish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 0.60 | | | | | Light creamy brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.20 | | 115.82 | (0.50) 0.90 | | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.50 | | 115.32 | (0.50) 1.40 | | | | |
| B | 1.80 | | 114.82 | 1.90 | | End of Trial Pit at 1.90m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP74

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale

1:25

Ground Level 114.90m AOD

Coordinates E 454609.19 N 228762.21

Total Depth

1.85m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|--------------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.40 | | 114.60 | (0.30) | E | Soft dark brown slightly gravelly slightly silty CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| | | | 114.40 | (0.20) | E | Soft reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (SUBSOIL) | | |
| D | 0.80 | | 114.00 | (0.40) | M | Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | (0.90) | M/H | Light creamy brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D B | 1.60 1.70 | | 113.10 | (0.90) | VH | Moderately weak thinly bedded brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) Moderately weak LIMESTONE - unable to penetrate. (WHITE LIMESTONE FORMATION) | | |
| | | | 113.07 | (0.03) | | | | |
| | | | 113.05 | (0.02) | | | | |
| | | | | 1.85 | | | | |
| | | | | | | End of Trial Pit at 1.85m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater at 1.60m bgl.

Stability: Stable

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

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

TRIAL PIT LOG

TP75

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25

Ground Level 114.22m AOD

Coordinates

E 454608.29 N 228692.15

Total Depth

1.55m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.30 | | 113.92 | (0.30) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.50 | | 113.78 | 0.30 (0.15) 0.45 | E | Soft reddish brown slightly silty slightly gravelly CLAY with occasional cobbles and rare roots and rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) | | |
| LB | 0.80 | | | (0.65) | M | Orangish yellowish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | ▼ |
| D | 1.40 | | 113.12 | 1.10 | M/H | Light creamy brownish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| LB | 1.40 | | 112.68 | (0.45) | | | | ▼ |
| | | | | | | End of Trial Pit at 1.55m | | |

Method: Wheeled backhoe excavator.

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

Stability: Stable

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

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

TRIAL PIT LOG

TP76

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 19/05/2021

Scale

1:25

Ground Level 114.15m AOD

Coordinates

E 454608.80 N 228619.57

Total Depth

1.80m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.10 | | 113.95 | (0.20) 0.20 | E | Soft dark brown slightly gravelly slightly silty CLAY with rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.80 | | 113.15 | (0.80) 1.00 | M/H | Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.40 | | 112.80 | (0.35) 1.35 | M/H | Firm orangish brown gravelly CLAY with occasional cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.60 | | 112.60 | (0.20) 1.55 | H | Light creamy brownish greyish white slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.70 | | 112.35 | (0.25) 1.80 | VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | ▲ |
| | | | | | | End of Trial Pit at 1.80m | | |

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 1.75m bgl

Stability: Sides collapsing in

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

Length:

Width: 0.60m

Logged: KM

Checked: AS

TRIAL PIT LOG

TP77

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 19/05/2021

Scale

1:25

Ground Level 114.01m AOD

Coordinates E 454596.75 N 228551.51

Total Depth

1.45m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.10 | | 113.71 | (0.30) 0.30 | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.70 | | 113.01 | (0.70) 1.00 | M/H | Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.30 | | 112.91 | (0.10) 1.10 | H/VH | Light creamy brownish white slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse subangular to subrounded limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.30 | | 112.56 | (0.35) 1.45 | VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | | | End of Trial Pit at 1.45m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Slight collapse of sides

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

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

TRIAL PIT LOG

TP78

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 24/05/2021

Scale

1:25

Ground Level 120.71m AOD

Coordinates E 454677.52 N 229253.72

Total Depth

2.60m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.30 | | 120.46 | (0.25) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.50 | | 120.31 | 0.25 (0.15) 0.40 | E | Soft to firm reddish brown slightly silty slightly gravelly CLAY with occasional cobbles and rare rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) | | |
| B | 0.70 | | | | | Creamy orangish brown clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders (up to 450mm) are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.50 | | | (1.60) | M/H | | | |
| D | 2.20 | | 118.74 | 2.00 | H | Light creamy greyish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 2.40 | | | (0.60) | VH | | | |
| | | | 118.11 | 2.60 | | End of Trial Pit at 2.60m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater encountered at 2.55m bgl.

Stability: Stable

Remarks: Terminated at 2.60m bgl due to competent strata. Trial pit backfilled with arisings on completion.

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

TRIAL PIT LOG

TP79

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 25/05/2021

Scale





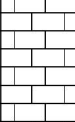
1:25

Ground Level 120.03m AOD

Coordinates E 454681.88 N 229190.42

Total Depth

1.95m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|---|----|
| ES | 0.10 | | | (0.30) | | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional to frequent rootlets. Gravel is fine to coarse subangular to subrounded quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL/MADE GROUND) |  | |
| | | | 119.73 | 0.30 | | | | |
| | | | 119.63 | (0.10) | | | | |
| | | | | 0.40 | | | | |
| D | 0.60 | | | | | Soft to firm reddish brown slightly silty slightly gravelly CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL/POSSIBLE MADE GROUND) |  | |
| LB | 0.90 | | | (1.10) | | Soft to firm greyish brown slightly mottled red slightly gravelly CLAY with rare cobbles. and rare to occasional fragments of decomposing wood. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone. (POSSIBLE MADE GROUND) |  | |
| D | 1.10 | | | | | <i>Between 0.40m and 0.80m bgl: on north side of pit- dark orangish brown slightly clayey gravel with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone.</i> |  | |
| D | 1.50 | | 118.53 | 1.50 | | Moderately strong thinly bedded light creamy brownish white LIMESTONE recovered as gravel, cobbles and boulders. Gravel is fine to coarse and angular to subangular. Cobbles and boulders are angular to subangular tabular and fossiliferous. (WHITE LIMESTONE FORMATION) |  | |
| B | 1.80 | | 118.08 | 1.95 | | | | |
| | | | | | | End of Trial Pit at 1.95m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

Remarks: Terminated at 1.95m bgl due to competent rock strength strata. Trial pit backfilled with arisings on completion.

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

TRIAL PIT LOG

TP80

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 04/06/2021

Scale

1:25

Ground Level 119.55m AOD

Coordinates

E 454674.76 N 229133.87

Total Depth

2.05m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.10 | | 119.35 | (0.20) 0.20 | E | Soft to firm dark brown slightly gravelly slightly silty CLAY with frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. (TOPSOIL) | | |
| B | 0.60 | | | (0.95) | M/H | Dark reddish orangish brown slightly clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 0.80 | | | | | | | |
| | | | 118.40 | 1.15 | | Light creamy brownish white clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | (0.90) | | | | |
| B | 1.90 | | | | | | | |
| D | 1.90 | | 117.50 | 2.05 | | At 2.05m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 2.05m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP81

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 17/05/2021

Scale


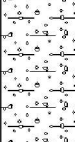

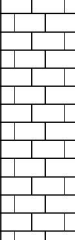
1:25

Ground Level 119.50m AOD

Coordinates E 454680.12 N 229042.26

Total Depth

2.00m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP82

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 17/05/2021

Scale





1:25

Ground Level 119.10m AOD

Coordinates E 454679.24 N 228971.36

Total Depth

1.00m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|---|----|
| ES | 0.10 | | | (0.25) | E | Soft dark brown slightly gravelly CLAY with rare rootlets near surface and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. |  | |
| | | | 118.85 | 0.25 | E/M | (TOPSOIL) | | |
| | | | 118.70 | (0.15) | | Soft dark reddish brown slightly gravelly slightly silty CLAY with rare cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular limestone. |  | |
| D | 0.50 | | | 0.40 | M | (SUBSOIL) | | |
| | | | | (0.35) | | Soft to firm orangish brown gravelly CLAY with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone. |  | |
| D | 0.80 | | 118.35 | 0.75 | | (WHITE LIMESTONE FORMATION) | | |
| B | 0.90 | | | (0.25) | | Yellowish orange brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded tabular limestone. Cobbles are subangular to angular limestone. |  | |
| | | | 118.10 | 1.00 | | (WHITE LIMESTONE FORMATION) | | |
| | | | | | | End of Trial Pit at 1.00m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length: 2.00m

Width: 0.60m

Logged: KM

Checked: AS

TRIAL PIT LOG

TP83

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 17/05/2021

Scale

1:25

Ground Level 118.51m AOD

Coordinates E 454680.06 N 228902.39

Total Depth

2.20m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.30 | | 118.26 | (0.25) | E | Soft dark brown slightly gravelly CLAY with rare cobbles and rare rootlets near surface. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.50 | | 118.01 | (0.25) | M | Soft reddish brown slightly gravelly CLAY with rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are limestone. (SUBSOIL) | | |
| B | 0.70 | | | (0.60) | M/H | Orangish yellowish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.30 | | 117.41 | 1.10 | | Creamy whitish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to angular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.70 | | 116.91 | (0.50) | H | | | |
| | | | 116.91 | 1.60 | | Moderately strong thinly bedded creamy whitish brown fossiliferous LIMESTONE recovered as fine to coarse angular to subangular tabular gravel, cobbles and boulders of angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | 116.91 | (0.60) | VH | | | |
| | | | 116.31 | 2.20 | | End of Trial Pit at 2.20m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP84

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25

Ground Level 117.43m AOD

Coordinates

E 454683.13 N 228830.69

Total Depth

0.90m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.20 | | 117.13 | (0.30) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.40 | | 116.73 | (0.40) | M/H | Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 0.80 | | 116.53 | (0.20) | VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 0.80 | | 116.53 | 0.90 | | End of Trial Pit at 0.90m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP85

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25









Ground Level 115.99m AOD

Coordinates

E 454678.71 N 228762.03

Total Depth

1.70m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|---|----|
| ES | 0.10 | | 115.74 | (0.25) 0.25 | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) |  | |
| LB | 0.50 | | | | | |  | |
| D | 0.60 | | | (0.65) | E/M | Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) |  | |
| | | | 115.09 | 0.90 | | |  | |
| D | 1.20 | | | (0.60) | 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) |  | |
| | | | 114.49 | 1.50 | | |  | |
| B | 1.60 | | | (0.20) | | |  | |
| D | 1.60 | | 114.29 | 1.70 | VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) |  | |
| | | | | | | End of Trial Pit at 1.70m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP86

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale




1:25

Ground Level 114.59m AOD

Coordinates E 454678.89 N 228691.68

Total Depth

1.40m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|---|----|
| ES | 0.20 | | 114.29 | (0.30) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) |  | |
| D | 0.40 | | | 0.30 | | | | |
| | | | | (0.70) | M/H | Light orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) |  | |
| B | 0.90 | | 113.59 | 1.00 | | | | |
| | | | | (0.40) | H/VH | Moderately strong thinly bedded creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) |  | ▼ |
| D | 1.30 | | 113.19 | 1.40 | | | | |
| | | | | | | End of Trial Pit at 1.40m | | |

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 1.30m bgl.

Stability: Stable

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

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

TRIAL PIT LOG

TP87

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 19/05/2021

Scale

1:25

Ground Level 113.68m AOD

Coordinates

E 454678.91 N 228623.63

Total Depth

2.20m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|--------------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.20 | | 113.38 | (0.30) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.50 | | 113.28 | (0.10) (0.40) | | Soft reddish brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (SUBSOIL) | | |
| D | 1.10 | | | (1.20) | | Orangish yellowish brown slightly clayey slightly sandy GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.80 | | 112.08 | 1.60 | | Moderately weak to moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to subrounded tabular limestone. Gravel noted to be slightly clayey. (WHITE LIMESTONE FORMATION) | | ▼ |
| B D | 2.10 2.10 | | 111.48 | 2.20 | | End of Trial Pit at 2.20m | | |

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 1.85m bgl

Stability: Stable

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

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS

TRIAL PIT LOG

TP88

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 19/05/2021

Scale

1:25

Ground Level 112.19m AOD

Coordinates E 454668.85 N 228552.27

Total Depth

1.40m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|---------------------------|--------------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.40 | | 111.94 | (0.25) | E | Soft dark brown slightly gravelly slightly silty CLAY with rare to occasional rootlets and rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| | | | 111.59 | (0.35) | E | Soft dark reddish brown slightly silty slightly gravelly CLAY with rare to occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular to subrounded limestone. (SUBSOIL) | | |
| D | 0.70 | | | (0.60) | | Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | (0.55) | M | | | |
| B D | 1.30 1.30 | | 111.04 | (1.15) | VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to subrounded tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | 110.79 | (1.40) | | | | |
| End of Trial Pit at 1.40m | | | | | | | | |

Method: Wheeled backhoe excavator.

Groundwater: Seepage at 1.10m bgl

Stability: Unstable 0.6m to 1.15m bgl

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

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

TRIAL PIT LOG

TP88A

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 02/06/2021

Scale

1:25

Ground Level 112.19m AOD

Coordinates

E 454668.85 N 228552.27

Total Depth

1.45m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| | | | 111.94 | (0.25) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. | | |
| | | | 111.79 | (0.15) 0.40 | E/M | (TOPSOIL) Soft to firm reddish brown slightly silty slightly gravelly CLAY. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. | | |
| | | | | (0.40) | H | (SUBSOIL) Dark orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. | | |
| | | | 111.39 | 0.80 | | (WHITE LIMESTONE FORMATION) Yellowish brown slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. | | |
| | | | | (0.65) | H/VH | (WHITE LIMESTONE FORMATION) | | |
| | | | 110.74 | 1.45 | | At 1.45m bgl: moderately strong LIMESTONE - unable to penetrate. End of Trial Pit at 1.45m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater at 1.40m bgl.

Stability: Stable

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

| | |
|-----------------|-------|
| Length: | 2.15m |
| Width: | 0.60m |
| Logged: | KM |
| Checked: | AS |

TRIAL PIT LOG

TP89

Project Land adjacent to Junction 10, M40, Ardley

Project No. AG3268-21

Client Albion Land Ltd

Sheet 1 of 1

Date 21/05/2021

Scale 1:25

Ground Level 111.69m AOD **Coordinates** E 454693.07 N 228505.24

Total Depth 1.30m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.10 | | 111.39 | (0.30) | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.40 | | 110.99 | (0.40) | M | Dark orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| LB | 0.80 | | 110.69 | (0.30) | M/H | Light yellowish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | ▼ |
| B | 1.20 | | 110.39 | (0.30) | H/VH | Moderately strong creamy yellowish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| | | | | | | End of Trial Pit at 1.30m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater at 0.90m bgl.

Stability: Stable

Remarks: Terminated due to high groundwater level preventing view of base of excavation. Trial pit backfilled with arisings on completion.

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

TRIAL PIT LOG

TP90

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 04/06/2021

Scale

1:25





Ground Level 118.14m AOD

Coordinates

E 454748.92 N 228902.22

Total Depth

1.00m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|---|----|
| ES | 0.10 | | 117.94 | (0.20) | E | Soft to firm dark brown slightly silty slightly gravelly CLAY with occasional rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone. Cobbles are angular to subrounded limestone. |  | |
| D | 0.30 | | 117.74 | (0.20) | M | (TOPSOIL) Orangish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. |  | |
| D | 0.60 | | 117.39 | (0.35) | M/H | (WHITE LIMESTONE FORMATION) Dark greyish brown mottled orange clayey GRAVEL with frequent cobbles and occasional to frequent shell fragments. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. |  | |
| B | 0.90 | | 117.14 | (0.25) | H/VH | (WHITE LIMESTONE FORMATION) Light creamy brownish white slightly clayey GRAVEL with frequent cobbles and rare boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. |  | |
| D | 0.90 | | 117.14 | 1.00 | | (WHITE LIMESTONE FORMATION) End of Trial Pit at 1.00m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP91

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 17/05/2021

Scale

1:25

Ground Level 117.58m AOD

Coordinates E 454748.97 N 228831.69

Total Depth

2.20m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|---|--------|----|
| ES | 0.10 | | 117.38 | (0.20) 0.20 | E | Soft dark brown slightly gravelly CLAY with occasional cobbles. Gravel is fine to coarse subangular to subrounded limestone and quartzite. Cobbles are subangular limestone. (TOPSOIL) | | |
| D | 0.60 | | 116.73 | (0.65) 0.85 | M | Orangish brown clayey GRAVEL with frequent cobbles. Gravel is fine to coarse subangular to subrounded limestone. Cobbles are subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.30 | | 116.18 | (0.55) 1.40 | M/H | Light yellowish brown slightly sandy slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular tabular limestone. Cobbles are subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.80 | | | (0.80) 2.00 | VH | Moderately strong thinly bedded fossiliferous creamy whiteish brown LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse subangular to angular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 2.00 | | 115.38 | 2.20 | | End of Trial Pit at 2.20m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP92

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 20/05/2021

Scale

1:25

Ground Level 117.14m AOD

Coordinates

E 454748.54 N 228774.06

Total Depth

2.15m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP93

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 17/05/2021

Scale


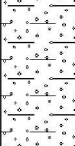
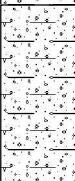
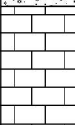
1:25

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.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale






1:25

Ground Level 114.88m AOD

Coordinates E 454736.43 N 228621.75

Total Depth

2.00m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|---|----|
| ES | 0.10 | | 114.68 | (0.20) 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) | 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) |  | |
| | | | | (0.75) | | | | |
| D | 1.50 | | 113.48 | 1.40 | | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) |  | |
| B | 1.80 | | 112.88 | (0.60) 2.00 | VH | |  | |
| | | | | | | End of Trial Pit at 2.00m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length: 2.20m

Width: 0.60m

Logged: KM

Checked: AS

TRIAL PIT LOG

TP95

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 21/05/2021

Scale

1:25

Ground Level 113.68m AOD

Coordinates

E 454731.75 N 228551.63

Total Depth

1.50m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.10 | | 113.43 | (0.25) 0.25 | E | Soft dark brown slightly silty slightly gravelly CLAY with occasional cobbles and occasional rootlets. Gravel is fine to coarse subangular to subrounded quartzite and limestone. Cobbles are subangular to subrounded limestone. (TOPSOIL) | | |
| D | 0.50 | | 113.03 | (0.40) 0.65 | E/M | Dark brownish orange clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.10 | | | (0.65) | H | Creamy yellowish brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 1.30 | | 112.38 | 1.30 | VH | Moderately strong thinly bedded creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.40 | | 112.18 | 1.50 | | | | |
| | | | | | | End of Trial Pit at 1.50m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP96

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 116.41m AOD

Coordinates

E 454859.84 N 228738.94

Total Depth

1.20m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP97

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 28/05/2021

Scale

1:25


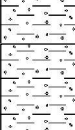

Ground Level 115.99m AOD

Coordinates

E 454847.90 N 228683.56

Total Depth

1.10m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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

TRIAL PIT LOG

TP98

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 28/05/2021

Scale

1:25

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

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

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Date 28/05/2021

Scale

1:25

Ground Level 114.12m AOD

Coordinates

E 454823.02 N 228549.44

Total Depth

2.00m

| Sample / Test Type | Depth (m) | Result | Level (mAoD) | Strata Depth (thickness) (m) | Ease of Dig | Description of Strata | Legend | GW |
|--------------------|-----------|--------|--------------|------------------------------|-------------|--|--------|----|
| ES | 0.10 | | 113.92 | (0.20) | E M | Soft to firm dark brown slightly gravelly slightly silty CLAY with occasional to frequent rootlets and occasional cobbles. Gravel is fine to coarse angular to subrounded limestone and quartzite. Cobbles are angular to subrounded limestone and quartzite. (TOPSOIL) | | |
| D | 0.40 | | 113.37 | (0.55) | | Dark orangish brown clayey GRAVEL with frequent cobbles and occasional boulders. Gravel is fine to coarse angular to subangular limestone. Cobbles and boulders are angular to subangular tabular fossiliferous limestone. (WHITE LIMESTONE FORMATION) | | |
| D | 0.90 | | | 0.75 | H | Moderately strong creamy brownish white fossiliferous LIMESTONE recovered as gravel, cobbles and boulders of fine to coarse, angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.00 | | | (0.85) | | | | |
| D | 1.60 | | 112.52 | 1.60 | | Light grey creamy brown slightly clayey GRAVEL with frequent cobbles. Gravel is fine to coarse angular to subangular limestone. Cobbles are angular to subangular tabular limestone. (WHITE LIMESTONE FORMATION) | | |
| B | 1.80 | | 112.12 | (0.40) | | | | |
| | | | | 2.00 | | At 2.00m bgl: band of moderately strong limestone - unable to penetrate. End of Trial Pit at 2.00m | | |

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

Length: 2.40m

Width: 0.60m

Logged: KM

Checked: AS

TRIAL PIT LOG

TP100

Project Land adjacent to Junction 10, M40, Ardley

Project No.

AG3268-21

Client Albion Land Ltd

Sheet

1 of 1

Date 28/05/2021

Scale

1:25

Ground Level 112.66m AOD

Coordinates E 454821.73 N 228476.62

Total Depth

1.80m

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

Method: Wheeled backhoe excavator.

Groundwater: Groundwater not encountered.

Stability: Stable

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

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