APPENDIX 2

TRIAL PIT RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Completed: 22/11/2024
Method Used: 180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP01

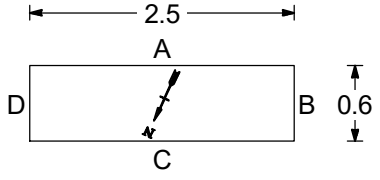
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
0.20	J1		TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel is fine subrounded flint.	0.30 (1.66)	TS	
1.00	B1 J2		Loose red brown clayey medium SAND and fine to medium subrounded to subangular flint and sandstone. Contains patches of sandy clay.	1	SUPERFICIAL DEPOSITS	
1.60	D1		Medium dense light brown slightly clayey fine to coarse SAND and fine to coarse subrounded to subangular GRAVEL of flint and sandstone.	1.50 (0.46)		
				2		
				2.30 (-0.34)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 2.2m bgl.

Surface Elevation Level:
1.957 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.3m bgl.
Some side wall instability below 2.1m following encountering groundwater.
Roots down to 0.6m.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Completed: 22/11/2024
Method Used: 180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP02

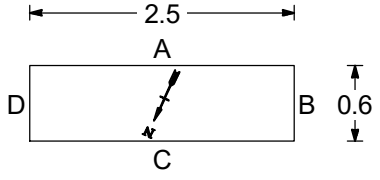
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
			TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel is fine subrounded flint.	0.40 (1.56)	TS	
0.50	J1		Red brown gravelly very clayey fine to coarse SAND. Gravel is fine to coarse subrounded to subangular flint and sandstone.	0.90 (1.06)	SUPERFICIAL DEPOSITS	
1.00	J2		Firm light brown slightly gravelly sandy CLAY. Gravel is fine to coarse subrounded to subangular flint and sandstone. Contains patches of very clayey sand.	1		
1.10	SV	60/50/50 kPa		1.60 (0.36)		
1.70	D1		Medium dense brown clayey very sandy fine to coarse subrounded to subangular GRAVEL of flint and sandstone.	2		
				2.30 (-0.34)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 2.1m bgl.

Surface Elevation Level:
1.959 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.3m bgl.
Some side wall instability below 1.6m, following encountering groundwater.
Roots to 1.0m depth.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client:	Allison Homes
Project Title:	Cloot Drove, Crowland
Project No:	BRD4519
Logged By:	L Chippington
Date Completed:	22/11/2024
Method Used:	180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP03

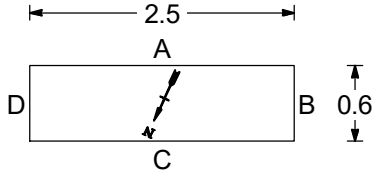
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
			TOPSOIL: Dark brown slightly gravelly organic fine sand. Gravel is fine subrounded flint.	0.30 (1.64)	TS	
0.50	J1		Loose red brown and light brown very gravelly very clayey medium SAND. Gravel is fine to course subrounded to subangular flint and sandstone. Contains patches of sandy clay.	1	SUPERFICIAL DEPOSITS	
1.00	J2					
				2		
2.20	D1		Medium dense brown slightly clayey very sandy GRAVEL of fine to course subrounded to subangular flint and sandstone.	2.10 (-0.17)		
				2.60 (-0.67)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 2.2m bgl.

Surface Elevation Level:
1.935 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.6m bgl.
Some side wall instability below 2.1m, following encountering groundwater.
No roots.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

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Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Completed: 22/11/2024
Method Used: 180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP04

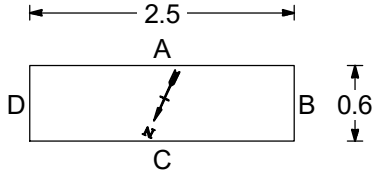
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
0.20	J1		TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel is fine subrounded flint.	0.30 (1.66)	TS	
			Light grey very clayey fine SAND.	0.60 (1.36)	SUPERFICIAL DEPOSITS	
1.00	J2		Loose red brown very clayey gravelly fine to medium SAND. Gravel of fine to course subrounded to subangular flint. Contains some patches of sandy clay.	1		
1.70	D1			2		
2.30	D2		Medium dense light brown fine to coarse SAND and fine to course subrounded to subangular GRAVEL of flint and sandstone.	2.10 (-0.14)		
				2.70 (-0.74)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 2.5m bgl.

Surface Elevation Level:
1.956 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.7m bgl.
Some side wall instability below 2.1m, following encountering groundwater.
No roots.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

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Email: info@brduk.com

TRIAL PIT RECORD

Client:	Allison Homes
Project Title:	Cloot Drove, Crowland
Project No:	BRD4519
Logged By:	L Chippington
Date Completed:	22/11/2024
Method Used:	180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP05

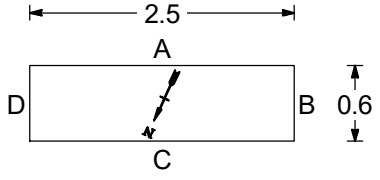
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
0.20	J1		TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel is fine subrounded flint.	0.30 (1.50)	TS	
			Light grey very clayey fine SAND.	0.60 (1.20)	SUPERFICIAL DEPOSITS	
1.00	B1		Loose red brown very clayey very gravelly medium SAND. Gravel is fine to medium subrounded to subangular flint and sandstone. Contains patches of sandy clay.	1		
1.30	SV D1	90/100/100 kPa	Stiff grey brown slightly gravelly slightly sandy CLAY. Gravel is fine subrounded to subangular flint.	1.20 (0.60)		
			1.70 m: Sandy below 1.7m depth.	2		
			Medium dense red brown sandy GRAVEL of fine to coarse subrounded to subangular flint and sandstone.	2.10 (-0.30)		
				2.60 (-0.80)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 2.3m bgl.

Surface Elevation Level:
1.796 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.6m bgl.
Some side wall instability below 2.1m, following encountering groundwater.
Roots down to 1.3m depth.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
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TRIAL PIT RECORD

Client:	Allison Homes
Project Title:	Cloot Drove, Crowland
Project No:	BRD4519
Logged By:	L Chippington
Date Completed:	21/11/2024
Method Used:	180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP06

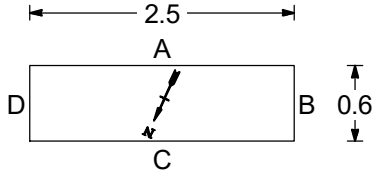
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
0.20	J1		TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.30 (1.11)	TS	
0.70	D1		Firm grey brown slightly gravelly sandy CLAY. Gravel of fine to medium subrounded to subangular flint.		SUPERFICIAL DEPOSITS	
0.80	SV	40/50/45 kPa		1		
1.10	D2		Medium dense orange brown slightly clayey gravelly medium SAND. Gravel is fine to medium subangular flint.	1.00 (0.41)		
1.80	D3			2		
				2.50 (-1.09)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 2m bgl.

Surface Elevation Level:
1.41 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.5m bgl.
Some side wall instability below 1.5m, following encountering groundwater.
Roots down to 0.7m depth.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
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TRIAL PIT RECORD

Client:	Allison Homes
Project Title:	Cloot Drove, Crowland
Project No:	BRD4519
Logged By:	L Chippington
Date Completed:	21/11/2024
Method Used:	180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP07

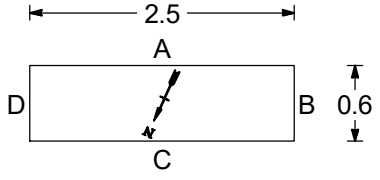
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
			TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.30 (1.18)	TS	
0.50	J1		Light brown very clayey fine to medium SAND.	0.70 (0.78)	SUPERFICIAL DEPOSITS	
1.00	SV J2	70/65/80 kPa	Firm grey brown slightly gravelly sandy CLAY. Gravel of fine to medium subrounded to subangular flint.	1.30 (0.18)		
			Medium dense brown medium SAND.	2.60 (-1.12)		

Pit Stability: Pit sides collapsed on encountering groundwater
Groundwater: Ingress at 2.1m bgl.

Surface Elevation Level:
1.482 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.6m bgl.
No roots.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Completed: 21/11/2024
Method Used: 180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP08

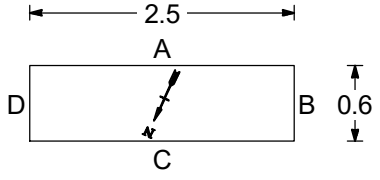
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
			TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.		TS	
0.50	J1		Soft grey brown slightly gravelly sandy CLAY. Gravel of medium subangular flint.	0.50 (0.69)	SUPERFICIAL DEPOSITS	
1.00	B1		Loose brown clayey medium SAND and fine to medium subrounded to subangular GRAVEL of flint.	0.90 (0.29) 1		
1.60	D1		Firm grey slightly gravelly sandy CLAY. Gravel is fine to medium subrounded to subangular chalk and flint. Contains patches of clayey sand.	1.50 (-0.31)		
2.00	SV	50/50/50 kPa		2		
			Medium dense grey clayey very sandy GRAVEL of fine to coarse subrounded to subangular flint and sandstone. Contains some organic material.	2.80 (-1.61) 3 3.00 (-1.81)		
				4		

Pit Stability: Generally stable throughout
Groundwater: Ingress at 2.8m bgl.

Surface Elevation Level:
1.19 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 3m bgl.
Roots down to 0.6m depth.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Completed: 21/11/2024
Method Used: 180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP09

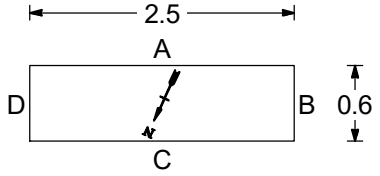
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
0.20	J1		TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.30 (0.76)	TS	
0.50	D1		Soft red brown and grey slightly gravelly sandy CLAY. Gravel of fine to coarse subrounded to subangular flint and sandstone.		SUPERFICIAL DEPOSITS	
0.80	SV	35/35/35 kPa		1 1.00 (0.06)		
1.20	SV D2	60/55/70 kPa	Firm grey brown slightly sandy CLAY. Contains patches of clayey sand.	2 2.00 (-0.94)		
			Medium dense brown very sandy fine to coarse subrounded to subangular GRAVEL of flint and sandstone.	2.50 (-1.44)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 2.10m bgl.

Surface Elevation Level:
1.059 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.50m bgl.
Pit sides collapsed below 1.90m, following encountering groundwater.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client:	Allison Homes
Project Title:	Cloot Drove, Crowland
Project No:	BRD4519
Logged By:	L Chippington
Date Completed:	21/11/2024
Method Used:	180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP10

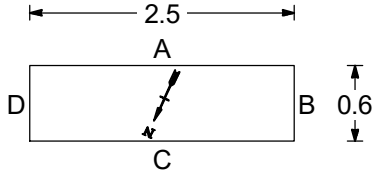
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
			TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.40 (0.83)	TS	
0.50	J1		LIght grey very clayey fine SAND.	0.80 (0.43)	SUPERFICIAL DEPOSITS	
1.00	J2		Loose red brown slightly clayey very sandy GRAVEL of fine to coarse subrounded to subangular flint and sandstone.	1.90 (-0.68)		
2.00	D1		Medium dense light brown fine to medium SAND.	2.80 (-1.58)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 2.00m bgl.

Surface Elevation Level:
1.225 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.80m bgl.
Pit sides collapsed below 1.50m, following encountering groundwater.
Roots down to 0.6m depth.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Completed: 21/11/2024
Method Used: 180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP11

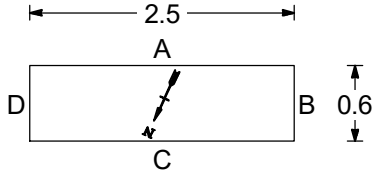
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
			TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.30 (0.95)	TS	
0.50	J1		Firm red brown slightly gravelly slightly sandy CLAY. Gravel of fine to course subrounded to subangular flint.	0.80 (0.45)	SUPERFICIAL DEPOSITS	
1.00	B1		Loose brown slightly clayey very sandy fine to medium subrounded to subangular GRAVEL of flint and sandstone. Contains occasional cobbles.	1.90 (-0.65)		
2.10	D1		Loose light brown with patches of grey very clayey gravelly fine SAND. Gravel of fine subrounded chalk. Grey patches are organic.	2.70 (-1.45)		

Pit Stability: See General Remarks
Groundwater: Ingress at 1.80m bgl.

Surface Elevation Level:
1.253 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.70m bgl.
Pit sides collapsed below 1.50m, following encountering groundwater.
Roots down to 0.6m depth.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Completed: 21/11/2024
Method Used: 180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP12

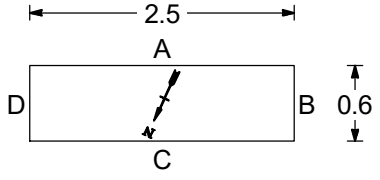
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
0.20	J1		TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.30 (0.78)	TS	
1.00	SV D1	60/70/65 kPa	Firm red brown slightly sandy slightly gravelly CLAY. Contains patches of clayey sand.	1	SUPERFICIAL DEPOSITS	
1.70	D2			2		
2.10	B1		Medium dense brown clayey medium SAND and fine to medium subrounded to subangular GRAVEL of flint and sandstone.	2.00 (-0.92)		
				2.80 (-1.72)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 2.30m bgl.

Surface Elevation Level:
1.083 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.80m bgl.
Pit sides collapsed below 2.00m, following encountering groundwater.
Roots down to 0.8m depth.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Completed: 21/11/2024
Method Used: 180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP13

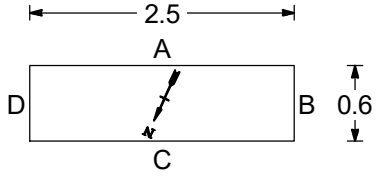
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
0.20	J1		TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.30 (0.69)	TS	
			Light grey very clayey fine sand	0.70 (0.29)	SUPERFICIAL DEPOSITS	
1.00	SV B1	60/55/50 kPa	Firm red brown slightly gravelly very sandy CLAY. Gravel of fine to medium subrounded to subangular flint. Contains patches of clayey sand.	1		
1.80	D1		Medium dense orange brown slightly clayey very sandy fine to coarse subrounded to subangular GRAVEL of flint and sandstone.	1.40 (-0.41)		
				2		
				2.10 (-1.11)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 1.50m bgl.

Surface Elevation Level:
0.987 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.10m bgl.
Pit sides collapsed below 1.50m, following encountering groundwater.
Roots down to 0.8m depth.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Completed: 21/11/2024
Method Used: 180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP14

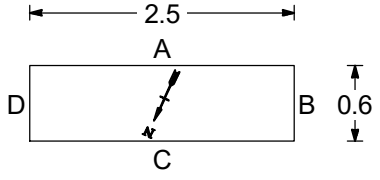
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
			TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.40 (0.61)	TS	
0.50	J1		Light grey very clayey fine SAND.	0.80 (0.21)	SUPERFICIAL DEPOSITS	
1.00	J2		Medium dense orange brown slightly clayey very sandy fine to coarse subrounded to subangular GRAVEL of flint and sandstone.	1		
1.80	D1			2		
				2.10 (-1.09)		
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 1.80m bgl.

Surface Elevation Level:
1.012 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.10m bgl.
Pit sides collapsed below 1.8m, following encountering groundwater.
No roots.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

TRIAL PIT RECORD

Client:	Allison Homes
Project Title:	Cloot Drove, Crowland
Project No:	BRD4519
Logged By:	L Chippington
Date Completed:	21/11/2024
Method Used:	180° Backhoe excavator (JCB 3CX type)

Trial Pit No.

TP15

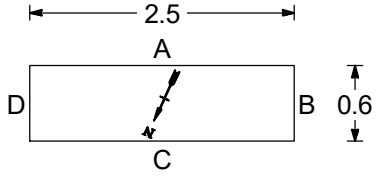
Sheet 1 of 1

Samples & Tests			Description of Strata	Depth / (Level)	Geology	Legend
Depth	Type & No	Value				
			TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.30 (0.70)	TS	
0.50	J1		Grey very clayey fine SAND.	0.60 (0.40)	SUPERFICIAL DEPOSITS	
1.00	D1		Medium dense orange brown clayey very sandy fine to coarse subrounded to subangular GRAVEL of flint and sandstone.	1		
1.50	D2			2	2.00 (-1.00)	
				3		
				4		

Pit Stability: See General Remarks
Groundwater: Ingress at 1.80m bgl.

Surface Elevation Level:
0.997 mAOD

Plan of Trial Pit:



General Remarks:
Trial pit terminated at 2.00m bgl.
Pit sides collapsed below 1.30m, following encountering groundwater.
No roots.
Relative density based on visual assessment only.

All dimensions in metres
Log Scale 1:25

Telephone: 01295 272244
Email: info@brduk.com

Trial Pit Photographs

TP01





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP02





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
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Trial Pit Photographs

TP03





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP04





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
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Trial Pit Photographs

TP05





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP06





Project Title: Cloot Drove, Crowland
Client: Allison Homes
BRD Reference: BRD4519-OP3-A
Date Issued: November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP07





Project Title: Cloot Drove, Crowland
Client: Allison Homes
BRD Reference: BRD4519-OP3-A
Date Issued: November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP08





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP09





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP10





Project Title: Cloot Drove, Crowland
Client: Allison Homes
BRD Reference: BRD4519-OP3-A
Date Issued: November 2024

BRD
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Trial Pit Photographs

TP11





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP12





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP13





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
01295 272244
info@brduk.com

Trial Pit Photographs

TP14





Project Title:	Cloot Drove, Crowland
Client:	Allison Homes
BRD Reference:	BRD4519-OP3-A
Date Issued:	November 2024

BRD
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Trial Pit Photographs

TP15



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PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 18/11/2024
Date Completed: 18/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS01

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
0.20	J1			TOPSOIL: Dark brown gravelly very clayey organic fine sand. Gravel of fine to coarse subangular flint.	0.40 (1.79)		TOPSOIL	
0.50	D1			Light brown gravellly very clayey fine to medium SAND. Gravel of fine to medium subangular flint.	1.0 1.00 (1.19)		SUPERFICIAL DEPOSITS	
1.00	SPT	12 N						
1.00	D2		▼1	Soft grey mottled brown slightly gravelly sandy CLAY. Gravel of fine to coarse subrounded to subangular flint. 1.00 m: SPT: 1,2/2,3,3,4				
1.50	PEN	1 kg/cm²						
1.75	PEN	1.5 kg/cm²						
1.80	D3							
2.00	SPT	7 N			2.0			
2.00	PEN	2 kg/cm²		2.00 m: SPT: 1,1/2,1,2,2				
2.50	PEN	1 kg/cm²						
				Loose, orange brown very sandy fine to coarse subrounded to subangular GRAVEL of flint.	2.80 -(0.62)			
3.00	SPT	8 N			3.0			
3.00	D4			3.00 m: SPT: 3,4/2,2,2,2				
				Firm grey slightly sandy slightly gravelly CLAY. Gravel of fine to medium subrounded chalk.	3.60 -(1.42)			
3.80	D5							
4.00	SPT	19 N			4.0			
				4.00 m: SPT: 3,4/4,5,5,5				
					4.50			

General Remarks:
Borehole terminated at 4.50m bgl.
Roots to 0.80m.
Borehole stable.

Surface Elevation Level:
2.185 mAOD

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 18/11/2024
Date Completed: 18/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS02

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown gravelly very clayey organic fine sand. Gravel of fine to medium subrounded flint.	0.30 (1.68)		TS	
0.50	J1			Red brown clayey very sandy fine to coarse subrounded to subangular GRAVEL of sandstone and flint.	1.0 1.00 (0.98)		SUPERFICIAL DEPOSITS	
1.00	SPT	15 N						
1.00	D1			Firm brown slightly gravelly slightly sandy CLAY. Gravel of fine to coarse subrounded to subangular flint.				
1.20	PEN	1.5 kg/cm²		1.00 m: SPT: 1,1/2,3,5,5	1.50 (0.48)			
1.60	D2			Medium dense, orange brown slightly clayey fine to coarse SAND and fine to coarse subrounded to subangular GRAVEL of flint.				
2.00	SPT	14 N	▼	2.00 m: SPT: 2,2/2,4,4,4	2.0			
2.50	D3							
3.00	SPT	50 N		3.00 m: SPT: 7,8/12,13,13,12	3.0 3.00 -(1.02)			
					4.0			

General Remarks:
Borehole terminated at 3.00m bgl due to refusal.
No roots.
On completion the borehole collapsed in to 2.00m depth.

Surface Elevation Level:
1.98 mAOD

All dimensions in metres
Log Scale 1:25

BRD
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PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 18/11/2024
Date Completed: 18/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS03

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown gravelly very clayey organic fine sand. Gravel of fine to medium subrounded to subangular flint.			TOPSOIL	
0.50	J1				0.50 (1.43)			
				Soft light brown slightly gravelly slightly sandy CLAY. Gravel of fine to coarse subrounded to subangular flint.				
0.80	PEN	1 kg/cm²	▼					
1.00	SPT	4 N			1.0			
1.00	D1			1.00 m: SPT: 0,0/1,1,1,1				
1.20	PEN	1 kg/cm²						
					1.50 (0.43)			
1.60	D2			Loose, brown clayey gravelly fine to medium SAND. Gravel of fine to coarse subrounded to subangular flint.			SUPERFICIAL DEPOSITS	
2.00	SPT	10 N		2.00 m: SPT: 2,2/2,1,3,4 2.00 m: Becoming medium dense below 2.00m depth.	2.0			
					2.60 -(0.67)			
2.70	D3			Dense, brown sandy fine to coarse subangular to subrounded GRAVEL of flint and sandstone.				
3.00	SPT	50 N		3.00 m: SPT: 7,7/12,13,13,12	3.0			
					3.00 -(1.07)			
					4.0			

General Remarks:
Borehole terminated at 3.00m bgl due to refusal.
Roots to 0.50m.
On completion the borehole collapsed in to 2.70m depth.

Surface Elevation Level:
1.932 mAOD

All dimensions in metres
Log Scale 1:25

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Email: info@brduk.com

PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 18/11/2024
Date Completed: 18/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS04

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine to medium subrounded flint.	0.40 (1.85)		TOPSOIL	
0.50	J1			Brown clayey fine to coarse SAND and fine to coarse subrounded to subangular GRAVEL of flint.	1.0 1.00 (1.25)		SUPERFICIAL DEPOSITS	
1.00	SPT	8 N						
1.00	J2			Soft brown slightly gravelly slightly sandy CLAY. Gravel is fine to coarse subrounded to subangular flint.				
1.20	PEN	1 kg/cm²		1.00 m: SPT: 1,0/0,1,3,4				
1.50	PEN	1.5 kg/cm²		1.50 m: Firm below 1.50m depth.	1.60 (0.65)			
				Medium dense, orange brown clayey fine to medium SAND.				
1.80	D1				2.0			
2.00	SPT	15 N		2.00 m: SPT: 2,2/2,2,5,6				
			▼		2.50 -(0.25)			
				Dense, orange brown sandy fine to coarse subrounded to subangular GRAVEL of flint and sandstone.				
2.70	D2				3.0 3.00 -(0.75)			
3.00	SPT	50 N		3.00 m: SPT: 3,3/12,15,12,11				
					4.0			

General Remarks:
Borehole terminated at 3.00m bgl due to refusal.
No roots.
Borehole stable.

Surface Elevation Level:
2.252 mAOD

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 18/11/2024
Date Completed: 18/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS05

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
0.10	J1			TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine to medium subrounded to subangular flint. 0.00 m: Dense below 3.00m depth.	0.30 (1.15)		TOPSOIL	
0.50	D1			Red brown clayey fine to coarse SAND and fine to coarse subrounded to subangular GRAVEL of flint.	0.80 (0.65)		SUPERFICIAL DEPOSITS	
0.90	PEN	2 kg/cm²		Firm brown mottled grey slightly gravelly slightly sandy CLAY. Gravel of fine to coarse subrounded to subangular flint.	1.0			
1.00	SPT	10 N		1.00 m: SPT: 1,2/2,3,2,3				
1.00	J2							
1.20	PEN	2 kg/cm²			1.40 (0.05)			
1.60	D2			Loose, Brown clayey fine to coarse SAND and fine to medium subrounded to subangular GRAVEL of flint and sandstone.				
2.00	SPT	9 N	▼1	2.00 m: SPT: 0,0/2,2,2,3	2.0			
2.50	D3							
3.00	SPT	31 N		3.00 m: SPT: 1,7/6,8,9,8	3.0			
4.00	SPT	50 N		4.00 m: SPT: 10,10/20,30 for 50mm	4.0 4.00 -(2.55)			

General Remarks:
Borehole terminated at 4.00m bgl.
No roots.
On completion the borehole collapsed to 2.50m depth.

Surface Elevation Level:
1.448 mAOD

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 19/11/2024
Date Completed: 19/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS06

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.30 (1.49)		TOPSOIL	
0.50	PEN J1	2 kg/cm²		Firm light brown slightly gravelly sandy CLAY. Gravel of fine to medium subrounded to subangular flint. Contains patches of clayey sand.				
0.75	PEN	2 kg/cm²						
1.00	SPT	8 N		1.00 m: SPT: 1,1/1,2,2,3	1.0			
1.00	PEN	2 kg/cm²						
1.00	J2							
1.25	PEN	2 kg/cm²						
					1.50 (0.29)			
1.60	D1		▼1	Medium dense, orange brown slightly gravelly slightly clayey fine to medium SAND. Gravel of fine subrounded flint.			SUPERFICIAL DEPOSITS	
2.00	SPT	17 N			2.0 2.00 -(0.21)			
2.20	D2			Medium dense, orange brown slightly clayey sandy fine to coarse subrounded to subangular GRAVEL of flint and sandstone. 2.00 m: SPT: 3,3/4,4,4,5				
3.00	SPT	24 N		3.00 m: SPT: 5,5/5,6,6,7	3.0			
4.00	SPT	18 N		4.00 m: SPT: 8,7/5,4,4,4	4.0 4.00 -(2.21)			

General Remarks:
Borehole terminated at 4.00m bgl.
Roots down to 0.50m.
On completion the borehole collapsed to 2.40m depth.

Surface Elevation Level:
1.786 mAOD

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 19/11/2024
Date Completed: 19/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS07

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.30 (1.55)		TOPSOIL	
0.50	J1			Soft, red brown mottled grey slightly gravelly sandy CLAY. Gravel of fine to medium subrounded to subangular flint.				
0.75	PEN	1.5 kg/cm²						
1.00	SPT	7 N			1.0			
1.00	J2	2		1.00 m: SPT: 1,1/2,1,2,2				
1.00	PEN	kg/cm²						
1.25	PEN	1.5 kg/cm²		1.25 m: Firm below 1.25m depth.				
1.50	PEN	2 kg/cm²			1.60 (0.25)			
				Medium dense, orange brown gravelly fine to medium SAND. Gravel is fine to medium subangular to subrounded flint.			SUPERFICIAL DEPOSITS	
1.80	D1		▼1					
2.00	SPT	15 N		2.00 m: SPT: 2,2/2,2,4,7	2.0			
					2.70 -(0.85)			
2.80	D2			Medium dense, brown fine to coarse SAND and fine to coarse subrounded to subangular GRAVEL of flint and sandstone.				
3.00	SPT	23 N		3.00 m: SPT: 7,6/5,6,6,6	3.0			
					3.70 -(1.85)			
				Dense, brown sandy fine to coarse subrounded to subangular GRAVEL of flint.	4.0			
4.00	SPT	34 N		4.00 m: SPT: 8,9/9,9,8,8	4.00 -(2.15)			

General Remarks:
Borehole terminated at 4.00m bgl.
Roots down to 1.50m.
On completion the borehole collapsed to 2.40m depth.

Surface Elevation Level:
1.848 mAOD

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 19/11/2024
Date Completed: 19/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS08

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel is fine subrounded flint.	0.40 (1.31)		TOPSOIL	
0.50	J1			Very soft light brown with some grey mottling slightly sandy CLAY.				
0.60	PEN	0.75 kg/cm²						
0.80	PEN	0.5 kg/cm²			1.0			
1.00	SPT	4 N		1.00 m: SPT: 1,1/1,1,1,1				
1.00	J2	0.5						
1.00	PEN	kg/cm²						
1.25	PEN	0.5 kg/cm²						
1.50	PEN	0.75 kg/cm²						
1.75	PEN	0.75 kg/cm²	▼1		1.80 -(0.09)			
				Loose, brown very sandy fine to medium subrounded to subangular GRAVEL of flint and sandstone.	2.0		SUPERFICIAL DEPOSITS	
2.00	SPT	9 N		2.00 m: SPT: 3,1/1,1,1,6				
2.50	D1							
3.00	SPT	16 N		3.00 m: SPT: 6,5/4,4,4,4	3.0			
				3.00 m: Medium dense below 3.00m depth.				
4.00	SPT	35 N		4.00 m: SPT: 8,7/9,9,9,8	4.0 4.00 -(2.29)			
				4.00 m: Dense at 4.00m depth.				

General Remarks:
Borehole terminated at 400m bgl.
No roots.
On completion the borehole collapsed to 2.40m depth.

Surface Elevation Level:
1.709 mAOD

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
Email: info@brduk.com

PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 19/11/2024
Date Completed: 19/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS09

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
0.20	J1			TOPSOIL: Dark brown slightly gravelly very clayey organic fine sand. Gravel of fine subrounded flint.	0.60 (0.45)		TOPSOIL	
0.80	PEN	0.25 kg/cm²		Very soft blue grey, slightly gravelly, slightly sandy slightly organic CLAY. Gravel is fine to medium, subangular to angular sandstone.	1.0		SUPERFICIAL DEPOSITS	
1.00	SPT	3 N						
1.00	J2			1.00 m: SPT: 0,0/0,1,1,1				
1.20	PEN	0.5 kg/cm²	▼					
1.50	PEN	0.25 kg/cm²						
1.80	PEN	0.75 kg/cm²			1.90 -(0.85)			
2.00	SPT	17 N		Medium dense, brown fine to coarse SAND and fine to medium subrounded to subangular GRAVEL of flint and sandstone. 2.00 m: SPT: 0,1/2,4,5,6	2.0			
2.50	D1							
3.00	SPT	31 N		3.00 m: SPT: 5,5/7,7,8,9 3.00 m: Dense below 3.00m depth.	3.0			
4.00	SPT	42 N		4.00 m: SPT: 10,10/10,10,10,12	4.00 -(2.95)			

General Remarks:
Borehole terminated at 4.00m bgl.
No roots.
On completion the borehole collapsed to 2.40m depth.

Surface Elevation Level:
1.054 mAOD

All dimensions in metres
Log Scale 1:25

BRD
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PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 20/11/2024
Date Completed: 20/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS10

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown, slightly gravelly, very clayey, organic fine sand. Gravel is fine, subrounded flint.			TOPSOIL	
0.50	J1				0.50 (1.41)			
				Light grey, clayey, fine SAND.				
0.90	PEN	4 kg/cm²			0.90 (1.01)			
1.00	SPT	13 N		Stiff, grey brown, slightly sandy CLAY.	1.0			
1.00	J2			1.00 m: SPT: 1,2/2,3,4,4				
1.25	PEN	4 kg/cm²						
1.50	PEN	3.5 kg/cm²						
1.50	D1		▼1					
1.75	PEN	3.5 kg/cm²						
2.00	SPT	9 N			2.0			
2.00	D2	3		2.00 m: SPT: 2,3/2,2,3,2				
2.00	PEN	kg/cm²		2.00 m: Firm below 2.00m depth				
2.25	PEN	2 kg/cm²						
					2.40 -(0.49)			
2.50	PEN	0.25 kg/cm²		Very soft, grey, silty, slightly organic CLAY.			SUPERFICIAL DEPOSITS	
2.50	D3							
2.75	PEN	0.25 kg/cm²						
3.00	SPT	26 N			3.0			
3.10	D4			Medium dense, brown, slightly gravelly, medium to coarse SAND. Gravel is fine, subangular flint.	3.00 -(1.09)			
				3.00 m: SPT: 1,2/6,8,6,6				
					3.60 -(1.69)			
				Dense, brown, very sandy, fine to medium, subrounded to subangular GRAVEL of flint and sandstone.				
4.00	SPT	30 N			4.0			
				4.00 m: SPT: 5,6/7,7,8,8	4.00 -(2.09)			

General Remarks:
Borehole terminated at 4.00m bgl.
Roots down to 2.00m bgl.
On completion the borehole collapsed to 3.50m depth.

Surface Elevation Level:
1.911 mAOD

All dimensions in metres
Log Scale 1:25

BRD
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Email: info@brduk.com

PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 20/11/2024
Date Completed: 20/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS11

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
0.20	J1			TOPSOIL: Dark brown, slightly gravelly, clayey, organic fine sand. Gravel is fine to medium, subrounded flint.	0.30 (0.99)		TS	
0.50	PEN	1 kg/cm²		Soft, red brown and grey, slightly sandy CLAY.			SUPERFICIAL DEPOSITS	
0.50	D1							
0.75	PEN	1 kg/cm²						
1.00	SPT	9 N		Firm, grey brown, slightly gravelly, slightly sandy CLAY. Gravel is fine to medium, subangular flint.	0.90 (0.39) 1.0			
1.00	J2	2		1.00 m: SPT: 1,1/2,2,2,3				
1.00	PEN	kg/cm²						
1.25	PEN	2 kg/cm²	▼					
1.50	PEN	2 kg/cm²						
1.60	D2							
1.75	PEN	2 kg/cm²						
2.00	SPT	4 N			2.0			
2.00	PEN	0.25 kg/cm²		Very soft, grey, slightly sandy CLAY.	2.00 -(0.71)			
2.25	PEN	0.25 kg/cm²		2.00 m: SPT: 1,1/1,1,1,1				
2.50	PEN	0.25 kg/cm²						
2.50	D3							
3.00	SPT	13 N		2.90 m: Slightly gravelly below 2.90m.	3.0			
				3.00 m: SPT: 4,4/4,4,3,2	3.00 -(1.71)			
					4.0			

General Remarks:
Borehole terminated at 3.00m bgl due to collapse.
Roots down to 1.50m.

Surface Elevation Level:
1.291 mAOD

All dimensions in metres
Log Scale 1:25

BRD
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PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 20/11/2024
Date Completed: 20/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS12

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown, slightly gravelly, very clayey, organic fine sand. Gravel is fine, subrounded flint.	0.30 (0.64)		TS	
0.50	J1			Grey brown, very clayey, fine SAND.	0.70 (0.24)		SUPERFICIAL DEPOSITS	
0.80	PEN	1.5 kg/cm²	▼1	Firm, red brown and grey, sandy CLAY.	1.0			
1.00	SPT	8 N		1.00 m: SPT: 1,2/2,2,2,2				
1.00	J2	1.5						
1.00	PEN	kg/cm²						
1.25	PEN	1.5 kg/cm²						
1.40	PEN	1 kg/cm²		1.40 m: Soft below 1.40m.				
1.75	PEN	1 kg/cm²			1.80 -(0.86)			
				Medium dense, brown, very sandy, fine to coarse, subrounded to subangular GRAVEL of flint.	2.0			
2.00	SPT	18 N		2.00 m: SPT: 3,4/4,4,5,5				
2.50	D1				2.80 -(1.86)			
				Very dense, grey, clayey, very sandy, fine to medium, subangular GRAVEL of flint.	3.0			
3.00	SPT	50 N		3.00 m: SPT: 9,10/13,13,14,10 for 50mm	3.00 -(2.06)			
					4.0			

General Remarks:
Borehole terminated at 3.00m bgl due to refusal.
On completion the borehole collapsed to 1.70m depth.
No roots recorded.

Surface Elevation Level:
0.939 mAOD

All dimensions in metres
Log Scale 1:25

BRD
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PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 20/11/2024
Date Completed: 20/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS13

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown, slightly gravelly, very clayey, organic fine sand. Gravel is fine, subrounded flint.	0.40 (0.97)		TOPSOIL	
0.50	PEN	1 kg/cm²		Soft, grey brown, slightly gravelly, sandy CLAY. Gravel is fine to coarse, subrounded to subangular flint. Contains patches of clayey sand.			SUPERFICIAL DEPOSITS	
0.50	J1							
0.75	PEN	1 kg/cm²						
0.90	PEN	1 kg/cm²						
0.90	D1				1.0			
1.00	SPT	8 N		1.00 m: SPT: 1,2/2,2,2,2				
			▼1	1.00 m: Firm below 1.00m depth.				
1.50	PEN	2 kg/cm²						
1.60	D2							
1.75	PEN	2.5 kg/cm²						
1.90	PEN	2 kg/cm²						
2.00	SPT	11 N		2.00 m: SPT: 1,1/1,2,4,4	2.0			
				Medium dense, brown, clayey, very sandy, fine to coarse, subrounded to subangular GRAVEL of flint and sandstone.	2.50 -(1.13)			
2.70	D3							
3.00	SPT	18 N		3.00 m: SPT: 7,5/5,3,5,5	3.0			
4.00	SPT	32 N		4.00 m: SPT: 8,8/8,8,8,8	4.0			
				4.00 m: Dense at 4.00m depth.	4.00 -(2.63)			

General Remarks:
Borehole terminated at 4.00m bgl due to refusal.
Roots down to 1.00m bgl.
On completion the borehole collapsed to 2.60m depth.

Surface Elevation Level:
1.374 mAOD

All dimensions in metres
Log Scale 1:25

BRD
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PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 20/11/2024
Date Completed: 20/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS14

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
				TOPSOIL: Dark brown, slightly gravelly, very clayey, organic fine sand. Gravel is fine, subrounded flint.	0.40 (1.36)		TS	
0.50	J1			Light grey, clayey, fine SAND.	0.80 (0.96)		SUPERFICIAL DEPOSITS	
1.00	SPT J2	13 N		Medium dense, red brown, very clayey, very sandy, fine to coarse, subangular to subrounded GRAVEL of flint. 1.00 m: SPT: 4,4/3,4,3,3	1.0			
1.50	D1		▼1					
1.80	D2			Dense, brown, very sandy, fine to coarse, subrounded to subangular GRAVEL of flint and sandstone.	1.70 (0.06)			
2.00	SPT	30 N		2.00 m: SPT: 6,6/7,7,8,8	2.0			
3.00	SPT	50 N		3.00 m: SPT: 8,8/12,13,13,12 for 50mm	3.0 3.00 -(1.24)			
					4.0			

General Remarks:
Borehole terminated at 3.00m bgl due to refusal.
Roots down to 1.20m.
On completion the borehole collapsed to 2.40m depth.

Surface Elevation Level:
1.76 mAOD

All dimensions in metres
Log Scale 1:25

BRD
Telephone: 01295 272244
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PROBEHOLE RECORD

Client: Allison Homes
Project Title: Cloot Drove, Crowland
Project No: BRD4519
Logged By: L Chippington
Date Commenced: 20/11/2024
Date Completed: 20/11/2024
Method Used: Windowless Percussive Sampling Rig

Borehole No.

WS15

Sheet 1 of 1

Samples & Tests			Water	Description of Strata	Depth / (Level)	Legend	Geology	Installation /Backfill
Depth	Type & No	Value						
0.20	J1			TOPSOIL: Dark brown, slightly gravelly, very clayey organic fine sand. Gravel is fine, subrounded flint.	0.40 (0.61)		TS	
0.50	PEN	1.5 kg/cm²		Firm, red brown to grey, slightly gravelly, slightly sandy CLAY. Gravel is fine to medium subrounded to angular flint and sandstone.			SUPERFICIAL DEPOSITS	
0.75	PEN	1.5 kg/cm²						
0.90	PEN	1.5 kg/cm²						
1.00	SPT J2	14 N		1.00 m: SPT: 1,1/2,4,4,4	1.0			
			▼1	Medium dense, orange brown, clayey, very sandy, fine to coarse, subrounded to subangular GRAVEL of flint and sandstone.	1.30 -(0.29)			
1.70	D1							
2.00	SPT	12 N		2.00 m: SPT: 2,4/3,3,3,3	2.0			
3.00	SPT	16 N		3.00 m: SPT: 4,4/4,4,4,4	3.0			
					3.70 -(2.69)			
3.80	PEN D2	2.5 kg/cm²		Stiff, grey, slightly gravelly, slightly sandy CLAY. Gravel is fine to medium, subrounded to subangular chalk and flint.				
4.00	SPT	20 N		4.00 m: SPT: 5,6/5,5,5,5	4.0 4.00 -(2.99)			

General Remarks:
Borehole terminated at 4.00m bgl due to collapse.
On completion the borehole collapsed to 1.70m depth.
Roots down to 0.80m.

Surface Elevation Level:
1.014 mAOD

All dimensions in metres
Log Scale 1:25

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Groundwater Monitoring Record

Project: Cloot Drove, Crowland
Client: Allison Homes
Project No: BRD4519

Borehole name	Date	Monitored by (initials)	Borehole depth (m)	Qty free product detected (mm)	Groundwater level below ground surface (m)	Groundwater level below top of standpipe (m)	Amount purged (l)	Post purge groundwater level below top of standpipe (m)	Comments
WS01	28/11/2024	SW	3.22	N/A	0.76	1.09	3.00	1.09	Orange brown and silty.
WS03	28/11/2024	SW	2.42	N/A	0.41	0.68	N/A	N/A	
WS04	28/11/2024	SW	2.66	N/A	1.67	1.91	4.00	1.93	Orange brown and silty.
WS07	28/11/2024	SW	2.31	N/A	1.46	1.73	N/A	N/A	
WS08	28/11/2024	SW	2.52	N/A	1.64	1.85	2.00	1.97	Orange brown and silty.
WS10	28/11/2024	SW	3.44	N/A	1.34	1.61	4.00	2.00	Brown and silty.
WS11	28/11/2024	SW	2.94	N/A	1.14	1.38	2.00	1.86	Brown and silty.
WS14	28/11/2024	SW	2.31	N/A	1.78	2.00	1.50	2.22	Orange, silty.