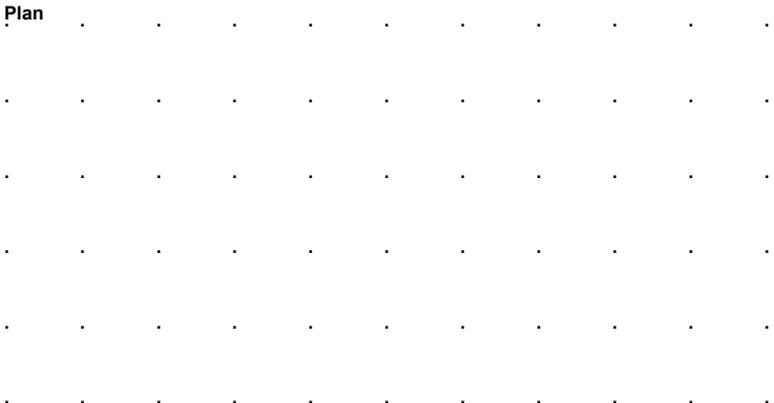


						Site Cavan Regional Sports Centre		Trial Pit Number TP01	
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 06/12/2023		Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
					0.30	TOPSOIL			
					0.30	Soft grey slightly sandy SILT. Sand is fine to medium.			
					0.60				
					0.90	Firm brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					(2.50)				
					3.40	Complete at 3.40m			
Plan 						Remarks Trail pit stable No groundwater encountered			
						Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP01	



					Site Cavan Regional Sports Centre		Trial Pit Number TP02	
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Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 01/02/2024		Engineer Mc Adam Design		Sheet 1/1	

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					0.10	TOPSOIL		
					(0.50)	Grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					0.60	Grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					(1.90)			
					2.50	Grey slightly sandy gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					(1.00)			
					3.50	Complete at 3.50m		

Plan					Remarks No groundwater encountered			
			Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP02	

					Site Cavan Regional Sports Centre			Trial Pit Number TP03	
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 06/12/2023		Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
					0.30	TOPSOIL			
					0.30	Soft grey SILT.			
					0.60				
					0.90	Spongy dark brown PEAT.			
					1.35				
					1.95	Firm brown and grey slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					3.30	Complete at 3.30m			
Plan					Remarks Trial pit stable No groundwater encountered				
					Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP03



						Site Cavan Regional Sports Centre		Trial Pit Number TP04	
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 06/12/2023		Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
					0.30	TOPSOIL Firm orangish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					3.40				
					3.70	Complete at 3.70m			
Plan						Remarks Trial pit stable No groundwater encountered			
						Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP04	



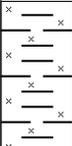
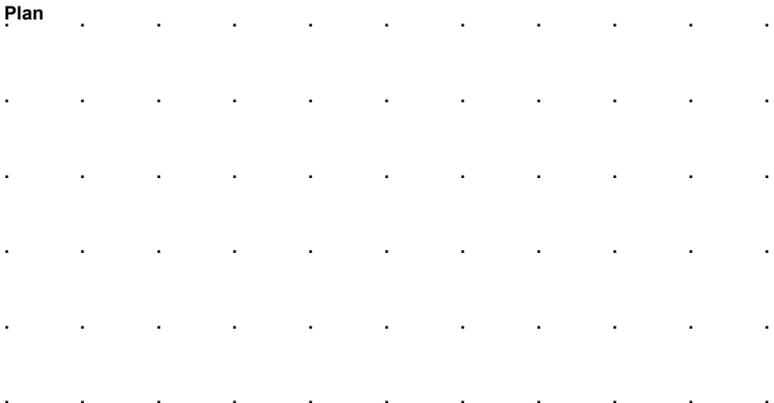
					Site Cavan Regional Sports Centre		Trial Pit Number TP05	
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Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 01/02/2024		Engineer Mc Adam Design		Sheet 1/1	

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(1.00)	MADE GROUND: Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					1.00 (0.50)	MADE GROUND: Grey slightly sandy gravelly clayey SILT with fragments of red brick. Sand is fine to coarse. Gravel is subangular fine to coarse.		
					1.50 (2.00)	Brownish grey slightly sandy gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
			Water strike(1) at 3.30m.		3.50	Complete at 3.50m		∇1

Plan					Remarks Groundwater from surface run off and water trapped in made ground.				
Scale (approx) 1:50			Logged By		Figure No. 23-0092.TP05				

					Site Cavan Regional Sports Centre			Trial Pit Number TP06	
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 01/02/2024		Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
					0.20	TOPSOIL Brownish grey slightly sandy gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					1.80				
					2.00				
					1.00	Grey slightly sandy gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. (Possible weathered bedrock)			
					3.00	Complete at 3.00m			
Plan					Remarks No groundwater encountered				
					Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP06

						Site Cavan Regional Sports Centre		Trial Pit Number TP07	
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 01/02/2024		Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
1.00-2.00	B				(1.00)	Brown silty CLAY.			
					1.00	Grey slightly sandy gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. (Possible weathered bedrock)			
					3.50	Complete at 3.50m			
Plan 						Remarks Water in pit from surface run off			
						Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP07	

						Site Cavan Regional Sports Centre		Trial Pit Number TP08																																																													
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092																																																													
		Location		Dates 01/02/2024		Engineer Mc Adam Design		Sheet 1/1																																																													
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water																																																													
					0.20 0.20	TOPSOIL																																																															
					0.40 0.60	MADE GROUND: Grey slightly sandy slightly silty subangular to subrounded fine to coarse GRAVEL with low cobble content and metal scraps. Sand is fine to coarse.																																																															
					(1.40)	Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.																																																															
					2.00 (1.00)	Grey slightly sandy gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. (Possible weathered bedrock)																																																															
					3.00	Complete at 3.00m																																																															
Plan <table border="1" style="width:100%; height:100%; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																																																																		Remarks			
						Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP08																																																													

						Site Cavan Regional Sports Centre		Trial Pit Number TP11	
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 07/12/2023		Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
					0.30	TOPSOIL			
					0.30	Firm slightly sandy slightly gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					(2.00)				
					2.30	Very stiff slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					(1.00)				
					3.30	Complete at 3.30m			
Plan						Remarks Refusal on very stiff clay.			
						Scale (approx) 1:50		Logged By	
								Figure No. 23-0092.TP11	



					Site Cavan Regional Sports Centre		Trial Pit Number TP13	
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Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 06/12/2023		Engineer Mc Adam Design		Sheet 1/1	

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					0.30	TOPSOIL		
					0.30	Firm orangish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					3.00			
					3.30	Very stiff grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					4.00	Complete at 4.00m		

Plan					Remarks Trail pit stable No groundwater encountered				
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Scale (approx) 1:50			Logged By			Figure No. 23-0092.TP13		
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						Site	Trial Pit Number	
Machine : Excavator		Dimensions		Ground Level (mOD)		Client	Job Number	
Method : Trial Pit		Location		Dates		Engineer	Sheet	
				01/02/2024		Mc Adam Design	1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	B				(0.30) 0.30	TOPSOIL		
1.00	B				(0.90) 1.20	Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.00	B				(1.10) 2.30	Brown slightly sandy gravelly clayey SILT with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.50	B				(0.20) 2.50	Grey slightly sandy gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
						Complete at 2.50m		
Plan						Remarks No groundwater encountered		
						Scale (approx)	Logged By	Figure No.
						1:50		23-0092.TP14



Site
Cavan Regional Sports Centre

Trial Pit Number
TP15

Machine : Excavator
Method : Trial Pit

Dimensions

Location

Ground Level (mOD)

Dates
01/02/2024

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	B				0.10 (0.20) 0.30	TOPSOIL		
1.00	B				(1.40)	MADE GROUND: Brown slightly sandy slightly gravelly CLAY with fragments of plastic and broken crockery. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.00	B				1.70 (1.30)	Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
3.00	B				3.00	Grey slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
						Complete at 3.00m		

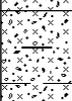
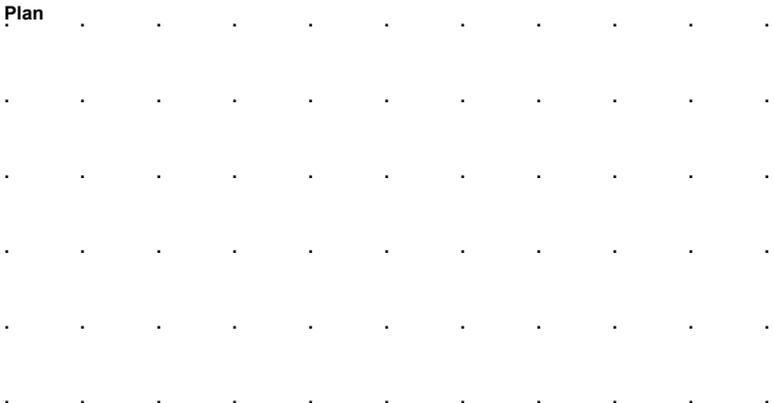
Plan

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Remarks

No groundwater encountered

Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP15
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						Site Cavan Regional Sports Centre		Trial Pit Number TP16	
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 01/02/2024		Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
0.50	B				(0.30) 0.30	TOPSOIL Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	B				(0.70) 1.00	Grey slightly sandy gravelly clayey SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	B				(1.30) 1.70	Grey slightly gravelly clayey SILT with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
3.00	B				3.00	Complete at 3.00m			
Plan 						Remarks No groundwater encountered			
						Scale (approx) 1:50		Logged By	
								Figure No. 23-0092.TP16	



					Site Cavan Regional Sports Centre		Trial Pit Number TP17	
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Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 07/12/2023		Engineer Mc Adam Design		Sheet 1/1	

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					0.30	TOPSOIL		
					0.30	Firm slightly sandy slightly gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					2.30			
					2.60	Very stiff slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					0.70			
					3.30	Complete at 3.30m		

Plan					Remarks 				
			Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP17		



Site
Cavan Regional Sports Centre

Trial Pit Number
TP18

Machine : Excavator
Method : Trial Pit

Dimensions

Location

Ground Level (mOD)

Dates
01/02/2024

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	B				(0.20) 0.20	TOPSOIL Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.00	B				(1.00)			
2.00	B				1.20 (1.30)	Grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
3.00	B				2.50 (0.50)	Grey slightly sandy gravelly clayey SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					3.00 (0.20) 3.20	Grey slightly sandy very gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.20m		

Plan

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Remarks

No groundwater encountered

Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP18
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Site
Cavan Regional Sports Centre

Trial Pit Number
TP19

Machine : Excavator
Method : Trial Pit

Dimensions

Location

Ground Level (mOD)

Dates
05/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	D				(0.40)	MADE GROUND: Grey angular fine to coarse GRAVEL.		
0.50-1.50	B				0.40	MADE GROUND: Firm orangish brown slightly sandy slightly gravelly silty CLAY with low cobble and boulder content and fragments of red brick, concrete and polyrhene. Sand is fine to coarse. Gravel is subangular fine to coarse.		
1.50	D				(2.90)			
2.00-3.00	B							
2.50	D							
					3.30	Complete at 3.30m		

Plan

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Remarks

Trial pit unstable
No groundwater encountered

Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP19
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Machine : Excavator Method : Trial Pit					Dimensions Location		Ground Level (mOD) Dates 01/02/2024		Site Cavan Regional Sports Centre		Trial Pit Number TP20
									Client Cavan County Council		Job Number 23-0092
									Engineer Mc Adam Design		Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water		
1.00-2.00	B				0.20	TOPSOIL		[Symbol: x's]			
					0.20	Brown clayey SILT.					
					0.90			[Symbol: dots]			
					1.10	Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.					
					0.50			[Symbol: dots]			
1.60	Brown slightly sandy very gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.										
2.00			[Symbol: circles]								
0.40	Grey slightly sandy gravelly silty CLAY with low cobble and boulder content. Brown slightly sandy very gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.										
1.50			[Symbol: circles]								
3.50	Complete at 3.50m										
Plan						Remarks No groundwater encountered					
						Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP20	

						Site Cavan Regional Sports Centre		Trial Pit Number TP21	
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 01/02/2024		Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
0.50	B				(0.20) 0.20	TOPSOIL Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	B				0.90	Grey slightly sandy gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	B				(1.60)				
3.00	B				2.50 (0.50) 3.00	Grey slightly sandy slightly gravelly silty CLAY with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
						Complete at 3.00m			
Plan						Remarks 			
						Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP21	

					Site Cavan Regional Sports Centre			Trial Pit Number TP22		
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092		
		Location		Dates 01/12/2023		Engineer Mc Adam Design		Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water		
0.90	B0.5				0.30 0.30 0.60 0.90	TOPSOIL Soft orangis brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Soft to firm grey slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	  			
2.00	B1				(2.90)					
3.50	B2.5				3.80	Complete at 3.80m				
Plan					Remarks Trail pit unstable No groundwater encountered					
					Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP22	

					Site Cavan Regional Sports Centre		Trial Pit Number TP23			
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092		
		Location		Dates 05/12/2023		Engineer Mc Adam Design		Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water		
0.50	D				(0.30)	MADE GROUND: Grey angular fine to coarse GRAVEL.				
0.50-1.50	B				0.30	MADE GROUND: Firm brown and grey slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to fine to coarse.				
1.00	D				(1.50)					
					1.80	Complete at 1.80m				
Plan					Remarks Trial pit abandoned due to service uncovered. Trial pit unstable No groundwater encountered					
					Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP23	



Site
Cavan Regional Sports Centre

Trial Pit Number
TP25

Machine : Excavator
Method : Trial Pit

Dimensions

Location

Ground Level (mOD)

Dates
28/11/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.30-0.80	B				(0.30)	TOPSOIL		
0.50	D				0.30	Soft to firm brown very sandy SILT. Sand is fine to coarse.		
1.00-1.60	B				(0.50)	Stiff grey slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles and boulders are angular.		
1.40	D			(0.80)				
			Water strike(1) at 1.60m.		1.60	Complete at 1.60m		∇1

Plan

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Remarks

Refusal on rock at 1.60m

Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP25
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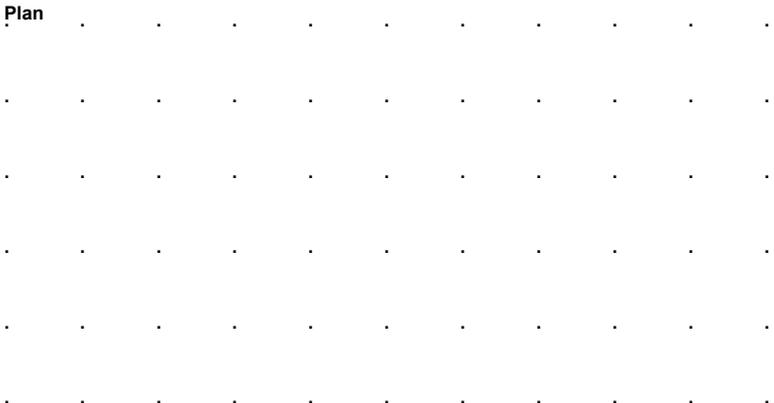
Machine : Excavator Method : Trial Pit	Dimensions	Ground Level (mOD)	Client Cavan County Council	Job Number 23-0092
	Location	Dates 28/11/2023	Engineer Mc Adam Design	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	D				(0.35) 0.35	TOPSOIL		
1.00-1.50	B				(0.45) 0.80	Soft to firm slightly gravelly sandy clayey SILT with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. (Boulder 900mm)		
1.50	D				(0.90) 1.70	Firm greyish brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles and boulders are angular.		
2.00 2.00-2.60	D B		Water strike(1) at 2.60m.		(0.90) 2.60	Firm to stiff brownish grey slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles and boulders are angular.		▽1
						Complete at 2.60m		

Plan	Remarks Refusal at 2.60m on rock.
	<div style="width:30%;"> Scale (approx) 1:50 </div> <div style="width:30%;"> Logged By </div> <div style="width:30%;"> Figure No. 23-0092.TP26 </div>

						Site Cavan Regional Sports Centre		Trial Pit Number TP27			
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092			
		Location		Dates 28/11/2023		Engineer Mc Adam Design		Sheet 1/1			
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water			
0.40-1.00 0.50	B D				0.30 (0.30)	TOPSOIL					
					0.70 (0.70)	Soft grey and brown slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.					
1.20-1.80 1.50	B D		Water strike(1) at 1.80m.		1.00 (0.80)	Soft to firm grey and brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles and boulders are angular. (Boulders are >700mm)					
					1.80	Complete at 1.80m			∇1		
Plan						Remarks					
.											
						Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP27	

					Site Cavan Regional Sports Centre		Trial Pit Number TP28			
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092		
		Location		Dates 29/11/2023		Engineer Mc Adam Design		Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water		
					0.30	TOPSOIL				
					0.30	Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.				
					0.60					
					0.90	Stiff grey slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.				
					1.20					
					2.10	Complete at 2.10m				
Plan					Remarks Trial pit unstable, partial collapse 0.3-0.9m					
					Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP28	

						Site Cavan Regional Sports Centre		Trial Pit Number TP29	
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 29/11/2023		Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
					0.30	TOPSOIL			
					0.30	Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					0.80				
					1.10	Stiff grey slightly sandy slightly gravelly with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					1.70				
					2.80	Complete at 2.80m			
Plan 						Remarks Trail pit stable No groundwater encountered			
						Scale (approx) 1:50	Logged By	Figure No. 23-0092.TP29	

						Site Cavan Regional Sports Centre		Trial Pit Number TP30			
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092			
		Location		Dates 29/11/2023		Engineer Mc Adam Design		Sheet 1/1			
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water			
					0.30	TOPSOIL					
					0.30	Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.					
					0.60						
					0.90	Stiff grey slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.					
					(1.70)						
					2.60						
						Complete at 2.60m					
Plan						Remarks Partial collapse 0.30m to 2.10m No groundwater encountered					
						Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP30	

					Site Cavan Regional Sports Centre		Trial Pit Number TP33			
Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092		
		Location		Dates 29/11/2023		Engineer Mc Adam Design		Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water		
					0.35	TOPSOIL				
					0.35	Firm grey and brown slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Boulders are angular >700mm.				
					(2.95)					
					3.30	Complete at 3.30m				
Plan					Remarks No groundwater encountered Trial pit unstable, sides collapsing					
					Scale (approx) 1:50		Logged By		Figure No. 23-0092.TP33	



					Site Cavan Regional Sports Centre		Trial Pit Number TP34	
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Machine : Excavator Method : Trial Pit		Dimensions		Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
		Location		Dates 29/11/2023		Engineer Mc Adam Design		Sheet 1/1	

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					0.30	TOPSOIL Firm grey and brown slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
					3.30	Complete at 3.30m		

Plan					Remarks Trial pit stable No groundwater encountered			
Scale (approx) 1:50			Logged By		Figure No. 23-0092.TP34			



Site Cavan Regional Sports Centre					Trial Pit Number TP35
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Machine : Excavator Method : Trial Pit		Dimensions	Ground Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Location	Dates 29/11/2023	Engineer Mc Adam Design	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.45)	TOPSOIL		
					0.45	Firm grey and brown slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. cobbles and boulders are rounded.		
					(2.15)			
					2.60	Complete at 2.60m		

Plan	Remarks Trial pit unstable, sides collapsing No groundwater encountered
Scale (approx) 1:50	Logged By
Figure No. 23-0092.TP35	



								Site Cavan Regional Sports Centre		Borehole Number DBH01	
Machine : Comacchio 305 Flush : Core Dia: mm Method : Rotary Cored			Casing Diameter			Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
			Location			Dates 12/12/2023		Engineer Mc Adam Design		Sheet 1/2	
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
							0.30	TOPSOIL			
							0.30	Brown slightly gravelly very sandy CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
							(3.10)				
							3.40	Grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
							(11.60)				
Remarks									Scale (approx) 1:50		Logged By
									Figure No. 23-0092.DBH01		



Site
Cavan Regional Sports Centre

Borehole Number
DBH01

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
12/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
2/2

Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							15.00	Complete at 15.00m		

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH01



								Site Cavan Regional Sports Centre		Borehole Number DBH02
Machine : Comacchio 305 Flush : Core Dia: mm Method : Rotary Cored			Casing Diameter			Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092
			Location			Dates 13/12/2023		Engineer Mc Adam Design		Sheet 1/2
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							0.20	TOPSOIL Brown slightly gravelly very sandy CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
							5.40			
							5.60	Grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
Remarks									Scale (approx) 1:50	Logged By
									Figure No. 23-0092.DBH02	



Site
Cavan Regional Sports Centre

Borehole Number
DBH02

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
13/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
2/2

Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							(9.40)			
							15.00	Complete at 15.00m		

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH02



Site
Cavan Regional Sports Centre

Borehole Number
DBH03

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
11/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
1/2

Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							(0.30) 0.30	<p>TOPSOIL</p> <p>Grey slightly sandy slightly gravelly silty CLAY with low boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.</p>		
							(14.70)			

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH03



Site
Cavan Regional Sports Centre

Borehole Number
DBH03

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
11/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
2/2

Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							15.00	Complete at 15.00m		

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH03



Site
Cavan Regional Sports Centre

Borehole Number
DBH04

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
12/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
2/2

Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							15.00	Complete at 15.00m		

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH04



Site
Cavan Regional Sports Centre

Borehole Number
DBH05

Machine : Comacchio 305 Flush : Core Dia: mm Method : Rotary Cored	Casing Diameter			Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092	
	Location			Dates 16/12/2023		Engineer Mc Adam Design		Sheet 1/2	

Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							(0.30) 0.30	TOPSOIL Grey slightly sandy slightly gravelly silty CLAY with low boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
							(14.70)			

Remarks	Scale (approx) 1:50	Logged By
	Figure No. 23-0092.DBH05	



Site
Cavan Regional Sports Centre

Borehole Number
DBH05

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
16/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
2/2

Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							15.00	Complete at 15.00m		

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH05



Site
Cavan Regional Sports Centre

Borehole Number
DBH06

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
05/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
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Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							0.20	TOPSOIL		
							7.20	Grey slightly sandy slightly gravelly silty CLAY with low boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
							7.40	Grey LIMESTONE		

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH06



Site
Cavan Regional Sports Centre

Borehole Number
DBH06

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
05/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
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Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							(7.60)			
							15.00	Complete at 15.00m		

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH06



Site
Cavan Regional Sports Centre

Borehole Number
DBH07

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
06/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
1/2

Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							(0.30)	TOPSOIL		
							0.30	Grey silty CLAY.		
							(4.20)			
							4.50	Greyish brown slightly sandy slightly gravelly silty CLAY with low boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
							(10.50)			

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH07



Site
Cavan Regional Sports Centre

Borehole Number
DBH07

Machine : Comacchio 305
Flush :
Core Dia: mm
Method : Rotary Cored

Casing Diameter

Location

Ground Level (mOD)

Dates
06/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
2/2

Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
							15.00	Complete at 15.00m		

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.DBH07



Northwest Geotech							Site	Borehole Number	
Machine : Dando 2000 Method : Cable Percussion		Casing Diameter		Ground Level (mOD)	Client		Cavan Regional Sports Centre	BH01	
		Location		Dates	Engineer		Cavan County Council	Job Number	
				30/11/2023	Mc Adam Design		23-0092	Sheet	
							1/1		
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					(0.30) 0.30	TOPSOIL Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=7			3,2/2,1,2,2					
1.50-2.00	B					(2.50)			
2.00-2.45	SPT N=9			2,2/2,3,2,2					
2.50-3.00	B								
3.00-3.45	SPT N=32			7,10/10,7,8,7		2.80	Very stiff brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
3.40-4.00	B					(1.40)			
4.00-4.15	SPT 50/0			20,25/50		4.20	Complete at 4.20m		
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.BH01		



							Site	Borehole Number	
Machine : Dando 2000 Method : Cable Percussion		Casing Diameter		Ground Level (mOD)		Cavan Regional Sports Centre		BH02	
		Location		Dates 30/11/2023		Client Cavan County Council		Job Number 23-0092	
						Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B						Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=13			3,2/2,3,4,4		(3.00)			
1.50-2.00	B								
2.00-2.45	SPT N=12			6,5/4,3,2,3					
2.50-3.00	B								
3.00-3.45	SPT N=36			7,7/10,6,11,9		3.00	Very stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
3.50-4.00	B								
4.00-4.45	SPT N=16			2,3/3,3,6,4		(2.60)			
4.50-5.00	B								
5.00-5.45	SPT N=49			7,6/9,12,13,15					
5.60-5.65	SPT 25*/30 50/20			25/50		5.60	Complete at 5.60m		
Remarks Terminated on possible bedrock/boulder								Scale (approx) 1:50	Logged By Figure No. 23-0092.BH02



Site
Cavan Regional Sports Centre

Borehole Number
BH03

Machine : Dando 2000
Method : Cable Percussion

Casing Diameter

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
30/11/2023

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					(0.20) 0.20	TOPSOIL Stiff becoming very stiff greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=29			5,8/4,4,7,14					
1.50-2.00	B								
2.00-2.45	SPT N=17			4,4/5,4,4,4					
2.50-3.00	B								
3.00-3.45	SPT N=22			5,5/5,6,6,5	(5.40)				
3.50-4.00	B								
4.00-4.45	SPT N=25			6,5/6,5,7,7					
4.50-5.00	B								
5.00-5.45	SPT N=43			10,8/9,11,13,10					
5.60-5.77	SPT 50/20			21,24/25,25		5.60	Complete at 5.60m		

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.BH03



							Site	Borehole Number	
Machine : Dando 2000		Casing Diameter			Ground Level (mOD)	Client		Job Number	
Method : Cable Percussion		Location			Dates	Engineer		Sheet	
					30/11/2023	Mc Adam Design		1/1	
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B						Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=12			2,3/3,4,3,2		(3.00)			
1.50-2.00	B								
2.00-2.45	SPT N=10			10,9/3,3,2,2					
2.50-3.00	B								
3.00-3.45	SPT N=38			10,9/7,10,11,10		3.00	Stiff to very stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
3.50-4.00	B								
4.00-4.45	SPT N=19			4,3/4,5,4,6		(2.80)			
4.50-5.00	B								
5.00-5.45	SPT N=41			3,5/5,10,11,15					
5.50-5.80	B								
5.80-5.89	SPT 25*/40 50/50			25/50		5.80	Complete at 5.80m		
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.BH04		



Site
Cavan Regional Sports Centre

Borehole Number
BH07

Machine : Dando 2000	Casing Diameter	Ground Level (mOD)	Client Cavan County Council	Job Number 23-0092
Method : Cable Percussion			Location	Dates 04/12/2023

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B						Firm greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=10			1,2/2,3,3,2					▼1
1.50-2.00	B								▽1
2.00-2.45	SPT N=13					(4.00)			
2.50-3.00	B			Water strike(1) at 2.00m, rose to 1.30m in 20 mins. 2,2/3,3,4,3					
3.00-3.45	SPT N=13			3,4/3,3,4,3					
3.50-4.00	B								
4.00-4.45	SPT N=20			4,5/4,6,5,5		4.00	Stiff becoming very stiff greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
4.50-5.00	B								
5.00-5.45	SPT N=40			8,9/11,9,10,10		(1.80)			
5.50-5.80	B								
5.80-5.80	SPT 25*/0 50/0			25/50		5.80	Complete at 5.80m		

Remarks Terminated on possible bedrock/boulder	Scale (approx)	Logged By
	1:50	
	Figure No. 23-0092.BH07	



Site
Cavan Regional Sports Centre

Borehole Number
BH08

Machine : Dando 2000
Method : Cable Percussion

Casing Diameter

Location

Ground Level (mOD)

Dates
01/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					(0.20) 0.20	TOPSOIL Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=9			3,2/3,2,2,2					▼1
1.50-2.00	B								▽1
2.00-2.45	SPT N=13			Water strike(1) at 2.00m, rose to 1.50m in 20 mins. 2,3/3,2,4,4		(3.80)			
2.50-3.00	B								
3.00-3.45	SPT N=8			2,2/2,2,2,2					
3.50-4.00	B								
4.00-4.45	SPT N=20			2,3/4,5,4,7		4.00	Stiff becoming very stiff greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
4.50-5.00	B								
5.00-5.45	SPT N=42			10,8/10,10,11,11		(2.20)			
5.50-6.00	B								
6.00-6.21	SPT 75/60			14,17/25,50		6.20	Complete at 6.20m		

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.BH08



Site
Cavan Regional Sports Centre

Borehole Number
BH09

Machine : Dando 2000	Casing Diameter	Ground Level (mOD)	Client Cavan County Council	Job Number 23-0092
Method : Cable Percussion			Location	Dates 04/12/2023

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B						Soft to firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=6			4,2/2,1,1,2		(2.40)			
1.50-2.00	B								
2.00-2.35 2.00-2.40	SPT 50/200 B			4,4/6,5,25,14		2.40			
							Complete at 2.40m		

Remarks Terminated on possible bedrock/boulder	Scale (approx) 1:50	Logged By
	Figure No. 23-0092.BH09	



							Site	Borehole Number	
Machine : Dando 2000		Casing Diameter		Ground Level (mOD)		Cavan Regional Sports Centre		BH10	
Method : Cable Percussion		Location		Dates		Client		Job Number	
				04/12/2023		Cavan County Council		23-0092	
						Engineer		Sheet	
						Mc Adam Design		1/1	
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B						Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=6			1,1/2,2,1,1		(3.00)			
1.50-2.00	B								
2.00-2.45	SPT N=9			2,4/2,2,3,2					
2.50-3.00	B								
3.00-3.45	SPT N=23			5,6/6,6,5,6		3.00	Stiff becoming very stiff brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
3.50-4.00	B								
4.00-4.45	SPT N=42			8,9/9,11,11,11		(1.80)			
4.80-4.80	SPT 25*/0 50/0			25/50		4.80	Complete at 4.80m		
Remarks Terminated on possible bedrock/boulder								Scale (approx) 1:50	Logged By
								Figure No. 23-0092.BH10	



Site
Cavan Regional Sports Centre

Borehole Number
BH12

Machine : Dandio 2000	Casing Diameter	Ground Level (mOD)	Client	Job Number
Method : Cable Percussion			Cavan County Council	23-0092
	Location	Dates	Engineer	Sheet
		04/12/2023	Mc Adam Design	1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	B					(0.20) 0.20	TOPSOIL		
1.15 1.20-1.82	B SPT 50/470			4,4/17,24,9		(1.30) 1.50	Soft brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 1.50m		

Remarks Terminated on possible bedrock/boulder	Scale (approx)	Logged By
	1:50	
Figure No. 23-0092.BH12		



Site
Cavan Regional Sports Centre

Borehole Number
BH13

Machine : Dando 2000
Method : Cable Percussion

Casing Diameter

Location

Ground Level (mOD)

Dates
28/11/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

Sheet
1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					0.50	MADE GROUND: Bluish grey sandy silty angular fine to coarse GRAVEL with fragments of red brick. Sand is fine to coarse.		
1.20-1.65	SPT N=11			1,2/1,4,3,3			MADE GROUND: Firm to stiff bluish grey slightly sandy gravelly silty CLAY with fragments of red brick and timber. Sand is fine to coarse. Gravel is angular to subangular fine to coarse.		
1.50-2.00	B								
2.00-2.45	SPT N=19			6,5/5,5,5,4					
2.50-3.00	B								
3.00-3.45	SPT N=21			2,2/4,4,3,10					
3.50-4.00	B								
4.00-4.45	SPT N=17			2,3/3,4,5,5					
4.50-5.00	B								
5.00-5.45	SPT N=18			3,3/4,4,4,6		(9.10)			
5.50-6.00	B								
6.00-6.45	SPT N=25			5,5/7,6,6,6					
6.50-7.00	B								
7.00-7.45	SPT N=8			1,1/1,1,4,2					
7.50-8.00	B								
8.00-8.45	SPT N=16			7,6/5,4,3,4					
8.50-9.00	B								
9.00-9.44	SPT 48/290			5,8/16,14,18					
9.60-9.60	SPT 25*/0 50/0			25/50		9.60	Complete at 9.60m		

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.BH13



Machine : Dando 2000 Method : Cable Percussion					Casing Diameter		Ground Level (mOD)		Site Cavan Regional Sports Centre		Borehole Number BH14
					Location		Dates 07/12/2023		Client Cavan County Council		Job Number 23-0092
									Engineer Mc Adam Design		Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					0.20 0.20	TOPSOIL Firm greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=24			3,3/4,5,9,6		1.20	Stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.50-2.00	B					(1.20)			
2.00-2.25	SPT 50/100			4,6/12,19,19		2.40	Complete at 2.40m		

Remarks Terminated on possible bedrock/boulder Chiselling from 2.40m to 2.40m for 1 hour.								Scale (approx) 1:50	Logged By
								Figure No. 23-0092.BH14	



Machine : Dando 2000 Method : Cable Percussion					Casing Diameter		Ground Level (mOD)		Site Cavan Regional Sports Centre		Borehole Number BH15
					Location		Dates 07/12/2023		Client Cavan County Council		Job Number 23-0092
									Engineer Mc Adam Design		Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					(0.20) 0.20	TOPSOIL		
						(0.60)	Firm brownish grey slightly sandy slightl gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
						0.80	Firm to stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=16			3,4/4,4,3,5					
1.50-2.00	B					(1.90)			
2.00-2.45	SPT N=14			4,3/4,3,3,4					
2.50-3.00	B					2.70			
3.00-3.00	SPT 25*/0 50/0			25/50		(0.30) 3.00	Very dense grey slightly silty subangular to subrounded fine to coarse GRAVEL.		
							Complete at 3.00m		

Remarks Terminated on possible bedrock/boulder Chiselling from 3.00m to 3.00m for 1 hour.								Scale (approx) 1:50	Logged By
								Figure No. 23-0092.BH15	



Site
Cavan Regional Sports Centre

Borehole Number
BH16

Machine : Dando 2000
Method : Cable Percussion

Casing Diameter

Location

Ground Level (mOD)

Dates
04/12/2023

Client
Cavan County Council

Engineer
Mc Adam Design

Job Number
23-0092

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Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					0.20 0.20	TOPSOIL Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=14			2,2/3,5,3,3		(1.80)			
1.50-2.00	B								
2.00-2.45	SPT N=20			4,5/5,5,5,5		2.00	Stiff becoming very stiff greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.50-3.00	B								
3.00-3.45	SPT N=26			5,5/8,6,7,5					
3.50-4.00	B					(3.40)			
4.00-4.45	SPT N=36			8,9/9,9,9,9					
4.50-5.00	B								
5.00-5.41	SPT 50/260			11,12/13,14,14,9		5.40	Complete at 5.40m		

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.BH16



Machine : Dando Terrier Method : Cable Percussion					Casing Diameter		Ground Level (mOD)		Site Cavan Regional Sports Centre		Borehole Number BH17
					Location		Dates 04/12/2023		Client Cavan County Council		Job Number 23-0092
									Engineer Mc Adam Design		Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	B					(0.30) 0.30	TOPSOIL		
1.00-1.50	B					(0.80)	Soft brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=21			4,4/3,4,6,8		1.10	Stiff becoming very stiff grey slightly sandy gravelly clayey SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.00-2.43	SPT 48/280			4,3/4,3,16,25		(1.80)			
2.00-2.50	B								
2.90-2.90	SPT 25*/0 50/0			25/50		2.90	Complete at 2.90m		

Remarks Terminated on possible bedrock/boulder								Scale (approx) 1:50	Logged By
								Figure No. 23-0092.BH17	

							Site	Borehole Number	
Machine : Dando 2000 Method : Cable Percussion		Casing Diameter		Ground Level (mOD)		Cavan Regional Sports Centre		BH18	
		Location		Dates 28/11/2023		Client Cavan County Council		Job Number 23-0092	
						Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
1.00	B					(0.50)	MADE GROUND: Grey silty sandy angular fine to coarse GRAVEL. Sand is fine to coarse.		
1.20-1.65	SPT N=21			1,2/4,6,5,6		0.50	MADE GROUND: Firm to stiff bluish grey slightly sandy gravelly silty CLAY with fragments of red brick and timber. Sand is fine to coarse. Gravel is subangular fine to coarse.		
2.00-23.45 2.00	SPT N=11 B			1,1/2,3,3,3		(2.50)			
3.00-3.45 3.00	SPT N=5 B			1,2/2,1,1,1		3.00	MADE GROUND: Soft bluish grey slightly sandy gravelly silty CLAY with fragments of red brick and timber. Sand is fine to coarse. Gravel is subangular fine to coarse.		
4.00-4.45 4.00	SPT N=5 B			2,2/1,1,1,2		(2.60)			
5.00-5.45 5.00	SPT N=7 B			3,2/2,2,1,2		5.60	Firm bluish grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
6.00-6.45 6.00	SPT N=12 B			2,2/1,4,4,3		(3.20)			
7.00-7.45 7.00	SPT N=12 B			8,4/2,4,3,3					
8.00-8.45 8.00	SPT N=12 B			4,3/3,4,2,3					
8.80-8.80	SPT 25*0 50/0			25/50		8.80	Complete at 8.80m		
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.BH18		



Machine : Dando 2000 Method : Cable Percussion					Casing Diameter		Ground Level (mOD)		Site Cavan Regional Sports Centre		Borehole Number BH20
					Location		Dates 07/12/2023		Client Cavan County Council		Job Number 23-0092
									Engineer Mc Adam Design		Sheet 1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					(0.20) 0.20 (0.60) 0.80	TOPSOIL Firm brownish grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=11			1,2/1,4,3,3			Firm becoming stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.50-2.00	B								
2.00-2.45	SPT N=15			2,4/2,3,5,5		(2.10)			
2.50-2.90	B								
2.90-2.90	SPT 25*0 50/0			25/50		2.90	Complete at 2.90m		

Remarks Terminated on possible bedrock/boulder Chiselling from 2.90m to 2.90m for 1 hour.								Scale (approx) 1:50	Logged By
								Figure No. 23-0092.BH20	



Site
Cavan Regional Sports Centre

Borehole Number
BH21

Machine : Dando 2000
Method : Cable Percussion

Casing Diameter

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
07/12/2023

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					(0.40) 0.40	MADE GROUND: Gery angular fine to coarse GRAVEL. MADE GROUND: Firm becoming stiff slightly sandy gravelly silty CLAY with fragments of red brick. Sand is fine to coarse. Gravel is angular to subangular fine to coarse.		
1.20-1.65	SPT N=9			2,3/2,2,3,2					
1.50-2.00	B								
2.00-2.45	SPT N=8			3,2/1,2,2,3					
2.50-3.00	B					(4.80)			
3.00-3.45	SPT N=15			4,3/4,4,3,4					
3.50-4.00	B								
4.00-4.45	SPT N=17			5,5/4,4,5,4					
4.50-5.00	B								
5.00-5.20	SPT 50/50			1,1/50 Water strike(1) at 5.10m, no rise after 20 mins.		5.20	Grey LIMESTONE		▼1
6.00-6.02	SPT 50*/10 50/10			50/50					
7.00-7.02	SPT 50*/10 50/10			50/50		(4.80)			
8.00-8.02	SPT 50*/10 50/10			50/50					
9.00-9.05	SPT 50*/20 50/30			50/50					
10.00-10.00	50/0 SPT 50*/0			50/50		10.00			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.BH21



Site
Cavan Regional Sports Centre

Borehole Number
BH22

Machine : Dando 2000	Casing Diameter	Ground Level (mOD)	Client	Job Number
Method : Cable Percussion			Cavan County Council	23-0092
	Location	Dates	Engineer	Sheet
		12/12/2023	Mc Adam Design	1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
1.00	B					(0.40)	MADE GROUND: Grey angular fine to coarse GRAVEL.		
1.20-1.65	SPT N=13			1,3/4,4,3,2		0.40	MADE GROUND: Soft grey slightly sandy gravelly clayey SILT with low cobble content and fragments of red brick and timber. Sand is fine to coarse. Gravel is subangular fine to coarse.		
2.00-2.45	SPT N=12			15,8/4,4,2,2					
2.00	B								
3.00-3.45	SPT N=8			2,2/2,2,2,2					
3.00	B								
4.00-4.45	SPT N=10			4,6/4,2,2,2		(6.90)	4.00-6.00m: Becoming firm		
4.00	B								
5.00-5.11	SPT			6,9/11,21,18					
5.00	B								
6.00-6.45	SPT N=27			6,0/11,4,7,5					
6.00	B								
7.00-7.18	SPT 50/30			1,3/2,25,23					
7.00	B					7.30	Complete at 7.30m		

Remarks Cobbles may make SPT numbers higher Terminated on possible bedrock/boulder	Scale (approx)	Logged By
	1:50	
	Figure No. 23-0092.BH22	



Site
Cavan Regional Sports Centre

Borehole Number
BH23

Machine : Dando 2000	Casing Diameter	Ground Level (mOD)	Client	Job Number
Method : Cable Percussion			Cavan County Council	23-0092
	Location	Dates 29/11/2023	Engineer	Sheet
			Mc Adam Design	1/1

Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					(0.40) 0.40	MADE GROUND: Grey angular fine to coarse GRAVEL.		
1.20-1.65	SPT N=10			2,2/2,3,2,3			MADE GROUND: Firm becoming stiff grey slightly sandy gravelly silty CLAY with fragments of red brick. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.50-2.00	B					(2.80)			
2.00-2.45	SPT N=10			2,1/2,2,3,3			Stiff grey slightly sandy slightly gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.50-3.00	B					3.20			
3.00-3.45	SPT N=15			3,4/4,3,4,4			Grey LIMESTONE		
3.50-4.00	B					(3.20)			
4.00-4.45	SPT N=17			4,4/4,4,5,4			Water strike(1) at 6.30m, no rise after 20 mins.		
4.50-5.00	B					6.40			
5.00-5.45	SPT N=18			4,5/4,5,4,5			Grey LIMESTONE		
5.50-6.00	B					(3.60)			
6.00-6.38	SPT 23/230			3,4/4,5,6,8			Grey LIMESTONE		
7.00-7.02	SPT 50*/10 50/10			50/50		10.00			
8.00-8.00	SPT 50*/0 50/0			50/50			Grey LIMESTONE		
9.00-9.06	SPT 50*/20 50/40			50/50					
10.00-10.00	50/0 SPT 50*/0			50/50			Grey LIMESTONE		

Remarks Terminated at scheduled depth	Scale (approx)	Logged By
	1:50	
	Figure No. 23-0092.BH23	



Machine : Dando 2000 Method : Cable Percussion							Casing Diameter		Ground Level (mOD)		Site Cavan Regional Sports Centre		Borehole Number BH24	
							Location		Dates 29/11/2023		Client Cavan County Council		Job Number 23-0092	
											Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water					
0.50-1.00	B					(0.20) 0.20	TOPSOIL Firm becoming stiff brown slightly gravelly sandy CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.							
1.20-1.65	SPT N=14			2,2/3,3,4,4		(1.30)								
1.50-2.00	B					1.50	Stiff becoming very stiff brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.							
2.00-2.45	SPT N=25			2,3/4,5,6,10										
2.50-3.00	B								▼1					
3.00-3.45	SPT N=23			Water strike(1) at 3.00m, rose to 2.50m in 20 mins.		(3.90)			▼1					
3.50-4.00	B			2,3/5,5,6,7										
4.00-4.45	SPT N=40			9,10/9,12,10,9										
4.50-5.00	B													
5.00-5.33	SPT 50/180			12,14/17,21,12		5.40	Complete at 5.40m							
Remarks Terminated on possible bedrock/boulder								Scale (approx) 1:50		Logged By				
								Figure No. 23-0092.BH24						



Site
Cavan Regional Sports Centre

Borehole Number
BH25

Machine : Dando 2000
Method : Cable Percussion

Casing Diameter

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
29/11/2023

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50-1.00	B					(0.20) 0.20 (0.30) 0.50	<p>TOPSOIL</p> <p>Soft to firm brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.</p> <p>Soft to firm brownish grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.</p>		
1.20-1.65	SPT N=9			2,2/1,3,2,3					
1.50-2.00	B								
2.00-2.45	SPT N=14			1,2/3,2,4,5					
2.50-3.00	B					(4.40)			
3.00-3.45	SPT N=5								
3.50-4.00	B			Water strike(1) at 3.00m, no rise after 20 mins. 1,2/1,2,1,1					
4.00-4.45	SPT N=12			2,3/2,3,3,4					
4.50-4.90	B								
4.90-4.91	SPT 25*/10 50/0			25/50		4.90	Complete at 4.90m		

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.BH25

							Site	Borehole Number	
Machine : Dando 2000		Casing Diameter			Ground Level (mOD)		Client	Job Number	
Method : Cable Percussion		Location			Dates 01/02/2024		Mc Adam Design	23-0092	
							Engineer	Sheet	
							1/1		
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50 0.50-0.90	D B					(0.90)	Brown sandy silty CLAY. Sand is fine to coarse.		
1.00 1.20-1.65	D SPT N=10			2,2/3,2,2,3		0.90	Firm becoming stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.50-2.00	B								
2.00 2.00	D U					(2.70)			
2.50-2.95 2.50-3.00	SPT N=12 B			6,3/2,3,4,3					
3.00-3.45 3.00	SPT N=17 D			2,3/4,4,5,4					
3.60-4.00	B					3.60	Very stiff grey slightly sandy slightly gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
4.00 4.10-4.17	D SPT 25*/40			25/50					
4.10 4.50-5.00	U B			100 blows					
5.00-5.45 5.00	SPT N=46 D			6,7/8,12,12,14		(3.30)			
5.50-6.00	B								
6.00-6.30 6.00	SPT 50/150 D			9,11/16,34					
6.50-6.90	B								
6.90-6.90	SPT 25*/0 50/0			25/50		6.90	Complete at 6.90m		
Remarks Chiselling from 4.10m to 4.40m for 1 hour. Chiselling from 6.90m to 6.90m for 1 hour.								Scale (approx) 1:50	Logged By
								Figure No. 23-0092.BH05	



Site
Cavan Regional Sports Centre

Borehole Number
BH06

Machine : Dando 2000
Method : Cable Percussion

Casing Diameter

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
01/02/2024

Engineer
Mc Adam Design

Sheet
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Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	D					(0.30)	TOPSOIL		
0.50-0.80	B					0.30	Brown gravelly CLAY. Gravel is subangular to subrounded fine to coarse.		
1.00	D					(0.50)	Frim becoming stiff slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
1.20-1.65	SPT N=13			2,3/3,3,3,4		0.80			
1.50-2.00	B								
2.00-2.45	SPT N=15			3,3/4,4,3,4		(2.40)			
2.00	D								
2.50-3.00	B								
3.00-3.20	SPT 50/50			5,6/50		3.20			
3.00	D						Complete at 3.20m		

Remarks
No groundwater encountered
Chiselling from 3.20m to 3.20m for 1 hour.

Scale (approx)
1:50

Logged By

Figure No.
23-0092.BH06



							Site	Borehole Number	
Machine : Dando 2000		Casing Diameter			Ground Level (mOD)		Client	Job Number	
Method : Cable Percussion		Location			Dates 01/02/2024		Mc Adam Design	23-0092	
							Engineer	Sheet	
							Mc Adam Design	1/1	
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						(0.30)	TOPSOIL		
						0.30	Brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
						(0.90)			
1.20-1.65	SPT N=12			2,2/2,3,3,4		1.20	Firm to stiff grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.00-2.45	SPT N=14			3,4/3,4,3,4		(1.90)			
3.00-3.45	SPT N=26			4,6/6,6,6,8		3.10	Stiff to very stiff grey slightly sandy slightly gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
4.00-4.45	SPT N=36			6,7/9,8,9,10		(3.10)			
5.00-5.43	SPT 50/280			6,8/8,11,15,16		6.20	Complete at 6.20m		
Remarks Chiselling from 6.20m to 6.20m for 1 hour.								Scale (approx) 1:50	Logged By
								Figure No. 23-0092.BH11	

							Site Cavan Regional Sports Centre		Borehole Number BH19
Machine : Dando 2000 Method : Cable Percussion		Casing Diameter			Ground Level (mOD)		Client Cavan County Council		Job Number 23-0092
		Location			Dates 01/02/2024		Engineer Mc Adam Design		Sheet 1/1
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
1.20-1.65	SPT N=11			2,2/3,3,2,3		0.20 0.20	TOPSOIL Firm grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.00-2.45	SPT N=14			3,3/3,4,3,4		(2.80)			
3.00-3.45	SPT N=27			3,5/6,6,7,8		3.00	Complete at 4.90m		
4.00-4.45	SPT N=34			7,7/8,10,8,8					
4.90-4.95	SPT 25*/20 50/30			25/50					
Remarks No groundwater encountered Chiselling from 4.90m to 4.90m for 1 hour.								Scale (approx) 1:50	Logged By
								Figure No. 23-0092.BH19	



					Site Cavan Regional Sports Centre			Number SBH01	
Machine : Dando Terrier Method : Drive-in Windowless Sampler		Dimensions 150mm to		Ground Level (mOD)	Client Cavan County Council			Job Number 23-0092	
		Location		Dates 22/01/2024	Engineer Mc Adam Design			Sheet 1/10	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				0.20	TOPSOIL			
1.00	ES				1.20	Firm bluish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				1.40	Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
3.00	ES				3.00	Complete at 3.00m			
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.SBH01		



Site
Cavan Regional Sports Centre

Number
SBH02

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
22/01/2024

Engineer
Mc Adam Design

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	ES				(0.20) 0.20	TOPSOIL		
1.00	ES				(0.90)	Firm Bluish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.00	ES		Water strike(1) at 2.00m, rose to 1.40m in 20 mins.		1.10	Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		▼1
3.00	ES				(2.10)			▽1
					3.20	Complete at 3.20m		

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH02



Site
Cavan Regional Sports Centre

Number
SBH04

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
22/01/2024

Engineer
Mc Adam Design

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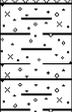
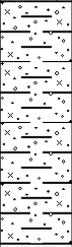
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL			
1.00	ES				(1.10)	Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES		Water strike(1) at 2.00m, rose to 1.90m in 20 mins.		1.30 (1.30)	Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					2.60	Complete at 2.60m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH04

					Site Cavan Regional Sports Centre			Number SBH05	
Machine : Dando Terrier Method : Drive-in Windowless Sampler		Dimensions 150mm to		Ground Level (mOD)	Client Cavan County Council			Job Number 23-0092	
		Location		Dates 22/01/2024	Engineer Mc Adam Design			Sheet 5/19	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.80)	MADE GROUND: Firm brown slightly sandy gravelly CLAY with fragments of red brick. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(0.50)	Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				(1.60)	Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					2.90	Complete at 2.90m			
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.SBH05		



Site
Cavan Regional Sports Centre

Number
SBH06

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
23/01/2024

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL			
1.00	ES				(1.40)	Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES		Water strike(1) at 2.00m, rose to 1.70m in 20 mins.		1.60 (0.80)	Firm brownish grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		▽1	
					2.40	Complete at 2.40m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH06



Site
Cavan Regional Sports Centre

Number
SBH07

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
23/01/2024

Engineer
Mc Adam Design

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES					Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES		Water strike(1) at 2.00m, rose to 1.20m in 20 mins.		(2.20)			▼1	
					2.50	Complete at 2.50m		▽1	

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH07

					Site Cavan Regional Sports Centre			Number SBH08	
Machine : Dando Terrier Method : Drive-in Windowless Sampler		Dimensions 150mm to		Ground Level (mOD)	Client Cavan County Council			Job Number 23-0092	
		Location		Dates 23/01/2024	Engineer Mc Adam Design			Sheet 8/18	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL Firm brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	                                         <		



Site
Cavan Regional Sports Centre

Number
SBH09

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
23/01/2024

Engineer
Mc Adam Design

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES					Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				(2.70)				
3.00	ES				3.00	Complete at 3.00m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH09



Site
Cavan Regional Sports Centre

Number
SBH10

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
23/01/2024

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES				(1.40)	Firm Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				1.70	Complete at 3.40m			
3.00	ES								

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH10



Site
Cavan Regional Sports Centre

Number
SBH11

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
24/01/2024

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(2.60)				
2.00	ES				2.80	Complete at 2.80m			

Remarks
Terminated on possible bedrock/boulde

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH11



Site
Cavan Regional Sports Centre

Number
SBH12

Machine : Dando terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
24/01/2024

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				0.10 (0.30) 0.40	MADE GROUND: Grey angular fine to medium GRAVEL. (Compacted)			
1.00	ES					MADE GROUND: Grey and brown silty sandy angular fine to coarse GRAVEL. Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		▽1	
2.00	ES		Water strike(1) at 2.00m, rose to 1.10m in 20 mins.		(3.60)			▽1	
3.00	ES								
4.00	ES				4.00	Complete at 4.00m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH12



Site
Cavan Regional Sports Centre

Number
SBH13

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
24/01/2024

Engineer
Mc Adam Design

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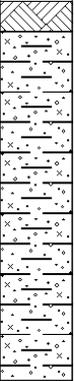
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				0.50	TOPSOIL			
1.00	ES				1.80	MADE GROUND: Firm greyish brown slightly sandy gravelly silty CLAY with fragments of red brick. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				2.30	Complete at 2.30m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH13

					Site Cavan Regional Sports Centre			Number SBH14	
Machine : Dando Terrier Method : Drive-in Windowless Sampler		Dimensions 150mm to		Ground Level (mOD)	Client Cavan County Council			Job Number 23-0092	
		Location		Dates 24/01/2024	Engineer Mc Adam Design			Sheet 14/19	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(2.30)				
2.00	ES				2.50	Complete at 2.50m			
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.SBH14		



Site
Cavan Regional Sports Centre

Number
SBH15

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
24/01/2024

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL Firm Brown slightly snady slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(1.10)				
2.00	ES				1.30 (1.50)	Firm grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					2.80	Complete at 2.80m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH15



Site
Cavan Regional Sports Centre

Number
SBH19

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
25/01/2024

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL			
1.00	ES					Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES			(2.80)					
3.00	ES		Water strike(1) at 3.00m, rose to 2.00m in 20 mins.		3.00	Complete at 3.00m		▽1	

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH19



Site
Cavan Regional Sports Centre

Number
SBH22

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
26/01/2024

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL Firm bluish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES								
2.00	ES				(3.80)				
3.00	ES								
4.00	ES				4.00	Complete at 4.00m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH22

					Site Cavan Regional Sports Centre			Number SBH23	
Machine : Dando Terrier Method : Drive-in Windowless Sampler		Dimensions 150mm to		Ground Level (mOD)	Client Cavan County Council			Job Number 23-0092	
		Location		Dates 25/01/2024	Engineer Mc Adam Design			Sheet 18/19	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(2.50)				
2.00	ES				2.80	Complete at 2.80m			
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.SBH23		



Machine : Dando Terrier Method : Drive-in Windowless Sampler					Dimensions 150mm to		Ground Level (mOD)		Site Cavan Regional Sports Centre		Number SBH24	
					Location		Dates 25/01/2024		Client Cavan County Council		Job Number 23-0092	
									Engineer Mc Adam Design		Sheet 19/19	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr			
					0.30	TOPSOIL						
					1.90	Firm bluish Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.						
					2.20	Complete at 2.20m						
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50		Logged By			
							Figure No. 23-0092.SBH24					



Site
Cavan Regional Sports Centre

Number
SBH02

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
22/01/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	ES				(0.20) 0.20	TOPSOIL		
1.00	ES				(0.90)	Firm Bluish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
2.00	ES		Water strike(1) at 2.00m, rose to 1.40m in 20 mins.		1.10	Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		▼1
3.00	ES				(2.10)			▽1
					3.20	Complete at 3.20m		

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH02



Site
Cavan Regional Sports Centre

Number
SBH04

Machine : Dando Terrier	Dimensions 150mm to	Ground Level (mOD)	Client Cavan County Council	Job Number 23-0092
Method : Drive-in Windowless Sampler	Location	Dates 22/01/2024	Engineer Mc Adam Design	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				0.20	TOPSOIL			
1.00	ES				(1.10)	Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES		Water strike(1) at 2.00m, rose to 1.90m in 20 mins.		1.30	Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		▼	
					(1.30)				
					2.60	Complete at 2.60m			

Remarks Terminated on possible bedrock/boulder	Scale (approx) 1:50	Logged By
	Figure No. 23-0092.SBH04	



Site
Cavan Regional Sports Centre

Number
SBH05

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
22/01/2024

Engineer
Mc Adam Design

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.80)	MADE GROUND: Firm brown slightly sandy gravelly CLAY with fragments of red brick. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(0.50)	Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				(1.60)	Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					2.90	Complete at 2.90m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH05



Site
Cavan Regional Sports Centre

Number
SBH06

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
23/01/2024

Engineer
Mc Adam Design

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL			
1.00	ES				(1.40)	Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES		Water strike(1) at 2.00m, rose to 1.70m in 20 mins.		1.60 (0.80)	Firm brownish grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		▽1	
					2.40	Complete at 2.40m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH06



Site
Cavan Regional Sports Centre

Number
SBH07

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
23/01/2024

Engineer
Mc Adam Design

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES					Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES		Water strike(1) at 2.00m, rose to 1.20m in 20 mins.		(2.20)			▽1	
					2.50	Complete at 2.50m		▽1	

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH07



Site
Cavan Regional Sports Centre

Number
SBH08

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
23/01/2024

Engineer
Mc Adam Design

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES					Firm brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				(2.30)				
					2.60	Complete at 2.60m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH08



Site
Cavan Regional Sports Centre

Number
SBH09

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
23/01/2024

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES					Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				(2.70)				
3.00	ES				3.00	Complete at 3.00m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH09



Site
Cavan Regional Sports Centre

Number
SBH10

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
23/01/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES				(1.40)	Firm Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				1.70	Complete at 3.40m			
3.00	ES								

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH10



					Site Cavan Regional Sports Centre			Number SBH11	
Machine : Dando Terrier Method : Drive-in Windowless Sampler		Dimensions 150mm to		Ground Level (mOD)	Client Cavan County Council			Job Number 23-0092	
		Location		Dates 24/01/2024	Engineer Mc Adam Design			Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(2.60)				
2.00	ES				2.80	Complete at 2.80m			
Remarks Terminated on possible bedrock/boulde							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.SBH11		



Site
Cavan Regional Sports Centre

Number
SBH12

Machine : Dando terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
24/01/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				0.10 (0.30) 0.40	MADE GROUND: Grey angular fine to medium GRAVEL. (Compacted)			
1.00	ES					MADE GROUND: Grey and brown silty sandy angular fine to coarse GRAVEL. Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		▽1	
2.00	ES		Water strike(1) at 2.00m, rose to 1.10m in 20 mins.		(3.60)			▽1	
3.00	ES								
4.00	ES				4.00	Complete at 4.00m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH12



					Site Cavan Regional Sports Centre			Number SBH13	
Machine : Dando Terrier Method : Drive-in Windowless Sampler		Dimensions 150mm to		Ground Level (mOD)	Client Cavan County Council			Job Number 23-0092	
		Location		Dates 24/01/2024	Engineer Mc Adam Design			Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				0.50	TOPSOIL			
1.00	ES				1.80	MADE GROUND: Firm greyish brown slightly sandy gravelly silty CLAY with fragments of red brick. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				2.30	Complete at 2.30m			
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.SBH13		



Site
Cavan Regional Sports Centre

Number
SBH14

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
24/01/2024

Engineer
Mc Adam Design

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(2.30)				
2.00	ES				2.50	Complete at 2.50m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH14



					Site Cavan Regional Sports Centre			Number SBH15	
Machine : Dando Terrier Method : Drive-in Windowless Sampler		Dimensions 150mm to		Ground Level (mOD)	Client Cavan County Council			Job Number 23-0092	
		Location		Dates 24/01/2024	Engineer Mc Adam Design			Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL Firm Brown slightly snady slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(1.10)				
2.00	ES				1.30	Firm grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					(1.50)				
					2.80	Complete at 2.80m			
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.SBH15		



Site
Cavan Regional Sports Centre

Number
SBH19

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
25/01/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL			
1.00	ES					Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES			(2.80)					
3.00	ES		Water strike(1) at 3.00m, rose to 2.00m in 20 mins.		3.00	Complete at 3.00m		▽1	

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH19



Northwest Geotech					Site		Number		
Machine : Dando Terrier					Cavan Regional Sports Centre		SBH22		
Method : Drive-in Windowless Sampler					Client		Job Number		
Dimensions 150mm to					Cavan County Council		23-0092		
Location					Dates 26/01/2024		Engineer		
					Mc Adam Design		Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.20) 0.20	TOPSOIL Firm bluish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES								
2.00	ES				(3.80)				
3.00	ES								
4.00	ES				4.00	Complete at 4.00m			
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.SBH22		

					Site Cavan Regional Sports Centre			Number SBH23	
Machine : Dando Terrier Method : Drive-in Windowless Sampler		Dimensions 150mm to		Ground Level (mOD)	Client Cavan County Council			Job Number 23-0092	
		Location		Dates 25/01/2024	Engineer Mc Adam Design			Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
1.00	ES				(2.50)				
2.00	ES				2.80	Complete at 2.80m			
Remarks Terminated on possible bedrock/boulder							Scale (approx) 1:50	Logged By	
							Figure No. 23-0092.SBH23		



Site
Cavan Regional Sports Centre

Number
SBH24

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
25/01/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
					0.30	TOPSOIL			
					0.30	Firm bluish Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
					1.90				
					2.20	Complete at 2.20m			

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH24



Site
Cavan Regional Sports Centre

Number
SBH03

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions
150mm to

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
22/01/2024

Engineer
Mc Adam Design

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES					Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES		Water strike(1) at 2.00m, rose to 1.50m in 20 mins.		(2.90)			▽1	
					3.20	Complete at 3.20m		▽1	

Remarks
Terminated on possible bedrock/boulder

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH03



Site
Cavan Regional Sports Centre

Number
SBH16

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
01/02/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES					Firm brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse.			
2.00	ES			(3.70)					
3.00	ES								
4.00	ES			4.00					
						Complete at 4.00m			

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH16



Site
Cavan Regional Sports Centre

Number
SBH17

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
01/02/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.25) 0.25	TOPSOIL Firm brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse.			
1.00	ES								
2.00	ES				(3.75)				
3.00	ES								
4.00	ES				4.00	Complete at 4.00m			

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH17



Site
Cavan Regional Sports Centre

Number
SBH18

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
01/02/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				0.35	MADE GROUND: Grey angular fine to coarse GRAVEL.			
1.00	ES					Firm brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse.			
2.00	ES				(3.65)				
3.00	ES								
4.00	ES				4.00	Complete at 4.00m			

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH18



Site
Cavan Regional Sports Centre

Number
SBH20

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
01/02/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES					Firm brown sand gravelly CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse.			
2.00	ES				(3.70)				
3.00	ES								
4.00	ES				4.00	Complete at 4.00m			

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH20



Site
Cavan Regional Sports Centre

Number
SBH21

Machine : Dando Terrier
Method : Drive-in Windowless Sampler

Dimensions

Ground Level (mOD)

Client
Cavan County Council

Job Number
23-0092

Location

Dates
01/02/2024

Engineer
Mc Adam Design

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30) 0.30	TOPSOIL			
1.00	ES					Firm brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse.			
2.00	ES				(2.70)				
3.00	ES				3.00	Complete at 3.00m			

Remarks

Scale (approx)
1:50

Logged By

Figure No.
23-0092.SBH21



Northwest Geotech					Site		Number					
Machine : Dando Terrier Method : Drive-in Windowless Sampler					Dimensions		Ground Level (mOD)		Cavan Regional Sports Centre		SBH25	
					Location		Dates 01/02/2024		Client Cavan County Council		Job Number 23-0092	
						Engineer Mc Adam Design		Sheet 1/1				
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water				
0.50	ES				(0.60)	MADE GROUND: Firm brown very sandy CLAY with quarry stones. Sand is fine to coarse.						
1.00	ES				0.60	Firm to stiff brown slightly sandy slightly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.						
2.00	ES				(2.50)							
					3.10	Complete at 3.10m						

Remarks

Scale (approx) Logged By

1:50

Figure No.
23-0092.SBH25