



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S308

Boring Method TERRIER RIG	Casing Diameter		Ground Level (mOD)	Client	Job Number M505
	Location		Dates 12/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.20	E1					(0.40)	TOPSOIL			
0.50	E2					0.40 (0.40)	Soft consistency light grey sandy slightly gravelly CLAY. Gravel content is fine and medium			
1.00	E3					0.80	Firm consistency brown and grey sandy gravelly CLAY. Gravel content is fine to coarse			
1.20-2.00	U4					(0.90)				
2.00-2.40	SPT 62/250 B5			6,7/6,6,50		1.70 (0.70)	Light grey SANDSTONE (Bedrock or boulder)			
2.00-2.40				12/02/2020: DRY		2.40	Complete at 2.40m			

Remarks
Denotes driller's description
A 50mm diameter standpipe was installed at a depth of 2.40m
Excavating from 0.00m to 1.20m for 1.00 hour.

Scale (approx)	Logged By
1:50	SM
Figure No. M505.S308	



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S309

Boring Method TERRIER RIG	Casing Diameter		Ground Level (mOD)	Client	Job Number M505
	Location		Dates 12/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	E1					(0.40)	TOPSOIL		
0.50	E2					0.40	Soft consistency mottled brown and grey sandy slightly gravelly CLAY. Gravel content is fine and medium		
						(0.70)			
1.00	E3			12/02/2020: DRY		1.10	#OBSTRUCTION (Bedrock or boulder)		
							Complete at 1.10m		

Remarks
 # Denotes driller's description
 S309 terminated on an obstruction at a depth of 1.10m. S309A was put down at an adjacent location
 Excavating from 0.00m to 1.10m for 1.00 hour.

Scale (approx)	Logged By
1:50	SM
Figure No. M505.S309	



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S309A

Boring Method TERRIER RIG	Casing Diameter	Ground Level (mOD)	Client	Job Number M505
	Location	Dates 12/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
1.20-1.30 1.30-1.50 1.30-1.50	U B5 SPT 57/50			UNSUCCESSFUL U100 6,7/7,50 12/02/2020:DRY		(0.40) 0.40 (0.90) 1.30 (0.20) 1.50	TOPSOIL Soft consistency mottled brown and grey sandy slightly gravelly CLAY. Gravel content is fine and medium #SANDSTONE (Bedrock or boulder) Complete at 1.50m			

Remarks A 50mm diameter standpipe was installed at a depth of 1.50m # Denotes driller's description Excavating from 0.00m to 1.20m for 1.00 hour.	Scale (approx)	Logged By
	1:50	SM
	Figure No. M505.S309A	



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole
Number
S312

Boring Method
Cable Percussion

Casing Diameter
125mm cased to 2.00m

Ground Level (mOD)

Client

Job
Number
M505

Location

Dates
21/01/2020

Engineer
JOHNSON POOLE & BLOOMER

Sheet
1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.20	E1						MADE GROUND (Mottled brown and grey sandy gravelly clay with sandstone and rootlets. Gravel content is fine to coarse)			
0.50	E2					(1.00)				
1.00	E3					1.00	Very high strength stiff consistency grey sandy gravelly CLAY with cobbles. Gravel content is fine to coarse			
1.20-2.00	U4									
2.00-2.45	SPT N=15			2,4/3,4,4,4						
2.00-2.45	B5									
3.00-4.00	U6					(4.00)				
4.00-4.30	SPT 56/150			4,6/6,50						
4.00-4.30	B7									
				21/01/2020: DRY		5.00	Complete at 5.00m			
				18/02/2020:						

Remarks
A 50mm diameter stand pipe was installed at a depth of 5.00m
Denotes driller's description
Excavating from 0.00m to 1.20m for 1 hour. Excavating from 0.00m to 1.20m for 1 hour.

Scale (approx)	Logged By
1:50	SM
Figure No. M505.S312	



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S314

Boring Method TERRIER RIG	Casing Diameter		Ground Level (mOD)	Client	Job Number M505
	Location		Dates 15/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.20	E1					(0.40)	TOPSOIL			
0.50	E2					0.40	Very low strength soft consistency mottled brown sandy gravelly CLAY with rootlets. Gravel content is fine and medium			
1.00	E3					(1.00)				
1.20-2.00	U4					1.40	Stiff consistency grey sandy gravelly CLAY with cobbles. Gravel content is fine to coarse			
2.00-2.45	SPT N=20 B5			4,5/5,6,4,5		(1.40)				
2.00-2.45							2.80	#OBSTRUCTION (Bedrock or boulder)		
2.80-2.80	SPT(C) 50*/0			15/02/2020:DRY 50/			Complete at 2.80m			

Remarks A 50mm diameter standpipe was installed at a depth of 2.80m # Denotes driller's description Excavating from 0.00m to 1.20m for 1 hour.	Scale (approx)	Logged By
	1:50	SM
	Figure No. M505.S314	



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S315

Boring Method TERRIER RIG	Casing Diameter		Ground Level (mOD)	Client	Job Number M505
	Location		Dates 15/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.20	E1					(0.40)	TOPSOIL			
0.50	E2					0.40 (0.30) 0.70	Firm consistency greyish brown sandy slightly gravelly CLAY. Gravel content is fine and medium			
1.00	E3						Very low strength soft consistency grey sandy gravelly CLAY with cobbles. Gravel content is fine to coarse			
1.20-2.00	U4					(1.20)				
2.00-2.40	SPT 58/250			4,3/4,4,50		1.90	Grey weathered MUDSTONE (Probable bedrock)			
2.00-2.40	B5			15/02/2020:DRY		(0.50) 2.40	Complete at 2.40m			

Remarks # Denotes driller's description A 50mm diameter standpipe was installed at a depth of 2.40m Excavating from 0.00m to 1.20m for 1 hour.	Scale (approx)	Logged By
	1:50	SM
Figure No. M505.S315		



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S316

Boring Method TERRIER RIG	Casing Diameter	Ground Level (mOD)	Client	Job Number M505
	Location	Dates 18/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.20	E1			Water strike(1) at 0.40m.		(0.40)	TOPSOIL		▽1	
0.50	E2					0.40	Soft consistency mottled brown and grey sandy CLAY			
1.00	E3					0.90	Low strength soft consistency greyish brown sandy gravelly CLAY with cobbles. Gravel content is fine to coarse			
1.20-2.00	U4									
2.00-2.45	SPT N=21			5,4/5,6,5,5		(2.00)	...below 2.00m, stiff consistency			
2.00-2.45	B5									
2.90-2.90	SPT(C) 50%0			18/02/2020:0.40m 50/		2.90	#OBSTRUCTION (Bedrock or boulder)			
							Complete at 2.90m			

Remarks
A 50mm diameter standpipe was installed at a depth of 2.90m
Denotes driller's description
Excavating from 0.00m to 1.20m for 1 hour.

Scale (approx)
1:50

Logged By
SM

Figure No.
M505.S316



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S319

Boring Method TERRIER RIG	Casing Diameter		Ground Level (mOD)	Client	Job Number M505
	Location		Dates 06/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.20	E1					(0.40)	TOPSOIL			
0.50	E2					0.40	Soft consistency mottled brown and grey sandy slightly gravelly CLAY. Gravel content is fine and medium			
1.00	E3					(1.50)	...below 1.20m, very high strength			
1.20-2.00	U4									
2.00-2.45	SPT N=21			5,6/4,6,6,5		1.90	Stiff consistency grey sandy gravelly CLAY with cobbles. Gravel content is fine to coarse			
2.00-2.45	B5									
3.00-4.00	U6					(2.70)				
4.00-4.45	SPT N=23			6,7/5,5,6,7						
4.00-4.45	B7									
				06/02/2020:DRY		4.60	#OBSTRUCTION (Bedrock or boulder) Complete at 4.60m			

Remarks # Denotes driller's description A 50mm diameter standpipe was installed at a depth of 4.60m Excavating from 0.00m to 1.20m for 1.00 hour.	Scale (approx)	Logged By
	1:50	PM
	Figure No. M505.S319	



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S320

Boring Method TERRIER RIG	Casing Diameter		Ground Level (mOD)	Client	Job Number M505
	Location		Dates 08/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	E1					0.40	TOPSOIL		
0.50	E2					0.40	Firm consistency mottled grey and brown sandy slightly gravelly CLAY. Gravel content is fine and medium		
1.00	E3					(1.00)			
1.20-1.40	B4			UNSUCCESSFUL		1.40	...below 1.20m, with fragments of sandstone		
1.20-1.40	U			U100			#OBSTRUCTION (Bedrock or boulder)		
1.40-1.40	SPT(C) 50*/0			50/			Complete at 1.40m		

Remarks # Denotes driller's description S320 terminated on an obstruction at at depth of 1.40m. S320A was put down at an adjacent location Excavating from 0.00m to 1.20m for 1 hour.	Scale (approx)	Logged By
	1:50	SM
	Figure No. M505.S320	

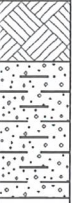


AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S320A

Boring Method TERRIER RIG	Casing Diameter	Ground Level (mOD)	Client	Job Number M505
	Location	Dates 08/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
1.30-1.30	SPT(C) 50*/0			08/02/2020:DRY 50/		(0.40) 0.40 (0.90) 1.30	TOPSOIL Firm consistency mottled grey and brown sandy slightly gravelly CLAY. Gravel content is fine and medium ...below 1.20m, with fragments of sandstone #OBSTRUCTION (Bedrock or boulder) Complete at 1.30m		

Remarks # Denotes driller's description S320A terminated on an obstruction at at depth of 1.30m. S320B was put down at an adjacent location Excavating from 0.00m to 1.20m for 1 hour.	Scale (approx)	Logged By
	1:50	RH
	Figure No. M505.S320A	



AITKEN LABORATORIES LTD

Site
ROBROYSTON NORTH

Borehole Number
S320B

Boring Method TERRIER RIG	Casing Diameter		Ground Level (mOD)	Client	Job Number M505
	Location		Dates 08/02/2020	Engineer JOHNSON POOLE & BLOOMER	Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
1.20-1.20	SPT(C) 50*/0			08/02/2020:DRY 50/		(0.40) 0.40 (0.80) 1.20	TOPSOIL Firm consistency mottled grey and brown sandy slightly gravelly CLAY. Gravel content is fine and medium #OBSTRUCTION (Bedrock or boulder) Complete at 1.20m		

Remarks
 # Denotes driller's description
 S320B terminated on an obstruction at at depth of 1.20m. S320C was put down at an adjacent location
 Excavating from 0.00m to 1.20m for 1 hour.

Scale (approx)	Logged By
1:50	RH
Figure No. M505.S320B	