North Geote	west ech					Site Cavan Regional Sports Centre	Trial F Numb TP0
achine:E: ethod :Tr		Dimension	IS	Ground	Level (mOD)	Client Cavan County Council	Job Numb 23-00
		Location		Dates 06	6/12/2023	Engineer Mc Adam Design	Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Record	s Level (mOD)	Depth (m) (Thickness)	Description	Legend
an						TOPSOIL Soft grey slightly sandy SILT. Sand is fine to medium. Firm brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.40m	
•		·			• •	Trail pit stable No groundwater encountered	
		•			•••		
		•			•••		
				·	•••		
				•	•••		
•	· ·	•		•	• • 🗆	Scale (approx) Logged By F	igure No.

Ceotech					Site Cavan Regional Sports Centre	Trial Pit Numbe TP02
achine : Excavator ethod : Trial Pit	Dimension	15	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 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
				0.10 (0.50) 0.60 (1.90) (1.90) (1.00)	TOPSOIL Grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. 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 3.50m	
Plan				•••	Remarks No groundwater encountered	
	·					
 		 	· ·			

Location Dates 06/12/2023 Engineer Mc Adam Design Sheet 1/1	North Geot	west ech					Site Cavan Regional Sports Centre	Trial P Numbe TP0
Deght Sample / Tests Werry (m) Field Records Ar300 (m) Control (m) Description Legend an			Dimension	IS	Ground	Level (mOD)		Job Numbe 23-009
an .			Location		Dates 06	5/12/2023		Sheet 1/1
an .	Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
Ian .						(0.30) 0.30		
an .						(0.60)		
Ian .						0.90	Spongy dark brown PEAT.	
an .						(0.45) 1.35		مالاد مالاد مالاد
an .							Him brown and grey slightly sandy slightly gravelity CLAY with low cobble and boulder content. Sand is fine to coars Gravel is subangular to subrounded fine to coarse.	e 0, 7
an .								
an .						(1.95)		
an .								
an .								
an .						3.30	Complete at 3 30m	<u>~~</u> ~
n								
an .								
an .								
an .								
an .								
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an .								
an .						<u> </u>		
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an .								
Image: Solution of the state of t								
. .	an .					•••		
							Trial pit stable No groundwater encountered	
						-		
						5		

North Geote	west ech					Site Cavan Regional Sports Centre	Trial Pit Number TP04
achine : Ex ethod : Tr		Dimension	ns	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Location		Dates 06	6/12/2023	Engineer Mc Adam Design	Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
Plan						TOPSOIL Firm orangish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.70m Remarks	
		·		·		Trial pit stable No groundwater encountered	
·		·		·	•••		
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					•••		
					1		
					•••		

Northwest Geotech						Site Cavan Regional Sports Centre	Trial Pi Numbe TP0
achine : Excavator ethod : Trial Pit	Dimens	ions		Ground	Level (mOI	Client Cavan County Council	Job Numbe 23-009
	Locatio	'n		Dates 01	/02/2024	Engineer Mc Adam Design	Sheet 1/1
Depth (m) Sample / Tests	Water Depth (m)	Field F	Records	Level (mOD)	Depth (m) (Thicknes) Description	Legend
		Water strike(1) at 3.30m.			MADE GROUND: Grey slightly sandy gravelly clayey SILT with fragments of red brick. Sand is fine to coarse. Gravel is subangular fine to coarse. Brownish grey slightly snady gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
Plan	•			•		Remarks Groundwater from surface run off and water trapped in made gr	ound.
				•	· ·		
				•			
· · ·					· ·		

florthwest Geotech					Site Cavan Regional Sports Centre	Trial Pit Number TP06
Iachine : Excavator Iethod : Trial Pit	Dimension	IS	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
Plan					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. 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) Complete at 3.00m	
····· · · ·	•			•••	No groundwater encountered	
	•		- ,			
			-			
				1		
· · · ·		· · ·	•			

North Geote	west ech					Site Cavan Regional Sports Centre	Trial Pit Number TP07
lachine : E		Dimension	ns	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Location		Dates	1/02/2024	Engineer Mc Adam Design	Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
.00-2.00	В					Brown silty CLAY. Grey slightly sandy gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. (Possible weathered bedrock) Complete at 3.50m Remarks	
		•		•	• •	Water in pit from surface run off	
		•		•	•••		
					•••		
		•		•			

Northwest Geotech					Site Cavan Regional Sports Centre	Trial Pir Numbe
achine : Excavator ethod : Trial Pit	Dimensior	ıs	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
	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
lan					TOPSOIL MADE GROUND: Grey slighty sandy slightly silty subangular to subrounded fine to coarse GRAVEL with low cobble content and metal scraps. Sand is fine to coarse. Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. 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) Complete at 3.00m	
	·					
				•		
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Geole	uest ech					Site Cavan Regional Sports Centre	Trial Pit Numbe TP09
achine:E> ethod :Tr		Dimension	ns	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-0092
		Location		Dates 06	6/12/2023	Engineer Mc Adam Design	Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
lan .						TOPSOIL Firm orangish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 4.00m Remarks	
		·		·	• •	Trial pit unstable No groundwater encountered	
					•••		
•							
· ·	· ·						
•	· ·		 		· ·		

Northwest Geotech					Site Cavan Regional Sports Centre	Trial Pi Numbe TP1(
lachine : Excavator lethod : Trial Pit	Dimensior	IS	Ground	Level (mOD	Client Cavan County Council	Job Numbe 23-009
	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
					Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. 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) Complete at 2.50m	
Plan					Remarks No groundwater encountered	
			-			
· · ·	•	 				

Geote	uest ich					Site Cavan Regional Sports Centre	Trial F Numb TP1
Machine : Ex Method : Tri		Dimensior	15	Ground	Level (mOD	Client Cavan County Council	Job Numb 23-00
		Location		Dates 0	7/12/2023	Engineer Mc Adam Design	Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness	Description	Legend
Plan .						Firm slightly sandy slightly gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Very stiff slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
						Refusal on very stiff clay.	
		•			1		
	· ·	•					

Northwes Geotech	t					Site Cavan Regional Sports Centre	Trial Pi Numbe
achine : Excava		Dimensior	IS	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
		Location		Dates	5/12/2023	Engineer Mc Adam Design	Sheet 1/1
Depth (m) Sa	mple / Tests	Water Depth (m)	Field Record	ds (mOD)	Depth (m) (Thickness)	Description	Legend
Yan						MADE GROUND: Grey angular fine to coarse GRAVEL. MADE GROUND: Firm orangish brown and greyish brown slightly sandy slightly gravelly silty CLAY with low cobble and boulder content and fragments of red brick, concrete and polythene. Sand is fine to coarse. Gravel is subangular fine to coarse. (Boulders are >800mm) Complete at 3.20m Remarks	
·		·				Trial pit unstable No groundwater encountered Trail pit very difficult to dig with small bucket	
		•			•••	The prevery difficult to dig with small bucket	
		·			· ·		
	• •	•	· ·				

Geot	west ech					Site Cavan Regional Sports Centre	Trial Pi Numbe TP1:
achine : E ethod :T		Dimension	S	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
		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
						TOPSOIL Firm orangish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Very stiff grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 4.00m	
llan				• •	• •		
lan .	· ·	•				Trail pit stable No groundwater encountered	
an _	· ·					Trail pit stable No groundwater encountered	
an _	· · ·		· · · ·	 		Trail pit stable No groundwater encountered	
lan	· · ·		· · · ·	· ·		Trail pit stable No groundwater encountered	
lan .	· · · · · · · · · · · · · · · · · · ·	· · ·	· · · ·	· ·		Trail pit stable No groundwater encountered	

Geotec	est h					Site Cavan Regional Sports Centre	Trial Pit Number TP14
Vachine : Exca Method : Trial		Dimension	IS	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Location		Dates	1/02/2024	Engineer Mc Adam Design	Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
.50	В				(0.30) 0.30 (0.90)	TOPSOIL Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
00	В					Brown slightly sandy gravelly clayey SILT with low cobble and boulder contnent. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
.00	В				(1.10)	Grey slightly sandy gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is	
.50 Plan	В					Complete at 2.50m	
				·	• •	No groundwater encountered	
· •							
	· ·						
	· ·	•		•	• •		

ethod : Trial Pit Colspan="3">Colspan="3">Colspan="3">Colspan="3">Colspan="3">Colspan="3">Colspan="3">Colspan="3" Number 23-005 Location Dates Colspan="3">Colspan="3">Colspan="3" Number 23-005 Location Dates Colspan="3">Colspan="3" Sheet Image: Colspan="3">Colspan="3" Colspan="3" Colspan="3" Sheet Dates Dates Colspan="3" Sheet Mage: Colspan="3" Colspan="3" Colspan="3" Colspan="3" Sheet Colspan="3" Colspan="3" Sheet Mage: Colspan="3" Colspan="3" Colspan="3"	Northwest Geotech							Site Cavan Regional Sports Centre	Trial P Numbe TP1
Depth (m) Sample / Tests Water Depth (m) Field Records Level (mOD) Depth (m) (Thickness) Description Legend Image: Construction of the second seco	Machine : Excavator Method : Trial Pit	C	Dimension	S	G	round Le	evel (mOD)		Job Numbe 23-009
		L	_ocation		D	0 ates 01/0	2/2024	-	Sheet 1/1
50 B 00 B 00 <td< th=""><th>Depth (m) Sample</th><th>/ Tests</th><th>Water Depth (m)</th><th>Field Reco</th><th>ords (</th><th>Level mOD)</th><th>Depth (m) Fhickness)</th><th>Description</th><th>Legend</th></td<>	Depth (m) Sample	/ Tests	Water Depth (m)	Field Reco	ords (Level mOD)	Depth (m) Fhickness)	Description	Legend
00 B 00 B 00 B 00 B 00 B 01 Complete at 3.00m 02 Complete at 3.00m							- 0.10 (0.20) 0.30 - (1.40)	MADE GROUND: Brown slightly sandy slightly gravelly CLAY with fragments of plastic and broken crockery. Sand fine to coarse. Gravel is subangular to subrounded fine to coarse. Brown slightly sandy slightly gravelly silty CLAY. Sand is fin	
00 B Complete at 3.00 Complete at 3.00m							(1.30) - (1.30)	Grey slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel	
	.00 B						- 3.00 	Complete at 3.00m	
	· ·				· ·				

north Geote						Site Cavan Regional Sports Centre	Trial Pi Numbe TP16
v Machine : E: Method : Tr		Dimension	S	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
		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
50	В				(0.30)	TOPSOIL Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	× · · · · · · ·
50	В				(0.70)		× • • • • • • • • • • • • • • • • • • •
00	В				(0.70)	Grey slightly sandy gravelly clayey SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
00	В				(1.30)	Grey slightly gravelly clayey SILT with low cobble and boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
	В					Complete at 3.00m	
lan .					•	Remarks No groundwater encountered	
						-	
		•			•		
•		•			s	cale (approx) Logged By Figu	ıre No.
						1:50 23	-0092.TP1

Northwest Geotech					Site Cavan Regional Sports Centre	Trial F Numb TP1	er
lachine : Excavator lethod : Trial Pit	Dimension	15	Ground	Level (mOD)	Client Cavan County Council	Job Numb 23-00	
	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	1
Plan					TOPSOIL Firm slightly sandy slightly gravelly sity CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Very stiff slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.30m		
	•		-				
			-	•			
	•						

1					Cavan Regional Sports Centre	Number TP18
fachine : Excavator fethod : Trial Pit	Dimensior	IS	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 / Tes	ts Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
.50 В .00 В .00 В				(0.20) (1.00) (1.00) (1.00) (1.30) (1.30) (1.30) (0.50) (0.50)	TOPSOIL Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Grey slightly sandy gravelly clayey SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
.00 B					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			•		Remarks No groundwater encountered	
· ·						
	· .					

Geot	west ech					Site Cavan Regional Sports Centre	Trial Pi Numbe
/lachine : E /lethod :T		Dimensior	IS	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
		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
					(0.40)	MADE GROUND: Grey angular fine to coarse GRAVEL.	
1.50 1.50-1.50	D B					MADE GROUND: Firm orangish brown slightly sandy slightly gravelly silty CLAY with low cobble and boulder content and fragments of red brick, concrete and polyrher Sand is fine to coarse. Gravel is subangular fine to coarse	e.
.50	D				(2.90)		
.00-3.00	В						
2.50	D						
					3.30	Complete at 3.30m	
Plan .	· ·				<u> </u>	Remarks	
						Trial pit unstable No groundwater encountered	
	· ·						
	· ·				.		
 					•		

Northwest Geotech							Site Cavan Regional Sports Centre	Trial Numb	oer
lachine : Excava lethod : Trial Pit		Dimensio	ns	Grour	ıd Level (mOD)	Client Cavan County Council	Job Numb 23-00	
		Location		Dates	01/02/202	24	Engineer Mc Adam Design	Sheet	
Depth (m) Sa	nple / Tests	Water Depth (m)	Field Rec	ords Leve (mOE	l De) (n (Thick	pth n) (ness)	Description	Legen	d
.00-2.00 B						(0,20) (0.20) (0.90) 1.10 (0.50) 1.60 (0.40) 2.00 (1.50) 3.50	TOPSOIL Brown clayey SILT. Brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. 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. Complete at 3.50m	×	
Plan .				· ·		•	temarks No groundwater encountered		
						•			
					•				
					•	•			
						.			

North Geot	west ech					Site Cavan Regional Sports Centre	Trial P Numbe TP2
v lachine : E lethod : T		Dimension	S	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
		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
.50	В				(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.	
00	В				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.	× · · · · · · · · · · · · · · · · · · ·
.00	В				(0.20) (0.70) (0.70) (0.70) (1.60) (1.60) (0.50) (0.50) (0.50) (0.50) (0.50)		× • • • × • •× • • • • • • •× • • • • •
					2.50	Grey slightly sandy slightly gravelly silty CLAY with high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	× • • • • • • • • • • • • • • • • • • •
00	В				3.00	Complete at 3.00m	× 0
lan _					Ē.,	Remarks	
•					•		
•					•		
						icale (approx) Logged By Figu	ure No.
							3-0092.TP2

- Northu Geote	D 0.5					Site Cavan Regional Sports Centre	Trial Pit Number TP22
Machine : Ex Method : Tri		Dimensior	15	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
2.00 3.50 Plan	B0.5 B1 B2.5					TOPSOIL Soft orangis brown slightly sandy slightly gravelly silty CLAY Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.80m	× ···
						Trail pit unstable No groundwater encountered	
 	 			· ·			
					. s		Jre No. 3-0092.TP22

North Geota	west ech					Site Cavan Regional Sports Centre	Trial Pit Number TP23
Machine : E Method : Tr		Dimensior	IS	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Location		Dates 05	5/12/2023	Engineer Mc Adam Design	Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
0.50 0.50-1.50 0.00	D B D					MADE GROUND: Grey angular fine to coarse GRAVEL. 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.	
Plan .					• •	Remarks Trial pit abandoned due to service uncovered. Trial pit unstable No groundwater encountered	
						No groundwater encountered	
	· ·	•	· · ·		· ·		
	· ·	•			s		ure No. 3-0092.TP23

north Geote	west 2ch					Site Cavan Regional Sports Centre	Trial Pit Number TP24
lachine : E		Dimension	ns	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Location		Dates	5/12/2023	Engineer Mc Adam Design	Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
20 20	BD					MADE GROUND: Grey angular fine to coarse GRAVEL. MADE GROUND: Firm greyish brown slightly sandy slightly gravely silty CLAY with low cobble and boulder content and fragments of brick, bitmac and polythene. Sand is fine to coarse. Gravel is subangular fine to coarse. Cobbles and boulders are angular. Complete at 2.30m	
				•	•••	Trail bit stable	
		·			•••	No groundwater encountered Refusal to digging on large fragments of bitmac, possible old i TP location restricted due to power cable	oad.
	· ·		· · ·	•	 		
					<mark>.</mark>	Scale (approx) Logged By Figu	ire No.

north Geot	west ech					Site Cavan Regional Sports Centre	Trial Pi Numbe		
Wachine : E Method : T		Dimens	ions	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092		
		Locatio	n	Dates 28	8/11/2023	Engineer Mc Adam Design	Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend		
0.30-0.80 0.50 1.00-1.60 1.40	B D D		Water strike(1) at 1.60m			TOPSOIL Soft to firm brown very sandy SILT. Sand is fine to coarse. Stiff grey slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Gravel is subarounded fine to coarse. Cobbles and boulders are angular. Complete at 1.60m			
Plan .				•	• •	Remarks Refusal on rock at 1.60m			
					· ·				
					<u></u> s		jure No. 3-0092.TP25		

, North Geote	west 2ch					Site Cavan Regional Sports Centre	Trial P Numb TP2	ber	
Machine : Ex		Dimens	ions	Ground	Level (mOD)	Client Cavan County Council	Job Numb 23-00		
		Locatio	n	Dates 28	3/11/2023	Engineer Mc Adam Design		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	s Level (mOD)	Depth (m) (Thickness)	Description	Legend	k	
9.50 .00-1.50 .50 .00-2.60	D B D B		Water strike(1) at 2.6	0m.		TOPSOIL 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) 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. Firm to stiff brownish grey slightly sandy slightly gravelly CLAY with low cobble and boulder content. Sand is fine to coarse. Cobbles and boulders are angular. Complete at 2.60m		$+$ $\frac{1}{2}$	
Plan .					• •	Remarks Refusal at 2.60m on rock.			
					•••				
•	· ·			 	· ·				
							re No. 0092.TP2	_	

North Geote	west ech					Site Cavan Regional Sports Centre	Trial Pit Number TP27	
Machine : E Method : Tr		Dimens	ions	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092 Sheet 1/1	
		Locatio	n	Dates 28	8/11/2023	Engineer Mc Adam Design		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	
0.40-1.00 0.50 1.20-1.80 1.50 Plan	B D D		Water strike(1) at 1.80m.			TOPSOIL Soft grey and brown slightly sandy slightly gravelly SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobles and boulders are angular. (Boulders are >700mm) Complete at 1.80m		
		·		-				
		·		-	•••			
· ·	· ·		· · ·		· · ·			
					s		re No. -0092.TP27	

Northwest Geotech							Site Cavan Regional Sports Centre	Trial Pit Numbe TP28	
achine : Excavator ethod : Trial Pit		Dimensio	ons		Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-0092	
		Location			Dates 29/11/2023		Engineer Mc Adam Design	Sheet 1/1	
Depth (m) Sample /	Tests	Water Depth (m)	Fiel	d Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	
							TOPSOIL Firm to stiff brown slightly sandy slightly gravelly CLAY with low coarse. Gravel is subangular to subrounded fine to coarse. 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. Gravel is subangular to subrounded fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.10m		
							Trial pit unstable, partial collapse 0.3-0.9m		
· ·				· ·	· ·				
						<u>-</u>	cale (approx) Logged By Fig	gure No.	

Northwest Geotech					Site Cavan Regional Sports Centre	Trial P Numbe TP2
achine : Excavator ethod : Trial Pit	Dimension	IS	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
	Location		Dates 29	9/11/2023	Engineer Mc Adam Design	
Depth (m) Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
Image: Particular sector se					TOPSOIL 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. Gravel is subangular to subrounded fine to coarse. 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. Complete at 2.80m	
					Trail pit stable No groundwater encountered	

Northwest Geotech					Site Cavan Regional Sports Centre	Trial Pit Number TP30	
achine : Excavator ethod : Trial Pit	Dimension	IS	Ground I	₋evel (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	
Yan					TOPSOIL 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. 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. Complete at 2.60m Remarks		
					Partial collapse 0.30m to 2.10m No groundwater encountered		
	•			•			
				_			
· · · ·	•	 					
· · · ·		· · · ·	· · ·				

Northwes Geotech	t						Site Cavan Regional Sports Centre	Trial Pit Number TP31	
Machine : Excava		Dimensio	ns		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) Sa	mple / Tests	Water Depth (m)	Field Re	ecords	Level (mOD)	Depth (m) (Thickness	Description	Legend	
Plan .							TOPSOIL Firm brown and greyish brown slightly sandy slightly gravelly slubrounded fine to coarse. Very stiff brown and greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Very stiff brown and greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.50m		
							No groundwater encountered Collapsing from 2.30m to 2.60m		
	· ·	•							
	· ·								
	· · ·		 	•					

Northwest Geotech					Site Cavan Regional Sports Centre	Trial Pi Numbe	
lachine : Excavator lethod : Trial Pit	Dimensior	ns	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092 Sheet 1/1	
	Location		Dates 01	/02/2024	Engineer Mc Adam Design		
Depth (m) Sample / Tes	ts Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	
Pan					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. Complete at 2.90m		
Idli					Trial pit stable No groundwater encountered		
 		· · ·	· ·				
 		· · · ·	· ·				

Northwest Geotech					Site Cavan Regional Sports Centre	Trial Pit Number TP33
achine : Excavator ethod : Trial Pit	Dimensior	IS	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
	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
					TOPSOIL Firm grey and brown slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine coarse. Gravel is subangular to subrounded fine to coars Boulders are angular >700mm. Complete at 3.30m	
lan				•	Remarks No groundwater encountered Trail pit unstable, sides collapsing	
					กาลแ คน แกรเฉมเซ, รเนซร บบแสมรแญ	
		· · ·		•		
					cale (approx) Logged By	

North Geote	uest ch					Site Cavan Regional Sports Centre	Trial P Numb TP3	
achine:E ethod :Tr		Dimension	IS	Ground	l Level (mOD)	Client Cavan County Council	Job Numb 23-00	
		Location		Dates 29	9/11/2023	Engineer Mc Adam Design	Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	s Level (mOD)	Depth (m) (Thickness)	Description	Legend	
						TOPSOIL Firm grey and brown slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.30m		
lan .		•			· · ·	Trial pit stable No groundwater encountered		
·					•••			
		•						
·					•••			
		•		•	· ·			

Northwest Geotech					Site Cavan Regional Sports Centre	Trial Pit Number TP35	
Nachine : Excavator Nethod : Trial Pit	Dimensior	IS	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	
Plan					TOPSOIL Firm grey and brown slightly sandy slightly gravelly silty CLAY with low cobble and boulder content. Sand is fine to coarse. obbles and boulders are rounded. Complete at 2.60m		
					Trial pit unstable, sides collapsing No groundwater encountered		
	-		•				
		-		-			
 		· · ·		 			

	west ech							Site Cavan Regional Sports Centre	Boreh Numb DBH		
Machine:C Flush :	omacchio (305	Casing	Diamete	r	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009		
Core Dia: m Method : R		d	Locatio	n		Dates 12	2/12/2023	Engineer Mc Adam Design	Sheet 1/2		
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
								TOPSOIL Brown slightly gravelly very sandy CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
Remarks			1	1	1			Scale (approx	Logge By	d	
								1:50			
								Figure 23-00	No. 192.DBH01	I	

northu Geote	vest ich							Site Cavan Regional Sports Centre		Borehole Number DBH01
Machine : Co Flush :	omacchio 3	805	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council		Job Number 23-0092
Core Dia:m Method :Ro		ł	Locatio	n		Dates	2/12/2023	Engineer		Sheet
								Mc Adam Design		2/2
Remarks	TCR (%)	SCR (%)	RQD (%)	FI	Field Records			Complete at 15.00m		
									Scale (approx)	Logged By
									1:50	
									Figure N 23-009	10. 92.DBH01

Geote	uest ich							Site Cavan Regional Sports Centre	Borehol Number DBH02
Machine : Co Flush :		305	Casing	Diamete	r	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
Core Dia:m lethod :Ro		d	Locatio	n		Dates 13	3/12/2023	Engineer Mc Adam Design	Sheet 1/2
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
							(0.20) 0.20 0.20 (5.40)	TOPSOIL Brown slightly gravelly very sandy CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
Remarks							<u>-</u>	Scale (approx	Logged By
								1:50	No
								Figure 23-00	No. 092.DBH02

								Site			Boreho Numbe	ole
Geote	west ech							Cavan Regional Sports	Centre		DBH	
Machine : Co	omacchio	305	Casing	Diameter	r	Ground	Level (mOD)	Client			Job Numbe	
Flush :								Cavan County Council			Numbe 23-009	er 92
Core Dia: m	ım					Datas		F				
Method : Re	otary Core	d	Locatio	n		Dates 13	/12/2023	Engineer Mc Adam Design			Sheet 2/2	
								Nic Adam Design				
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)		Description		Legend	Water
Remarks								Complete at 15.00m		Scale		
Remarks										Scale (approx)	Logge By	d
										1:50		
										Figure N 23-009	lo. 2.DBH02	2

Geote	uest ich							Site Cavan Regional Sports Centre		Boreho Number DBH0
Machine : Co Iush :	omacchio	305	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council		Job Number 23-0092
Core Dia: m	m		Locatio	n		Dates		Engineer		Sheet
lethod : Ro	otary Core	d	Locatio			11	/12/2023	Mc Adam Design		1/2
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend
							(0.30)	TOPSOIL		
								Grey slightly sandy slightly gravelly silty CLAY w boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	ith low 3	
Remarks									Scale (approx)	
									1:50	
									Figure N	NO. 92.DBH03

, Northu Geote	vest ich							Site Cavan Regional Sports	s Centre		Borehol Number
Machine : Co Flush :	omacchio 3	305	Casing	Diameter		Ground	Level (mOD)	Client Cavan County Council			Job Number 23-0092
Core Dia:m Method :Ro		d	Locatio	n		Dates 11	/12/2023	Engineer Mc Adam Design			Sheet 2/2
		d (%)	RQD (%)	n Fl	Field Records	11 Level (mOD)	Depth (m) (Thickness)		Description		
Remarks										Scale (approx) 1:50	Logged By
										1:50	
										Figure N	lo. 2.DBH03

, Northu Geote	uest ich							Site Cavan Regional Sports Centre		Boreho Number DBH0
Machine : Co Tush :	omacchio	305	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council		Job Number 23-0092
core Dia: m	m		Locatio	n		Dates		Engineer		Sheet
lethod : Ro	otary Core	d	Locatio			12	/12/2023	Mc Adam Design		1/2
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend
							(0.30)	TOPSOIL		
								Grey slightly sandy slightly gravelly siity CLAY w boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	ith low 3	
Remarks							<u> </u>		Scale (approx)	Logged
										ВУ
									1:50	
									Figure N	NO. 92.DBH04

Geotech					Site Cavan Regional Sports Centre		Borehole Number DBH04
Machine : Comacchio 305 Flush :	Casing Diame	ter	Ground	Level (mOD)	Client Cavan County Council		Job Number 23-0092
Core Dia:mm Method :Rotary Cored	Location		Dates 12	/12/2023	Engineer Mc Adam Design		Sheet 2/2
Depth (m) TCR SCR (%) (%)	RQD (%) FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend
Remarks					Complete at 15.00m	Scale	
						Scale (approx) 1:50	Logged By
						Figure N	lo. 2.DBH04

Northu Geote	uest ich							Site Cavan Regional Sports Centre		Boreho Number DBH0
lachine : Co lush :	omacchio	305	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council		Job Number 23-0092
ore Dia: m	m		Locatio	n		Dates		Engineer		Sheet
lethod : Ro	otary Core	d	Locatio			16	/12/2023	Mc Adam Design		1/2
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend
							(0.30)	TOPSOIL		
								Grey slightly sandy slightly gravelly silty CLAY wi boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	th low ,	
Remarks									Scale (approx)	Logged
										by
									1:50	
									Figure N	10. 92.DBH05

Northu Geote	uest ch							Site Cavan Regional Sports	Centre		Boreho Numbe DBH0
lachine : Co lush :		805	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council			Job Numbe 23-009
ore Dia: milethod : Ro		ł	Locatio	n		Dates 16	6/12/2023	Engineer Mc Adam Design			Sheet 2/2
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)		Description		Legend
Remarks								Complete at 15.00m		Saala	
ventarks										Scale (approx)	Logge By
										1:50	
										Figure N 23-009	lo. 92.DBH05

Fiehen : Image: Source in the source in	Northu Geote	uest ich							Site Cavan Regional Sports Centre		Borehole Number DBH06
Date Date Date Date Date Date Date Date Main Main <th< th=""><th>Flush :</th><th></th><th>305</th><th>Casing</th><th>Diamete</th><th>r</th><th>Ground</th><th>Level (mOD)</th><th></th><th></th><th>Job Number 23-0092</th></th<>	Flush :		305	Casing	Diamete	r	Ground	Level (mOD)			Job Number 23-0092
Remarks TOPSOL			d	Locatio	n		Dates 05	5/12/2023			Sheet 1/2
Remarks Circy slightly starty slightly differed to coards. See Start (See Start)	Depth (m)			RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend
(approx) By									Grey slightly sandy slightly gravelly silty CLAY with to boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	ow	
	Remarks									Scale	
Figure No.										1:50	Logged By

, Northu Geote	vest ich							Site Cavan Regional Sport	s Centre		Boreh Numb DBH	
Machine : Co Flush :		305	Casing	Diamete	r	Ground	Level (mOD)	Client Cavan County Council			Job Numb 23-009	
core Dia:m lethod :Ro		d	Locatio	n		Dates 05	5/12/2023	Engineer Mc Adam Design			Sheet 2/2	
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)		Description		Legend	
Remarks								Complete at 15.00m				
										Scale (approx)	Logge By	
										1:50 Figure N	lo.	-
										Figure N 23-009	lo. 02.DBH06	3

								Site		Borehole Number
North Geote	west ech							Cavan Regional Sports Centre		DBH07
Machine : C	omacchio	305	Casing	Diameter		Ground	Level (mOD)	Client		Job
Flush :			ousing	Diameter		Ground	Level (mob)	Cavan County Council		Number
Core Dia: m	hm							, -		23-0092
Method : R		d	Locatio	n		Dates	6/12/2023	Engineer		Sheet
		-					.,, _ 0 _ 0	Mc Adam Design		1/2
Depth (m)	TCR (%)	SCR (%)	RQD (%)	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend S
Romarks								TOPSOIL Grey silty CLAY.	CLAY with is	
Remarks									Scale (approx)	Logged By
									1:50	
									Figure N	o .
										2.DBH07

$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Northwest Geotech					Site Cavan Regional Sports Centre		Borehol Number DBH0
pd : Control Determination Engineer Steer Steer <th>fachine : Comacchio 305</th> <th>Casing Diame</th> <th>ter</th> <th>Ground</th> <th>Level (mOD)</th> <th></th> <th></th> <th>Job Number 23-0092</th>	fachine : Comacchio 305	Casing Diame	ter	Ground	Level (mOD)			Job Number 23-0092
rfs	Core Dia:mm Iethod :Rotary Cored	Location		Dates 06	/12/2023			Sheet 2/2
arks Scale (approx) By	lethod : Rotary Cored		06	Depth (m) (Thickness)				
1:50	Remarks						Scale (approx)	Logge By
Figure No.								

- North Geote	west ech						Site Cavan Regional Sports Centre	Borehole Number BH01
Machine : D Method : C	ando 2000 able Percussion	Casing	Diamete	r	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Locatio	n		Dates 30	0/11/2023	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 S
0.50-1.00 1.20-1.65 1.50-2.00 2.00-2.45 2.50-3.00 3.00-3.45 3.40-4.00 4.00-4.15	B SPT N=7 B SPT N=9 B SPT N=32 B SPT 50/0			3,2/2,1,2,2 2,2/2,3,2,2 7,10/10,7,8,7 20,25/50			TOPSOIL Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Very stiff brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 4.20m	
Remarks Terminated c	on possible bedrock/	boulder					Scale (approx) 1:50 Figure I 23-00	

northu Geote	uest 2ch						Site Cavan Regional Sports Centre	Boreho Number BH02
Machine : Da Method : Ca	ando 2000 able Percussion	Casing I	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	
		Location	ı		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
0.50-1.00 1.20-1.65 1.50-2.00 2.00-2.45 2.50-3.00 3.00-3.45 3.50-4.00 4.00-4.45 4.50-5.00 5.00-5.45 5.60-5.65	B SPT N=13 B SPT N=12 B SPT N=36 B SPT N=49 SPT N=49 SPT 25*/30			3,2/2,3,4,4 6,5/4,3,2,3 7,7/10,6,11,9 2,3/3,3,6,4 7,6/9,12,13,15 25/50			Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Very stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Coarse. Coarse is subangular to subrounded fine to coarse.	
Remarks erminated o	n possible bedrock/l	boulder					Scale (approx)	Logged By
							1:50	
							Figure	No

achine : Dando 2000 ethod : Cable Percussion	Casing Diamet	er	Cround		1	
	t : Cable Percussion		Ground	Level (mOD)	Client Cavan County Council	Job Numl 23-00
	Location		Dates 30	0/11/2023	Engineer Mc Adam Design	Shee 1/
Depth (m) Sample / Tests	Casing Water Depth Depth (m) (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legen
50-1.00 B 20-1.65 SPT N=29 50-2.00 B 20-2.45 SPT N=17 50-3.00 B 20-3.45 SPT N=22 50-4.00 B 20-4.45 SPT N=25 50-5.00 B 20-5.45 SPT N=43 50-5.77 SPT 50/20		5,8/4,4,7,14 4,4/5,4,4,4 5,5/5,6,6,5 6,5/6,5,7,7 10,8/9,11,13,10 21,24/25,25			TOPSOIL Stiff becoming very stiff greyish brown slightly sandy gravelly slity CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Subangular to subrounded fine to coarse. Complete at 5.60m	
emarks rminated on possible bedroc	k/boulder					cale prox) Logg By

Mathem 2: Case Percession Image: Probability State Percession Image: Percession Control County Council Sea Sea<	North Geote	west 2ch						Site Cavan Regional Sports Centre	Boreho Number BH04
Image: Problem in the standard sta			Casing I	Diameter	r	Ground	Level (mOD)		Job Number 23-0092
0.50-1.00 B 2.33.4.3.2 (3.00) Find gravely slipt (CLAY. Sond is fine to based or consection subongular to s			Location	ı		Dates 30	0/11/2023		Sheet 1/1
0.00-1.00 B 2.33.4.3.2 0.00	Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
Remarks Scale (approx) Terminated on possible bedrock/boulder Scale (approx)	1.20-1.65 1.50-2.00 2.00-2.45 2.50-3.00 3.00-3.45 3.50-4.00 4.00-4.45 4.50-5.00 5.00-5.45 5.50-5.80	SPT N=12 B SPT N=10 B SPT N=38 B SPT N=19 B SPT N=41 B SPT 25*/40			10,9/3,3,2,2 10,9/7,10,11,10 4,3/4,5,4,6 3,5/5,10,11,15		(2.80)	Stiff to very stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
1:50	Remarks Ferminated o	n possible bedrock/l	boulder					Scale (approx)	Logged By
Figure No.									No

north Geote							Site Cavan Regional Sports Centre	Boreho Numbe BH0
Machine : Da Method : Ca	ando 2000 able Percussion	Casing I	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
		Location	า		Dates 04	4/12/2023	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
0.50-1.00 1.20-1.65 1.50-2.00 2.00-2.45 2.50-3.00 3.00-3.45 3.50-4.00 4.00-4.45 4.50-5.00 5.00-5.45 5.50-5.80 5.80-5.80	B SPT N=10 B SPT N=13 B SPT N=20 B SPT N=40 B SPT N=40			1,2/2,3,3,2 Water strike(1) at 2.00m, rose to 1.30m in 20 mins. 2,2/3,3,4,3 3,4/3,3,4,3 4,5/4,6,5,5 8,9/11,9,10,10 25/50			Firm greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
Remarks Ferminated o	n possible bedrock/l	boulder					Scale (approx) 1:50	Logged By
							Figure N	
								92.BH07

Geote	west 2ch						Site Cavan Regional Sports Centre	Borehol Number BH08	
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009	
		Locatio	n		Dates 01	/12/2023	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	
.50-1.00 .20-1.65	B SPT N=9	3,2/3,2,2,2			TOPSOIL Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.				
.50-2.00 .00-2.45 .50-3.00	B SPT N=13 B SPT N=8			Water strike(1) at 2.00m, rose to 1.50m in 20 mins. 2,3/3,2,4,4 2,2/2,2,2,2					
0.50-4.00 0.00-4.45 0.50-5.00	B SPT N=20 B			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.		
5.00-5.45 5.50-6.00	SPT N=42 B			10,8/10,10,11,11		(2.20)			
6.00-6.21	SPT 75/60			14,17/25,50		6.20	Complete at 6.20m	0 . 0 X 0 X 0 X 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0	
Remarks erminated c	n possible bedrock/l	boulder					Scale (approx)	Logge By	
							1:50		
								1	
							Figure	No.	

North Geote	uest 2ch						Site Cavan Regional Sports Centre	Boreh Numb BH(per
Machine : Da Method : Ca	ando 2000 able Percussion	Casing D	Diamete	r	Ground	Level (mOD)	Client Cavan County Council		ber)92
		Location	1		Dates 04	1/12/2023	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	Wotor
0.50-1.00	B SPT N=6 B SPT 50/200 B			4,2/2,1,1,2 4,4/6,5,25,14			Soft to firm brown slightly sandy gravelly slity CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.		
Remarks Terminated o	n possible bedrock/	boulder					Scale (approx)	Logge By	∍d
							1:50	No	
							Figure 23-0	No. 092.BH09)

north Geote	west 2ch						Site Cavan Regional Sports Centre	Boreho Numbe BH1
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diamete	r	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
		Location	n		Dates 04	/12/2023	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
.50-1.00 .20-1.65 .50-2.00	B SPT N=6 B			1,1/2,2,1,1		(3.00) (3.00) (3.00) (1.80) (1.80) (1.80)	Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	
.00-2.45 .50-3.00	SPT N=9 B			2,4/2,2,3,2				x · · · · · · · · · · · · · · · · · · ·
9.00-3.45 9.50-4.00	SPT N=23 B			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.	x • • • • • • • • • • • • • • • • • • •
.00-4.45	SPT N=42			8,9/9,11,11,11		(1.80)		X · · · · · · · · · · · · · · · · · · ·
.80-4.80	SPT 25*/0 50/0			25/50			Complete at 4.80m	
Remarks erminated o	n possible bedrock/	boulder					Scale (approx)	Logge By
							1:50	

North Geote	west 2ch						Site Cavan Regional Sports Centre	Boreh Numb BH1	ber
Machine : Da Method : Ca	andio 2000 able Percussion	Casing	Diamete	r	Ground	Level (mOD)	Client Cavan County Council	Job Numb 23-00	
		Location	n		Dates 02	4/12/2023	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	B BSPT 50/470			4,4/17,24,9			_ TOPSOIL 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 o	n possible bedrock/l	boulder					Scale (approx)	Logge By	€
							1:50 Eigura		
							Figure I 23-00	No.)92.BH12	2

north Geote	uest 2ch						Site Cavan Regional Sports Centre	Boreho Number BH13
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Locatio	n		Dates 28	8/11/2023	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
0.50-1.00	В						MADE GROUND: Bluish grey sandy silty angular fine to coarse GRAVEL with fragments of red brick. Sand is fine to coarse. 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.	
1.20-1.65 1.50-2.00	SPT N=11 B			1,2/1,4,3,3				
1.50-2.00	D							
2.00-2.45	SPT N=19			6,5/5,5,5,4				
2.50-3.00	В							
3.00-3.45	SPT N=21			2,2/4,4,3,10				
3.50-4.00	В							
4.00-4.45	SPT N=17			2,3/3,4,5,5				
4.50-5.00	В							
5.00-5.45	SPT N=18			3,3/4,4,4,6		(9.10)		
5.50-6.00	В							
6.00-6.45	SPT N=25			5,5/7,6,6,6				
6.50-7.00	В							
7.00-7.45	SPT N=8			1,1/1,1,4,2				
7.50-8.00	В							
8.00-8.45	SPT N=16			7,6/5,4,3,4				
8.50-9.00	В							
9.00-9.44	SPT 48/290			5,8/16,14,18				
9.60-9.60	SPT 25*/0 50/0			25/50			Complete at 9.60m	
Remarks Terminated o	n possible bedrock/	boulder				<u> </u>	Scale (approx	Logged) By
							1:50	
							Figure 23-	No.

Rorthwest Geotech						Site Cavan Regional Sports Centre	Boret Numb BH	
lachine : Dando 2000 lethod :Cable Percussion	Casing Dia	ameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Numb 23-00	
	Location			Dates 07	//12/2023	Engineer Mc Adam Design	Sheet 1/*	
Depth (m) Sample / Tests	Casing W Depth D (m)	Vater Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	d
.50-1.00 B .20-1.65 SPT N=24 .50-2.00 SPT 50/100			3,3/4,5,9,6 4,6/12,19,19			TOPSOIL Firm greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.40m		VZA: 한국학 한국학 한국학 한국학 한국학학 전국학 전국학 전국학 전국학 전국학 전국학 전국학 전국학 전국학
Remarks erminated on possible bedrocl hiselling from 2.40m to 2.40m	for 1 hour.					Scale (approx)	Logg By	ec
						1:50 Figure N 23-00	 lo. 92.BH14	

0.50-1.00 B 1.20-1.65 SPT 1.50-2.00 B 2.00-2.45 SPT 2.50-3.00 B	e Percussion		Casing D	Jiamoto				Site Cavan Regional Sports Centre		5
0.50-1.00 B 1.20-1.65 SPT 1.50-2.00 B 2.00-2.45 SPT 2.50-3.00 B 3.00-3.00 SPT							Level (mOD)	Client Cavan County Council	Job Numb 23-00	
0.50-1.00 B .20-1.65 SPT .50-2.00 B 2.00-2.45 SPT 2.50-3.00 B 3.00-3.00 SPT			Location	1		Dates 07	7/12/2023	Engineer Mc Adam Design	Sheet 1/1	
.20-1.65 SPT .50-2.00 B 2.00-2.45 SPT 2.50-3.00 B 3.00-3.00 SPT	3	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
	3 SPT N=14 3 SPT 25*/0	SPT N=16 B SPT N=14 B SPT 25*/0			3,4/4,4,3,5 4,3/4,3,3,4 25/50			TOPSOIL Firm brownish grey slightly sandy slightl gravelly slity CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Firm to stiff grey slightly sandy gravelly slity CLAY. Sand is fine to coarse. Very dense grey slightly slity subangular to subrounded fine to coarse GRAVEL. Complete at 3.00m		
Remarks erminated on possil Chiselling from 3.00r		n possible bedrock/ n 3.00m to 3.00m f	boulder or 1 hour.					Scale (approx) 1:50 Figure		d

Jachine : Dando 2000 Jethod : Cable Percussion Depth (m) Sample / Tests 50-1.00 B	Casing Location		r		Level (mOD)	Client Cavan County Council	Job Numbe
							23-009
	Casing Depth (m)	Water		Dates 04	4/12/2023	Engineer Mc Adam Design	Sheet 1/1
50-1.00 B		(m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
20-1.65 SPT N=14 B 300-2.45 SPT N=20 50-3.00 B 300-3.45 SPT N=26 50-4.00 B 300-4.45 SPT N=36 50-5.00 B 300-5.41 SPT 50/260			2,2/3,5,3,3 4,5/5,5,5,5 5,5/8,6,7,5 8,9/9,9,9,9 11,12/13,14,14,9			TOPSOL Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Stiff becoming very stiff greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 5.40m	
Remarks erminated on possible bedrock	/boulder					Scale (approx)	Logge By
						1:50 Figure N	10.

North Geote	west 2ch						Site Cavan Regional Sports Centre	Borehol Number BH17
Machine : Da Method : Ca	ando Terrier able Percussion	Casing	Diamete	r	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Locatio	n		Dates 04	/12/2023	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
0.50 1.00-1.50 1.20-1.65 2.00-2.43 2.00-2.90 2.90-2.90	В В SPT N=21 SPT 48/280 SPT 25*/0 S0/0			4,4/3,4,6,8 4,3/4,3,16,25 25/50			TOPSOIL Soft brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Stiff becoming very stiff grey slightly sandy gravelly clayey SILT. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.90m	
Remarks Terminated o	n possible bedrock/	boulder					Scale (approx)	Logged By
							1:50 Figure 1 23-00	No. 092.BH17

north Geote	west ech						Site Cavan Regional Sports Centre	Boreho Numbe BH1
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
		Locatio	n		Dates 28	8/11/2023	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
1.00 1.20-1.65 2.00-23.45 2.00	B SPT N=21 SPT N=11 B			1,2/4,6,5,6		(0.50)	MADE GROUND: Grey silty sandy angular fine to coarse GRAVEL. Sand is fine to coarse. 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.	
8.00-3.45 8.00 1.00-4.45 1.00	SPT N=5 B SPT N=5 B			1,2/2,1,1,1 2,2/1,1,1,2			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.	
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	
6.00-6.45 6.00 7.00-7.45 7.00	SPT N=12 B SPT N=12 B			2,2/1,4,4,3 8,4/2,4,3,3		(3.20)	coarse.	
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 o	n possible bedrock/l	boulder				<u>F</u>	Scale (approx 1:50 Figure	:) By

North Geote	west 2ch						Site Cavan Regional Sports Centre	Boreh Numb BH2	ber
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Numb 23-00	
		Locatio	n		Dates 07	7/12/2023	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 SPT N=11 B SPT 25*/0 S0/0			1,2/1,4,3,3 2,4/2,3,5,5 25/50			TOPSOIL Firm brownish grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.90m		
Remarks Terminated o Chiselling fro	n possible bedrock/l m 2.90m to 2.90m fo	boulder or 1 hour.				<u> </u>	Scale (approx) 1:50 Figure N 23-00	Logge By No. 092.BH20	

Northu Geote	uest 2ch						Site Cavan Regional Sports Centre	Borehole Number BH21
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Locatio	n		Dates	7/12/2023	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
0.50-1.00	В					(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	В			2,0/2,2,0,2				
2.00-2.45	SPT N=8			3,2/1,2,2,3				
2.50-3.00	В					(4.80)		
3.00-3.45	SPT N=15			4,3/4,4,3,4				
3.50-4.00	В							
4.00-4.45	SPT N=17			5,5/4,4,5,4				
4.50-5.00	В							
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	
6.00-6.02	SPT 50*/10 50/10			50/50				
7.00-7.02	SPT 50*/10 50/10			50/50				
8.00-8.02	SPT 50*/10 50/10			50/50		(4.80)		
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 o	n possible bedrock/	boulder					Scale (approx)	Logged By
							1:50	
							Figure N	
								92.BH21

Geote	uest 2ch						Site Cavan Regional Sports Centre	Borehol Number BH22
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Location	n		Dates 12	2/12/2023	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
1.00 1.20-1.65 2.00-2.45 2.00 3.00-3.45 3.00 4.00-4.45 4.00 5.00-5.11 5.00-5.11 5.00-6.45 3.00 7.00-7.18	B SPT N=13 SPT N=12 SPT N=8 B SPT N=10 B SPT N=27 B SPT N=27 B SPT 50/30			1,3/4,4,3,2 15,8/4,4,2,2 2,2/2,2,2,2 4,6/4,2,2,2 6,9/11,21,18 6,0/11,4,7,5 1,3/2,25,23		(0.40) 0.40 (6.90)	MADE GROUND: Grey angular fine to coarse GRAVEL. MADE GROUND: Soft grey slightrly 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. 4.00-6.00m: Becoming firm Complete at 7.30m	
Remarks obbles may erminated o	make SPT number: n possible bedrock/l	s higher boulder					Scale (approx)	Logge By
							1:50	
							Figure	No.
								No. 092.BH22

definite in the control form in the contro	, Northu Geote	uest ich						Site Cavan Regional Sports Centre	Borehole Number BH23
Description Sample / Test Section of the sector of the se			Casing	Diameter	r	Ground	Level (mOD)		Job Number 23-0092
100 B Addition Additio			Locatio	n		Dates 29	9/11/2023		
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< th=""><th>Depth (m)</th><th>Sample / Tests</th><th>Casing Depth (m)</th><th>Water Depth (m)</th><th>Field Records</th><th>Level (mOD)</th><th>Depth (m) (Thickness)</th><th>Description</th><th>Legend</th></td<>	Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>(0.40)</td><td>MADE GROUND: Grey angular fine to coarse GRAVEL.</td><td></td></td<>							(0.40)	MADE GROUND: Grey angular fine to coarse GRAVEL.	
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td>0.50-1.00</td><td>В</td><td></td><td></td><td></td><td></td><td>0.40</td><td>to coarse. Gravel is subangular to subrounded fine to</td><td></td></td<>	0.50-1.00	В					0.40	to coarse. Gravel is subangular to subrounded fine to	
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td>4 00 4 05</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	4 00 4 05								
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td></td><td></td><td></td><td></td><td>2,2/2,3,2,3</td><td></td><td></td><td></td><td></td></td<>					2,2/2,3,2,3				
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td>1.50-2.00</td><td>D</td><td></td><td></td><td></td><td></td><td>(2.80)</td><td></td><td></td></td<>	1.50-2.00	D					(2.80)		
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td>2.00-2.45</td><td>SPT N=10</td><td></td><td></td><td>2,1/2,2,3,3</td><td></td><td></td><td></td><td></td></td<>	2.00-2.45	SPT N=10			2,1/2,2,3,3				
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td>2.50-3.00</td><td>В</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	2.50-3.00	В							
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td>3.00-3.45</td><td>SPT N=15</td><td></td><td></td><td>3,4/4,3,4,4</td><td></td><td>3.20</td><td>Stiff grey slightly sandy slightly gravelly silty CLAY with low</td><td><u>×. • • × •</u></td></td<>	3.00-3.45	SPT N=15			3,4/4,3,4,4		3.20	Stiff grey slightly sandy slightly gravelly silty CLAY with low	<u>×. • • × •</u>
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td>3.50-4.00</td><td>В</td><td></td><td></td><td></td><td></td><td></td><td>to subrounded fine to coarse. Gravel is subangular</td><td>× × · · · · · · · · · · · · · · · · · ·</td></td<>	3.50-4.00	В						to subrounded fine to coarse. Gravel is subangular	× × · · · · · · · · · · · · · · · · · ·
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td>4.00-4.45</td><td>SPT N=17</td><td></td><td></td><td>4,4/4,4,5,4</td><td></td><td></td><td></td><td>** <u>**</u> ** <u>•</u> **</td></td<>	4.00-4.45	SPT N=17			4,4/4,4,5,4				** <u>**</u> ** <u>•</u> **
5.0-6.00 B SPT 23/230 3.4/4.5.6.8 Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 7.00-7.02 SPT 50'/10 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-8.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 Grey LIMESTONE Grey LIMESTONE 9.00-9.00 SPT 50'/0 S0/50 <td< td=""><td>4.50-5.00</td><td>В</td><td></td><td></td><td></td><td></td><td>(3 20)</td><td></td><td>× • • • • • • • • • • • • • • • • • • •</td></td<>	4.50-5.00	В					(3 20)		× • • • • • • • • • • • • • • • • • • •
3.00-6.38 SPT 23/230 3,4/4,5,6,8 6.40 V.00-7.02 SPT 50'/10 50/50 6.40 3.00-8.00 SPT 50'/20 50/50 6.40 3.00-8.00 SPT 50'/20 50/50 6.40 0.00-9.06 SPT 50'/20 50/50 6.40 S00-8.00 SPT 50'/20 50/50 6.40 0.00-9.06 SPT 50'/20 50/50 6.40 S00-9.06 SPT 50'/20 50/50 10.00 Remarks Kerner Kerner Kerner Interventione Interventione Interventione Interventione Interventione Interventione Interventione	5.00-5.45	SPT N=18			4,5/4,5,4,5				× <u>• · · ×</u> • • · · · · · ו • × · · • • · · ·
10.00-10.00 SPT 50*/0 50/50 10.00 SPT 50*/0 50/50 SPT 50*/0 SPT 50*/0 50/50 SPT 50*/0	5.50-6.00	В							× <u>· · · · · · · · · · · · · · · · · · ·</u>
10.00-10.00 SPT 50*/0 50/50 10.00 SPT 50*/0 50/50 SPT 50*/0 SPT 50*/0 50/50 SPT 50*/0	6.00-6.38	SPT 23/230			3,4/4,5,6,8				** <u>**</u> ** <u>0</u> ** <u>0</u> ** <u>0</u>
10.00-10.00 SPT 50*/0 50/50 10.00 SPT 50*/0 50/50 SPT 50*/0 SPT 50*/0 50/50 SPT 50*/0					Water strike(1) at 6.30m, no rise after 20 mins.		6.40	Grey LIMESTONE	
10.00-10.00 SPT 50*/0 50/50 10.00 SPT 50*/0 50/50 SPT 50*/0 SPT 50*/0 50/50 SPT 50*/0	7.00-7.02	SPT 50*/10 50/10			50/50				
10.00-10.00 SPT 50*/0 50/50 10.00 SPT 50*/0 50/50 SPT 50*/0 SPT 50*/0 50/50 SPT 50*/0	8.00-8.00				50/50		(3.60)		
Remarks rerminated at scheduled depth 1:50 Figure No.	9.00-9.06				50/50				
Terminated at scheduled depth Goale (approx) By 1:50 Figure No.	10.00-10.00	50/0 SPT 50*/0			50/50		10.00		
Figure No.	Remarks Terminated a	t scheduled depth						Scale (approx)	Logged By
								1:50	
23-0092.BH23									

Machine : Dando 2000 Casing Diameter Ground Level (mOD) Client Cavan County Council Method : Cable Percussion Location Dates 29/11/2023 Engineer Mc Adam Design Depth (m) Sample / Tests Casing Depth (m) Field Records Level (mOD) Depth (mOD) Depth (mOD) Depth (mOD) Depth (mOD) Depth (mOD) Depth (mOD) Depth (mOD) TOPSOIL 0.50-1.00 B B Image: Subangular to subrounded fine to coarse. Image: Subangular to subrounded fine to coarse. TOPSOIL Firm becoming stiff brown slightly gravelly sandy CLAY. Sand is fine to coarse.	Job Number 23-0092 Sheet 1/1 Legend
Depth (m) Sample / Tests Casing Depth (m) Water Depth (m) Field Records Level (mOD) Depth (m) (Thickness) Description	1/1 Legend
0.50-1.00 B	d
0.50-1.00 B 200-245 SPT N=14 2.20,3,4,4 100 1.20-1.65 SPT N=14 2.20,3,4,4 100 Stiff becoming very stiff brown slightly gravely sandy (L/M, Sand is fine to carse. Gravel is subargular to subround in to subround in the carse. 2.00-2.45 SPT N=25 2.3/4,5,6,10 Image: Carse is a carse. Gravel is subargular to subround in the carse. 2.00-2.45 SPT N=25 2.3/4,5,6,10 Image: Carse is a carse. 3.00-3.46 SPT N=23 2.3/6,5,6,7 Image: Carse is a carse. 3.00-4.45 SPT N=40 9.109,12,10,3 Image: Carse is a carse. 4.50-5.00 B Image: Carse is a carse. Carse is a carse. 5.00-5.33 SPT S0/180 12,14/17,21,12 Image: Carse is a carse. Complete at 5.40m	
Remarks Terminated on possible bedrock/boulder Sca (appl)	le Logged ox) By
1:5	0
	ıre No.
2 Declared by the CEOtophrical DAtabase System (CEODASY) @	3-0092.BH24

Iachine : Dando 2000 Iethod : Cable Percussion Depth (m) Sample / Tests .50-1.00 B .20-1.65 SPT N=9 .50-2.00 B .00-2.45 SPT N=14 .50-3.00 B .00-3.45 SPT N=5	Casing Diamet		Dates 29 Level (mOD)	Level (mOD) /11/2023 (11/2023 (11/2023 (11/2023 (0.20) (0.20) (0.30) (Client Cavan County Council Engineer Mc Adam Design Description TOPSOIL Soft to firm brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Soft to firm brownish grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	Job Number 23-0092 Sheet 1/1 Legend
.50-1.00 B .20-1.65 SPT N=9 .50-2.00 B .00-2.45 SPT N=14 .50-3.00 B		2,2/1,3,2,3	29. Level (mOD)	Depth (m) (Thickness)	Mc Adam Design Description TOPSOIL Soft to firm brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Soft to firm brownish grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded	1/1
.50-1.00 B .20-1.65 SPT N=9 .50-2.00 B .00-2.45 SPT N=14 .50-3.00 B	Casing Depth (m) Vate Deptr (m)	2,2/1,3,2,3			TOPSOIL Soft to firm brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Soft to firm brownish grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded	Legend
.20-1.65 SPT N=9 .50-2.00 B .00-2.45 SPT N=14 .50-3.00 B				(0.20) 0.20 (0.30) 0.50	Soft to firm brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Soft to firm brownish grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded	
.00-3.45 .50-4.00 B .00-4.45 SPT N=12 .50-4.90 B .90-4.91 SPT 25*/10 50/0		Water strike(1) at 3.00m, no rise after 20 mins. 1,2/1,2,1,1 2,3/2,3,3,4 25/50			Complete at 4.90m	
Remarks erminated on possible bedrock	k/boulder				Scale (approx)	Logged By
					1:50	

Geote							Site Cavan Regional Sports Centre	Boreho Numbe BH0
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Numbe 23-009
		Locatio	n		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
2.50 .50-0.90 .00 .20-1.65 .50-2.00 .00 .00 .50-2.95 .50-3.00 .00-3.45 .00 .10-4.17 .10 .50-5.00 .00-5.45 .00 .50-6.00 .00-6.30 .00 .50-6.90 .50-6.90	В D SPT N=10 B DU SPT N=12 SPT N=17 B DYT 25*/40 V SPT N=46 D SPT 50/150 B SPT 25*/0			2,2/3,2,2,3 6,3/2,3,4,3 2,3/4,4,5,4 25/50 100 blows 6,7/8,12,12,14 9,11/16,34 25/50			Brown sandy silty CLAY. Sand is fine to coarse. Firm becoming stiff grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Very stiff grey slightly sandy sligthly gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Very stiff arey slightly sandy sligthly gravelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 6.90m	
Remarks Chiselling fro	m 4.10m to 4.40m fo	or 1 hour. (Chiselling	g from 6.90m to 6.90r	m for 1 hou	<u> </u>	Scale (approx)	Logged By
							1:50	
							Figure	
								092.BH05

north Geota	west ech						Site Cavan Regional Sports Centre		Boreho Numbe BH06	er
Machine : D Method : C	ando 2000 Cable Percussion	Casing	Diamete	r	Ground	Level (mOD)	Client Cavan County Council		Job Numbe 23-0092	
		Locatio	n		Dates	1/02/2024	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
0.50 0.50-0.80 1.00 1.20-1.65 1.50-2.00 2.00-2.45 2.00 3.00-3.20 3.00	D SPT N=13 B SPT N=15 D SPT 50/50 D			2,3/3,3,3,4 3,3/4,4,3,4 5,6/50			TOPSOIL Brown gravelly CLAY. Gravel is subangular to subround fine to coarse. Frim becoming stiff slightly sandy slightly gravelly silty C Sand is fine to coarse. Gravel is subangular to subround fine to coarse. Complete at 3.20m	CLAY. Ided		
No aroundwa	ater encountered om 3.20m to 3.20m f	or 1 hour.					1: Fig	igure No 23-009	Logged By o. 02.BH06	•

Northu Geote	west ech						Site Cavan Regional Sports Centre	Borehole Number BH11
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diameter	r	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Locatio	n		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
1.20-1.65 2.00-2.45 3.00-3.45 4.00-4.45 5.00-5.43	SPT N=12 SPT N=14 SPT N=26 SPT N=36 SPT 50/280	(m)	(m)	2,2/2,3,3,4 3,4/3,4,3,4 4,6/6,6,6,8 6,7/9,8,9,10 6,8/8,11,15,16		(0.30) 0.30 (0.90) 1.20 (1.90) (1.90) (3.10)	TOPSOIL Brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Firm to stiff grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Stiff to very stiff grey slightly sandy slightly gavelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Stiff to very stiff grey slightly sandy slightly gavelly silty CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 6.20m	
Remarks Chiselling fro	m 6.20m to 6.20m f	or 1 hour.					Scale) Logged By
miselling fro	m 0.20m to 6.20m h	of i nour.					(approx 1:50) By ⁵⁵
							Figure	No. 1092.BH11

- North Geote	uest :ch						Site Cavan Regional Sports Centre	Borehole Number BH19
Machine : Da Method : Ca	ando 2000 able Percussion	Casing	Diamete	r	Ground	Level (mOD)	Client Cavan County Council	Job Number 23-0092
		Locatio	ı		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
1.20-1.65 2.00-2.45	SPT N=11 SPT N=14			2,2/3,3,2,3 3,3/3,4,3,4		(0.20) 0.20 0.20 0.20 0.20 0.20 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.	
3.00-3.45	SPT N=27			3,5/6,6,7,8			Complete at 4.90m	X X X X X X X X X X X X X X X X _ X X _ X X _
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 groundwa Chiselling fro	ter encountered m 4.90m to 4.90m f	or 1 hour.					Scale (approx 1:50	Logged By
							Figure	No. 092.BH19

Anorthu Geote	west ech					Site Cavan Regional Sports Centre			^{umber} BH01
Machine : Da Method : Dr Sa	ando Terrier rive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 22	/01/2024	Engineer Mc Adam Design		SI	n eet 11//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 (1.20)	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				1.40	Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				(1.60)				
3.00 Remarks	ES					Complete at 3.00m	Scale		ogged
Remarks Terminated o	n possible bedrock/b	boulder					Scale (approx) 1:50	Lo B	ogged Y
							Figure N 23-009		3H01

	_					Site		Numbe	or
Geote	west ech					Cavan Regional Sports Centre		SBH	
Machine : Da	ando Terrier	Dimens	ions	Ground	Level (mOD)	Client		Job	
Method : Dr Sa	rive-in Windowless ampler	15	0mm to			Cavan County Council		Numbe 23-009	
		Locatio	n	Dates	2/01/2024	Engineer		Sheet	
			1			Mc Adam Design		21/119	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
					(0.20)	TOPSOIL			
0.50	ES					Firm Bluish brown slightly sandy slightly gravelly si Sand is fine to coarse. Gravel is subangular to sub fine to coarse.	Ity CLAY. prounded	× · · ·	
					(0.20) 0.20 0.20 1.10 (0.90) 1.10 (2.10) 3.20			× <u> </u>	
1.00	ES				1.10	Firm grey slightly sandy gravelly silty CLAY. Sand is coarse. Gravel is subangular to subrounded fine to	s fine to coarse.	× · · · · · · · · · · · · · · · · · · ·	▼ 1
								× · · · · · · · · · · · · · · · · · · ·	
2.00	ES		Water strike(1) at 2.00m, rose to 1.40m in 20 mins.		(2.10)			× · · · · · · · · · · · · · · · · · · ·	∇ 1
			rose to 1.40m in 20 mins.		(2.10)			× · · · · · · · · · · · · · · · · · · ·	
								× · · · · · · · · · · · · · · · · · · ·	
3.00	ES				3.20			× · · · · · · · · · · · · · · · · · · ·	
						Complete at 3.20m			
Remarks Terminated o	n possible bedrock/b	oulder			<u> </u>		Scale (approx)	Logge By	d
							1:50		
							Figure N 23-009	o. 2.SBH02	2

Geote	vest ich					Site Cavan Regional Sports Centre		1	^{umber} BH04
Machine : Da Method : Dr Sa	ando Terrier ive-in Windowless impler	Dimens 15	ions 0mm to	Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Locatio	n	Dates 22	2/01/2024	Engineer Mc Adam Design		S	heet 41//19
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
D.50 1.00 2.00	ES ES		Water strike(1) at 2.00m, rose to 1.90m in 20 mins.			TOPSOIL Firm brown slightly sandy gravelly silty CLAY. San is fine to coarse. Gravel is subangular to subrounded fine to coarse. Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangula to subrounded fine to coarse. Complete at 2.60m			
Remarks Terminated or	n possible bedrock/b	ooulder					Scale (approx)	B	ogged y
							1:50 Figure N		
							23-009		BH04

Northu Geote	uest ch					Site Cavan Regional Sports Centre			umber 3H05
	ndo Terrier ive-in Windowless mpler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council			b Imber 3-0092
		Location		Dates 22	2/01/2024	Engineer Mc Adam Design			1eet 51/119
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES ES					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. Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
Remarks Terminated or	n possible bedrock/b	poulder					Scale (approx) 1:50	Lo	ygged
						-	Figure N	lo.	
							Figure N 23-009		

						Site		N	umb	or
Geote	west 2ch					Cavan Regional Sports Centre		1	BH	
Machine : Da	ando Terrier	Dimens	ions	Ground	Level (mOD)	Client		J	ob	
Method : Dr Sa	rive-in Windowless ampler	15	0mm to			Cavan County Council				
	·	Locatio	n	Dates	104/0004	Engineer		s	heet	;
				23	/01/2024	Mc Adam Design			61//1	9
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Ins	str
					(0.20)	TOPSOIL				
0.50	ES					Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	× • • • • • • • • • • • • • • • • • • •			
					(1.40)		× · · · · ·			
1.00	ES						× • • • ×			
					- 1.60	Firm brownish arow dightly condu growally ailty	× · · · · · · · · · · · · · · · · · · ·			
0.00	50				(0.80)	CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	× · · · · ·			
2.00	ES		rose to 1.70m in 20 mins.		240		× · · · ·			
						Complete at 2.40m				
				Dates Cavan County Council Numi Participant Numi State s Intercent Intercent Enginer Mc Adam Design Description Legen of some Intercent Intercent Intercent Intercent						
		b Water (mbcloses) Field Records (LSOB) Description Legent 3 1 a Marking of the second s (LSOB) TOPSOIL (140) TOPSOIL In the coarse. Gravel is subangular to subrounded fine to coarse. TOPSOIL (140) Topsoil In the coarse. Gravel is subangular to subrounded fine to coarse. Implementation of the second se								
Remarks Terminated o	n possible bedrock/b	oulder			<u> </u>		Scale (approx)	L	ogge y	∌d
							1:50			
						-			BH0	6

north Geote	west ech					Site Cavan Regional Sports Centre			^{umber} BH07
	ando Terrier rive-in Windowless ampler	Dimens 15	ions 0mm to	Ground	Level (mOD)	Client Cavan County Council			ob umber 3-0092
		Locatio	n	Dates 23	8/01/2024	Engineer Mc Adam Design		SI	neet 71/19
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00 2.00	ES ES		Water strike(1) at 2.00m, rose to 1.20m in 20 mins.			TOPSOIL Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.50m		⊻1	
Remarks Terminated o	on possible bedrock/b	poulder					Scale (approx) 1:50	Lo	ogged y
							Figure N 23-009		3H07

Geote	uest ich					Cavan Regional Sports Centre			umber BH08
	ando Terrier ive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 23	/01/2024	Engineer Mc Adam Design		SI	heet 81/19
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES ES					TOPSOIL Firm brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.60m			
Remarks Ferminated of	n possible bedrock/b	ooulder					Scale (approx)	Lo B	ogged Y
							1:50	1	

		Dimensior	IS	Ground	Level (mOD)	Client		Jo	ob umber
	ive-in Windowless ampler	150m	m to			Cavan County Council			umber 3-0092
		Location		Dates 23	/01/2024	Engineer Mc Adam Design		SI	h eet 91/119
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
50	ES ES					TOPSOIL Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.00m			
emarks							Scale		bagged
emarks rminated o	n possible bedrock/b	ooulder					Scale (approx)	B ₁	ogged y
							1:50		
							Figure N 23-009		

- North Geote	west ech					Site Cavan Regional Sports Centre			^{ımber} 3H10
	ando Terrier rive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council			b Imber 3-0092
		Location		Dates 23	0/01/2024	Engineer Mc Adam Design			10/19
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(0.30)	TOPSOIL Firm Brown slightly sandy gravelly silty CLAY. San is fine to coarse. Gravel is subangular to subrounded fine to coarse.	d × • • • • • • • • • • • • • • • • • •		
1.00	ES				(1.40)		× • • • • • • • • • • • • • • • • • • •	00 ⁻⁰ 000 - 00-00-00-00-00-00-00-00-00-00-00-0	50% 00.00 % % % % % % % % % % % % % % % %
2.00	ES					Complete at 3.40m		00 00 00 00 00 00 00 00 00 00 00 00 00	
3.00	ES							00~600~600~60(
Remarks Terminated o	n possible bedrock/k	boulder					Scale (approx)	Lo By	gged
							1:50		
							Figure N 23-009		

Geote	2ch					Site Cavan Regional Sports Centre			^{umber} BH11
	ando Terrier rive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 24	/01/2024	Engineer Mc Adam Design			heet 1 1/1 9
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
.00	ES ES					TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangula to subrounded fine to coarse. Complete at 2.80m			
Remarks erminated o	n possible bedrock/b	poulde					Scale (approx) 1:50 Figure N 23-009	No.	ogged y

north Geote	west 2ch					Site Cavan Regional Sports Centre		Number SBH12
	ando terrier rive-in Windowless ampler	Dimens 15	ions 0mm to	Ground	Level (mOD)	Client Cavan County Council		Job Number 23-0092
		Locatio	n	Dates 24	1/01/2024	Engineer Mc Adam Design		Sheet 1 2/1 9
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	gend	S Instr
0.50	ES				0.10 (0.30) 0.40	MADE GROUND: Grey angular fine to medium GRAVEL. (Compacted) MADE GROUND: Grey and brown silty sandy angular fine to coarse GRAVEL.		
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 1.10m in 20 mins.		(3.60)			
3.00	ES							
4.00	ES					Complete at 4.00m	* <u></u> **	
Remarks Terminated o	n possible bedrock/b	boulder			<u> </u>	Sc (app	cale prox)	Logged By
						Fig	50 gure No	o. 2.SBH12

- North Geote	west ech					Site Cavan Regional Sports Centre			^{umber} BH13
Machine : Da Method : Da Sa	ando Terrier rive-in Windowless ampler	Dimensior 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 24	1/01/2024	Engineer Mc Adam Design			heet 1 3/1 9
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES ES					TOPSOIL MADE GROUND: Firm greyish brown slightly sandy gravelly slity CLAY with fragments of red brick. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.30m			
Remarks Terminated o	n possible bedrock/b	poulder					Scale (approx)	Lo	ogged y
							1:50 Figure N 23-009		BH13

				Site			umber			
Geote	west ech					Cavan Regional Sports Centre			BH14	
Machine : D Method : D	ando Terrier rive-in Windowless ampler	Dimensi 150	ons Imm to	Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092	
	-	Location	1	Dates	/01/2024	Engineer		S	heet	
				24	/01/2024	Mc Adam Design			1 4/1 9	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr	
					(0.20)	TOPSOIL				_
0.50	ES					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)		× · · · · · · · · · · · · · · · · · · ·			2000 8800 8
							× · · · · · · · · · · · · · · · · · · ·			0. 72 50 50 40 50 40 50 40 50 50 50 50 50 50 50 50 50 50 50 50 50
2.00	ES				2.50		× · · · · · · · · · · · · · · · · · · ·			6000 CC
						Complete at 2.50m				
Remarks Terminated c	on possible bedrock/k	boulder					Scale (approx)	L	ogged Y	
							1:50		,	
						-	Figure N 23-009		BH14	

- North Geot	west ech					Site Cavan Regional Sports Centre			^{umber} BH15
Method : D	ando Terrier Prive-in Windowless ampler	Dimensior 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 24	/01/2024	Engineer Mc Adam Design			heet 1 5/1 9
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00 2.00	ES ES					TOPSOIL Firm Brown slightly snady slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Firm grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.80m	× · · · · · · · · · · · · · · · · · · ·		
Remarks Terminated of	on possible bedrock/l	boulder					Scale (approx)	Lo B	ogged y
							1:50 Figure N		
							23-009	92.SI	BH15

Geote	ando Terrier	D:	• • •			Cavan Regional Sports Centre		S	umber BH19
ethod : Dr	ando Terrier rive-in Windowless ampler	Dimens 15	ions 0mm to	Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
0.	ampici	Locatio	n	Dates 25	/01/2024	Engineer Mc Adam Design			heet 16/19
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
50 00 00	ES ES		Water strike(1) at 3.00m, rose to 2.00m in 20 mins.			TOPSOIL Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.00m		▼ 1	
Remarks erminated o	n possible bedrock/k	boulder			<u>F</u>		Scale (approx) 1:50 Figure N 23-009	No.	ogged y

Northwest Geotech				Cavan Regional Sports Centre			^{mber} 8H22	
Machine : Dando Terrier Method : Drive-in Windowless Sampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council			b mber -0092
	Location		Dates 26	6/01/2024	Engineer Mc Adam Design		She 1	eet 7/19
Depth (m) Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
2.00 ES 4.00 ES 4.00 ES					TOPSOIL Firm bluish brown slightly sandy slightly gravell is subangular to subrounded fine to coarse. Complete at 4.00m	y X X X X X X X X X X X X X		
Remarks Terminated on possible bedroc	s/boulder					Scale (approx) 1:50	Loç By	gged

Forth Geoto	west ech					Site Cavan Regional Sports Centre		1	^{umber} BH23
Method : D	Dando Terrier Drive-in Windowless Sampler	Dimensior 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 25	5/01/2024	Engineer Mc Adam Design			heet 1 8/1 9
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES				(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)		X · · · · · · · · · · · · · · · · · · ·		
2.00	ES						× · · · · · · · · · · · · · · · · · · ·		
						Complete at 2.80m	X * * * * * * *		20.02 20.020
Remarks Terminated of	on possible bedrock/l	boulder					Scale (approx)	B	ogged y
							1:50 Figure N 23-009		BH23

Ceote	uest ch					Site Cavan Regional Sports Centre			umber 3H24
Machine : Da Method : Dri Sa	ndo Terrier ive-in Windowless mpler	Dimension 150mr		Ground	Level (mOD)	Client Cavan County Council			b Imber 3-0092
		Location		Dates 25	5/01/2024	Engineer Mc Adam Design			neet 1 9/1 9
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
Remarks						TOPSOIL Firm bluish Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangula to subrounded fine to coarse. Complete at 2.20m			
Remarks erminated or	n possible bedrock/b	ooulder					Scale (approx)	Lo By	ogged /
							1:50	L	
							Figure N 23-009		21124

	_					Site		Numbe	
Geote	west 2ch					Cavan Regional Sports Centre		SBH	
Machine : Da	ando Terrier	Dimens	ions	Ground	Level (mOD)	Client		Job	
Method : Dr	rive-in Windowless ampler	15	0mm to			Cavan County Council		Numbe 23-009	
		Locatio	n	Dates		Engineer		Sheet	
				22	2/01/2024	Mc Adam Design		1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
					(0.20)	TOPSOIL			
0.50	ES					Firm Bluish brown slightly sandy slightly gravelly silty Sand is fine to coarse. Gravel is subangular to subrou fine to coarse.	CLAY. unded	× • • • • • • • • • • • • • • • • • • •	
1.00	ES				1.10	Firm grey slightly sandy gravelly silty CLAY. Sand is fin coarse. Gravel is subangular to subrounded fine to co	ine to oarse.	× · · · · · · · · · · · · · · · · · · ·	▼ 1
								× · · · · · · · · · · · · · · · · · · ·	
2.00	ES		Water strike(1) at 2.00m, rose to 1.40m in 20 mins.		(2.10)		- 9 - -	× · · · ×	<u>×</u> 1
3.00	ES						- - - - - -	× · · · · · · · · · · · · · · · · · · ·	
3.00	E2				3.20	Complete at 3.20m		ו••••	
Remarks Terminated o	n possible bedrock/b	ooulder			<u> </u>	(a	Scale approx)	Logge By	d
							1:50		
							Figure No 23-0092	o. 2.SBH02	

Ceote						Site Cavan Regional Sports Centre		1	umber BH04
Machine : Da Method : Dr Sa	ando Terrier ive-in Windowless ampler	Dimens 15	ions 0mm to	Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Locatio	n	Dates 22	2/01/2024	Engineer Mc Adam Design		S	heet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES ES		Water strike(1) at 2.00m, rose to 1.90m in 20 mins.			TOPSOIL Firm brown slightly sandy gravelly silty CLAY. San is fine to coarse. Gravel is subangular to subrounded fine to coarse. Gravel is subangula to subrounded fine to coarse. Complete at 2.60m	× · · · · · · · · · · · · · · · · · · ·		
Remarks Terminated o	n possible bedrock/ł	boulder					Scale (approx)	Li	ogged
							1:50		
							Figure N 23-009		BH04

ess Dimensions Ground Level (mOD) Client 150mm to Dates 22/01/2024 Engineer Mc Adam Design		Jo	
22/01/2024		Joi Nu 23	
		Sh	neet 1/1
sts Water (m) Field Records Level (mOD) (m) Depth (m) (Thickness) Description Lo	Legend	Water	Instr
(0.80) MADE GROUND: Firm brown slightly sandy gravelly cLAY with fragments of red brick. Stand is difference to seve is subangular to subrounded firm b to carse. (0.80) Imm Blad hourn slightly sandy gravelly slity (LAY. Sand is firm to carse. Gravel is subangular to subrounded firm to carse. (0.80) Imm Blad hourn slightly sandy gravelly slity (LAY. Sand is firm to carse. Gravel is subangular to subrounded firm to carse. (1.60) Imm Gravelly slity (LAY. Sand is firm to carse. Gravel is subangular to subrounded firm to carse. (1.60) Complete at 2.90m			
S	Scale approx)	Lo By	ogged
1	1:50		
	Figure N	No.	

					Site				er	
Geote	west ech					Cavan Regional Sports Centre			BH	
Machine : Da		Dimens	ions	Ground	Level (mOD)	Client		J	ob umb	or
Method : D Sa	rive-in Windowless ampler	15	0mm to			Cavan County Council			3-00	
		Locatio	n	Dates	8/01/2024	Engineer		s	heet	
				20	01/2024	Mc Adam Design			1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Ins	str
0.50 1.00 2.00	ES ES		Water strike(1) at 2.00m, rose to 1.70m in 20 mins.			TOPSOIL Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. CLAY Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.40m	× · · · · · · · · · · · · · · · · · · ·	▼ 1 ∇ 1		
Remarks Terminated o	n possible bedrock/b	oulder	1				Scale (approx)	L B	ogge y	d
							1:50			
							Figure N 23-009		BH06	3

northu Geote	west ech					Site Cavan Regional Sports Centre			umber BH07
	ando Terrier rive-in Windowless ampler	Dimens 15	ions 0mm to	Ground	Level (mOD)	Client Cavan County Council			ob umber 3-0092
		Locatio	n	Dates 23	8/01/2024	Engineer Mc Adam Design		SI	neet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00 2.00	ES ES		Water strike(1) at 2.00m, rose to 1.20m in 20 mins.			TOPSOIL Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.50m		⊻1	
Remarks Terminated o	n possible bedrock/b	boulder					Scale (approx)	Lo	ogged /
							1:50 Figure N 23-009		3H07

- North Geote	west ech					Site Cavan Regional Sports Centre			^{umber} BH08
	ando Terrier rive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 23	/01/2024	Engineer Mc Adam Design		SI	heet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00 2.00	ES ES					TOPSOIL Firm brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.60m			
Remarks Terminated c	n possible bedrock/l	poulder					Scale (approx) 1:50	Lo B	ogged y
							Figure N 23-009		BH08

Geotech		Dimension	s	Ground	Level (mOD)			Jo	BH09 ob umber
Wethod : Drive-in Sample		150m	m to			Cavan County Council			3-0092
		Location		Dates 23	/01/2024	Engineer Mc Adam Design		SI	heet 1/1
Depth (m) Sai	mple / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 ES 1.00 ES 2.00 ES 3.00 ES						TOPSOIL Firm brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.00m			
Remarks Ferminated on pos	sible bedrock/b	poulder					Scale (approx) 1:50	Li	ogged y

north Geote	west ech					Site Cavan Regional Sports Centre			umber BH10
Method : D	ando Terrier rive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council			ob umber 3-0092
		Location		Dates 23	/01/2024	Engineer Mc Adam Design		SI	neet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
D.50 1.00	ES ES				(0.30) 0.30 (1.40)	TOPSOIL Firm Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			0.00 h 2 m 2 2 2 0 m 2 2 2 0 m 2 2 2 2 m 2 2 2 2 m 2 2 2 m 2 2 2 m 2 2 m 2 2 m 2 m
2.00	ES					Complete at 3.40m	x		
3.00	ES								
Remarks Terminated c	on possible bedrock/b	ooulder					Scale (approx) 1:50	Lo By	ogged /
							Figure N 23-009		3H10

, North Geote	west ech					Site Cavan Regional Sports Centre			^{umber} BH11
	ando Terrier rive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 24	4/01/2024	Engineer Mc Adam Design		S	h eet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00	ES					TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES								
						Complete at 2.80m			
Remarks Terminated o	n possible bedrock/b	poulde					Scale (approx)	Lo	ogged y
							1:50 Figure N 23-009		BH11

							Site Cavan Regional Sports Centre			mber H12
Method : Dri	ndo terrier ive-in Windowless mpler	Dimens 15	ions 0mm to	Ground	Level ((mOD)	Client Cavan County Council) mber 0092
		Locatio	n	Dates 24	4/01/202	24	Engineer Mc Adam Design		She	eet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	De (r (Thick	pth n) kness)	Description	Legend	Water	Instr
0.50	ES				E	0.10 (0.30) 0.40	MADE GROUND: Grey angular fine to medium GRAVEL. (Compacted) MADE GROUND: Grey and brown silty sandy angular fine to coarse GRAVEL.	×		
1.00	ES						Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.	× · · · · · · · · · · · · · · · · · · ·	▼ 1	20,005,00,000,000,000 0,002,000,000,000 12,005,000,000,000 12,000,000,000,000 12,000,000 12,000,000 10,000,000 10,000,000 10,000,00
2.00	ES		Water strike(1) at 2.00m, rose to 1.10m in 20 mins.			(3.60)		× · · · · · · · · · · · · · · · · · · ·	⊻1	2.50 m 1.50 m 2.50 m 2.
3.00	ES							× · · · · · · · · · · · · · · · · · · ·	900,000,000,000,000,000,000,000,000,000	
4.00	ES					4.00	Complete at 4.00m	· • • • • • • • • • • • • • • • • • • •		2000 2000 2000 2000 2000
Remarks Terminated or	n possible bedrock/b	boulder			E.		(a	Scale pprox)	Log By	ged

, North Geote	west ech					Site Cavan Regional Sports Centre			^{umber} BH13
	ando Terrier rive-in Windowless ampler	Dimensior 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 24	/01/2024	Engineer Mc Adam Design		SI	heet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00 2.00	ES ES					TOPSOIL 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. Complete at 2.30m			
Remarks Terminated c	on possible bedrock/t	poulder					Scale (approx)	Lo	ogged Y
							1:50		
							Figure N 23-009		RH12

						Site		N	umbe	or
Geote	west 2ch					Cavan Regional Sports Centre		1	BH'	
Machine : Da	ando Terrier	Dimensi	ons	Ground	Level (mOD)	Client		J	b	
Method : D Sa	rive-in Windowless ampler	150)mm to			Cavan County Council			umbe 3-009	
		Locatior	1	Dates	/01/2024	Engineer		s	heet	
				24	101/2024	Mc Adam Design			1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Ins	itr
					(0.20)	TOPSOIL				
0.50	ES					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)		× · · · · · · · · · · · · · · · · · · ·			. 02.03% ရှိသူ့န 2.05% ရှိသူ့ရှိ 6.03% စုသေးရှိ
0.00	ES						× · · · · · · · · · · · · · · · · · · ·			200 05 05 05 05 05 05 05 05 05 05 05 05 0
2.00	E9						× · · · · · · · · · · · · · · · · · · ·			
					2.50	Complete at 2.50m				
					E					
Remarks Terminated o	on possible bedrock/b	ooulder					Scale (approx)	B	ogge y	d
						-	1:50 Figure N			
							23-009		BH14	ł

Northu Geote	uest ech					Site Cavan Regional Sports Centre			^{umber} BH15
Machine : Da Method : Dr Sa	ando Terrier ive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 24	/01/2024	Engineer Mc Adam Design		S	heet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00 2.00	ES ES					TOPSOIL Firm Brown slightly snady slightly gravelly silty CLAY. Sand is fine to coarse. Firm grey slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 2.80m	× · · · · · · · · · · · · · · · · · · ·		
Remarks							Scale	L	ogged
Ierminated o	n possible bedrock/b	oulder					Scale (approx) 1:50	B	ogged y
						-	Figure N 23-009		BH15

Geote	ech (Site Cavan Regional Sports Centre			umber BH19
lethod : Dr	ando Terrier ive-in Windowless ampler	Dimens	ions Omm to	Ground	Level (mOD)	Client Cavan County Council			ob umber 3-0092
	апры	Locatio	n	Dates 25	5/01/2024	Engineer Mc Adam Design		Sh	neet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
50 00 00	ES ES		Water strike(1) at 3.00m, rose to 2.00m in 20 mins.			TOPSOIL Firm grey slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.00m			
Remarks erminated o	n possible bedrock/t	ooulder					Scale approx) 1:50 Figure N 23-009	lo.	ogged

7		Ground Level (mOD)		Cavan Regional Sports Centre			^{mber} 3H22	
fachine : Dando Terrier fethod : Drive-in Windowless Sampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council			b mber -0092
	Location		Dates 26	/01/2024	Engineer Mc Adam Design		She	eet 1/1
Depth (m) Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
ES .00 ES .00 ES .00 ES					TOPSOIL Firm bluish brown slightly sandy slightly gravells sithy CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 4.00m	y		
Remarks erminated on possible bedroc	<td></td> <td></td> <td></td> <td></td> <td>Scale (approx) 1:50</td> <td>Loç By</td> <td>gged</td>					Scale (approx) 1:50	Loç By	gged

north Geote	uest Ich					Site Cavan Regional Sports Centre			^{umber} BH23
	ando Terrier ive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 25	5/01/2024	Engineer Mc Adam Design		SI	heet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50	ES					TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse.			
2.00	ES				(2.50)				
						Complete at 2.80m	× · · · · · · · · · · · · · · · · · · ·		
Remarks Terminated o	n possible bedrock/ł	boulder			<u> </u>		Scale (approx)	L	ogged y
							1:50 Figure N 23-009		 BH23

Geote						Site Cavan Regional Sports Centre		1	umber BH2
	ando Terrier ive-in Windowless ampler	Dimension 150m		Ground	Level (mOD)	Client Cavan County Council			ob umbe 3-009
		Location		Dates 25	/01/2024	Engineer Mc Adam Design		Sł	heet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Inst
						TOPSOIL Firm bluish Brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangula to subrounded fine to coarse. Complete at 2.20m			
Remarks erminated o	n possible bedrock/b	poulder			<u> </u>	1	Scale (approx)	Lc B	ogged y
							1:50		
							Figure N 23-009		

north Geote	west ech					Site Cavan Regional Sports Centre			^{umber} BH03
Machine : D Method : D	ando Terrier rive-in Windowless ampler	Dimens	ions Omm to	Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Locatio	n	Dates 22	2/01/2024	Engineer Mc Adam Design		S	heet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
(m) 0.50 1.00 2.00	ES ES ES	Depth (m)	Vater strike(1) at 2.00m, rose to 1.50m in 20 mins.	(mOD)		Description TOPSOIL Firm bluish brown slightly sandy gravelly silty CLAX. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Complete at 3.20m			
Remarks Terminated c	n possible bedrock/b	poulder					Scale (approx) 1:50 Figure N 23-009	No.	ogged y BH03

, North Geote	west ech					Site Cavan Regional Sports Centre		1	^{umber} BH16
Machine : D Method : D Si	ando Terrier rive-in Windowless ampler	Dimensior	IS	Ground	Level (mOD)	Client Cavan County Council			ob umber 3-0092
		Location		Dates 01	/02/2024	Engineer Mc Adam Design		SI	n eet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00 2.00 4.00	ES ES ES					TOPSOIL Firm brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse. Complete at 4.00m			
Remarks					<u> </u>		Scale (approx) 1:50	La B	ogged V
							Figure N 23-009		3H16

achine : Dando Terrier			Site Cavan Regional Sports Centre			BH17		
ethod : Drive-in Windowless Sampler	Dimensior	IS	Ground	Level (mOD)	Client Cavan County Council			ob umber 3-0092
	Location		Dates 01	/02/2024	Engineer Mc Adam Design		Sł	heet 1/1
Depth (m) Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
50 ES 00 ES 00 ES 00 ES					TOPSOIL Firm brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse. Complete at 4.00m			
Remarks	· I		I		1	Scale (approx)	Lc By	ogged Y
						1:50		

Geot	west ech					Site Cavan Regional Sports Centre			umber BH18
Method : D	Dando Terrier Drive-in Windowless Sampler	Dimensior	IS	Ground	Level (mOD)	Client Cavan County Council		N	ob umber 3-0092
		Location		Dates 01	/02/2024	Engineer Mc Adam Design		SI	heet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
					(0.35)	MADE GROUND: Grey angular fine to coarse GRAVEL.			
.50	ES					Firm brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse.			
.00	ES				(0.35) 0.35 0.35 (3.65)				
.00	ES				(3.65)		**************************************		
.00	ES								
.00	ES				4.00	Complete at 4.00m	<u></u>		
Remarks					-		Scale (approx)	Le	ogged y
						_	1:50		,
							Figure N 23-009		BH18

north Geote	west ech					Site Cavan Regional Sports Centre			umber 3H20
Machine : Da Method : Da Sa	ando Terrier rive-in Windowless ampler	Dimensior	ns	Ground	Level (mOD)	Client Cavan County Council			b Imber 3-0092
		Location		Dates 01	/02/2024	Engineer Mc Adam Design		Sł	n eet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00 2.00 3.00 4.00	ES ES ES					TOPSOIL Firm brown sand gravelly CLAY. Sand is filme to coarse. Gravel is subangular fine to coarse. Complete at 4.00m			
Remarks		1		I	<u> </u>	1	Scale (approx)	Lc By	ogged /
							1:50 Figure N 23-009		3H20

Ceote	west 2ch					Site Cavan Regional Sports Centre			^{mber} 8H21
Machine : Da Method : Da Sa	ando Terrier rive-in Windowless ampler	Dimension	IS	Ground	Level (mOD)	Client Cavan County Council			b mber -0092
		Location		Dates 01	/02/2024	Engineer Mc Adam Design			eet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.50 1.00 2.00 3.00	ES ES ES					TOPSOIL Firm brown sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular fine to coarse. Complete at 3.00m			
Remarks							Scale (approx)	Log	gged
							(approx)	y	
								 10.	
							Figure N 23-009		

					Cavan Regional Sports Centre	Number
lachine : Dando Terrier lethod : Drive-in Windowk Sampler	Dimensio	ns	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 / Tes	sts Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
				(0.60)	MADE GROUND: Firm brown very sandy CLAY with quarry stones. Sand is fine to coarse.	
.50 ES				0.60	Frim to stiff brown slightly sandy slightly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to	
.00 ES				(0.60) 0.60 (2.50) 3.10	coarse.	
.00 ES				(2.50)		
				3.10	Complete at 3.10m	
Remarks					Scale (approx	Logged By
					1:50 Figure	No. 092.SBH25