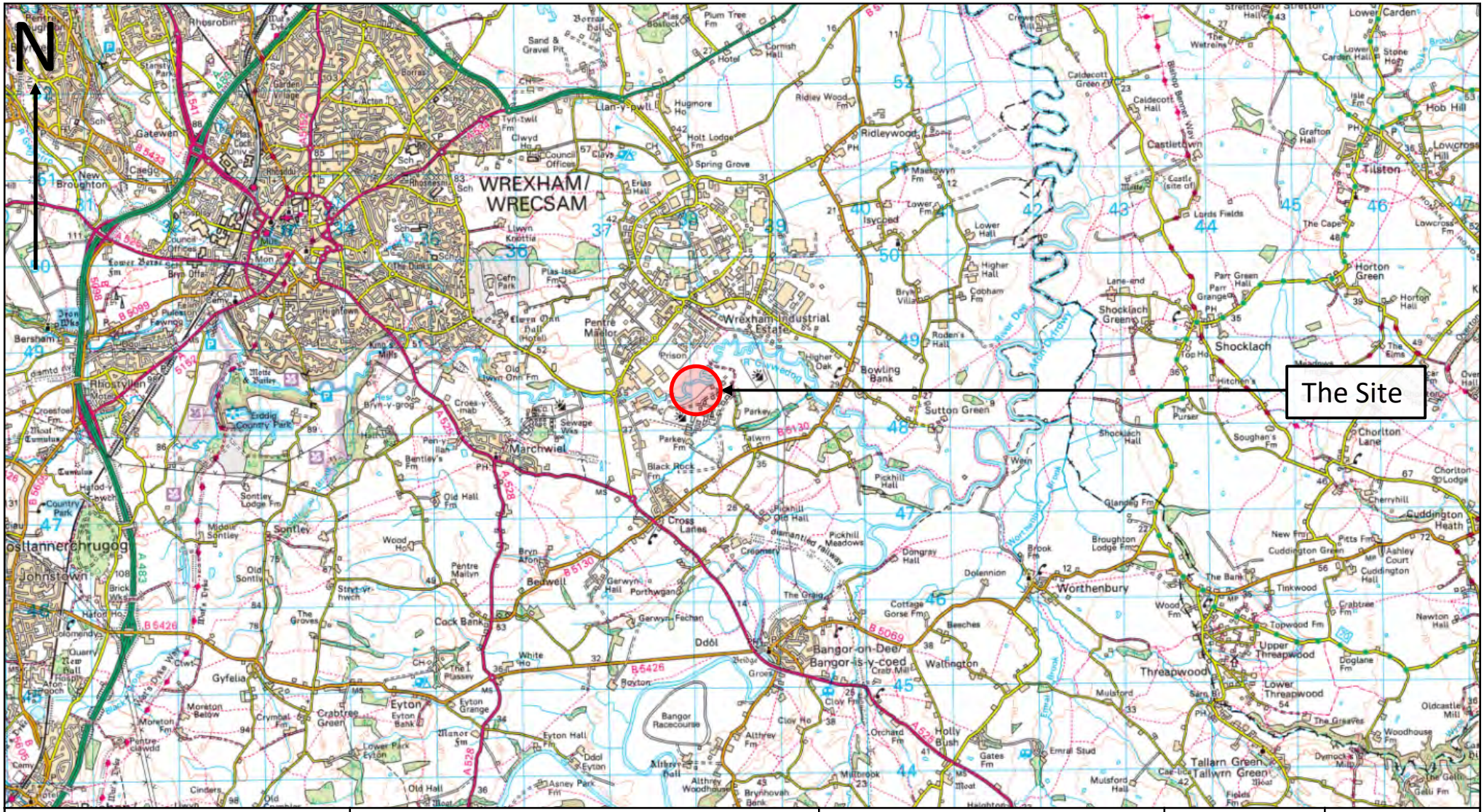
APPENDIX A

DRAWINGS



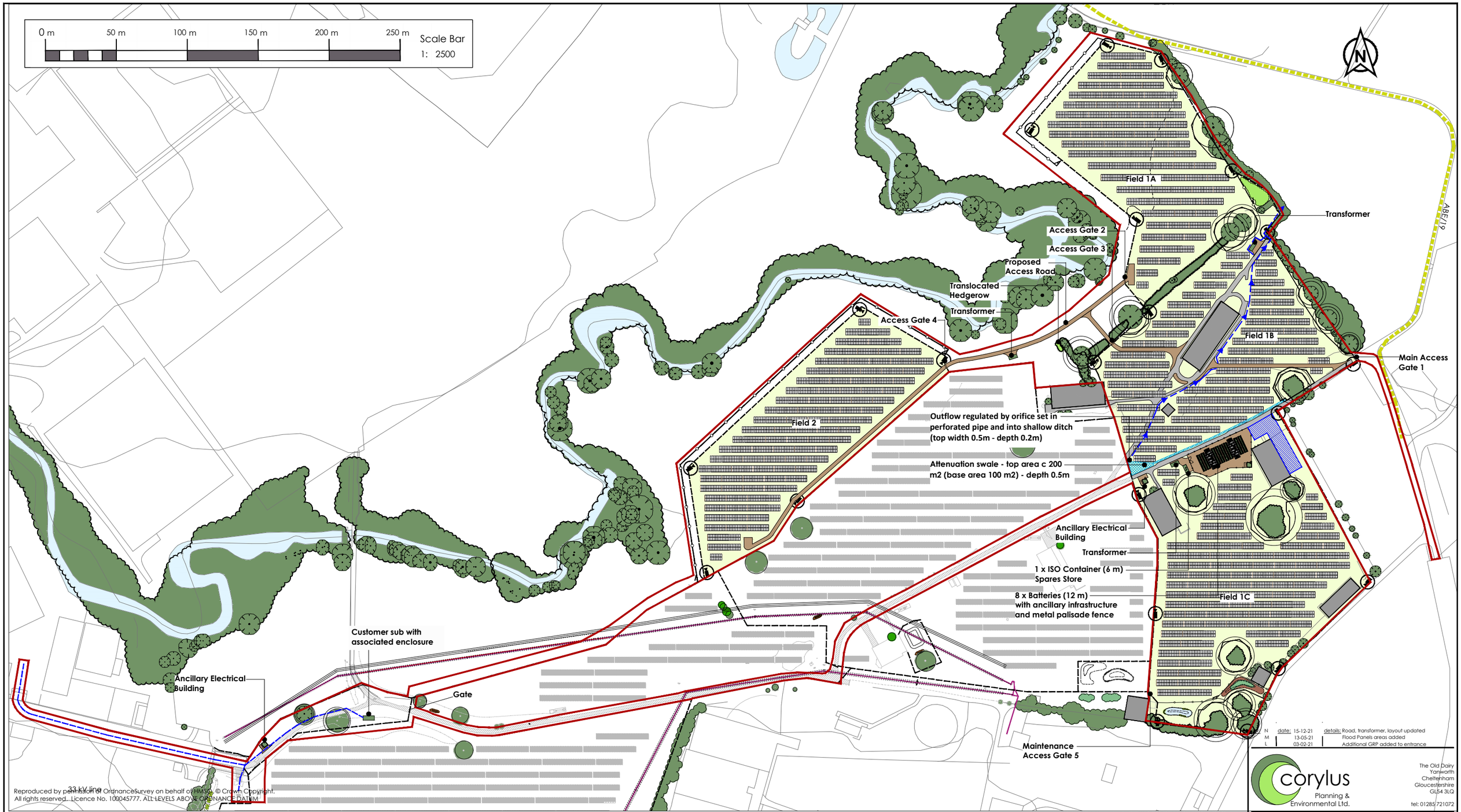
GeoCon Site Investigations Ltd
Suite 2 Marple House,
39 Stockport Road,
Marple,
Stockport,
SK6 6BD.
Tel: 0844 504 3901, Fax: 0844 504 3902,
Email: info@geoconsiteinvestigations.com
Web: www.geoconsiteinvestigations.com

PROJECT ID	DRAWING NUMBER	SCALE
GSI 2006 Solar Farm, Wrexham	GSI 2006/01	N.T.S
TITLE	**DATE**	**DRAWN BY**
Site Location Plan	December 2023	MP



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Stockport,
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PROJECT ID	DRAWING NUMBER	SCALE
GSI 2006 Solar Farm, Wrexham	GSI 2006/02	N.T.S
TITLE	**DATE**	**DRAWN BY**
Exploratory Hole Location Plan	February 2024	EW



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Key:

- Planning Application Boundary
- Soil Storage area
- Existing Building
- Cable route
- Shallow ditch
- Soil Bund
- Exising Hedgerow
- Proposed Planting
- Public Right of Way
- Deer fencing
- CCTV
- Attenuation Swale
- Battery store
- Proposed Access Road
- Existing site roads
- Palisade fence

rev:	date:	details:
K	02-02-21	RPZ updated, PV panels, pond and battery store updated.
J	28-01-21	Battery store and access + transform / ISO container relocated. Pond and cable route adjusted.
i	19-01-21	(JLB)Annotations removed, customer control updated.
H	16-12-20	(JLB)Tables changed to 2 x portrait arrangement
G	26-11-20	(JLB) Services removed, swales added & other updates
F	12-11-20	(JLB) Red line, cable & planting updated
E	12-11-20	(JLB) Red line, Road & Layout updated
D	19-10-20	(JLB) Red line and Eco enhancements added
C	12-10-20	(JLB) Road alignment adjusted
B	02-10-20	(JLB) Substation moved away from gas main
A	15-09-20	(JLB)Layout Amended

rev:	date:	details:
N	15-12-21	Road, transformer, layout updated
M	13-05-21	Flood Panels areas added
L	03-02-21	Additional GRP added to entrance

corylus Planning & Environmental Ltd.
The Old Dairy
Yarnworth
Cheltenham
Gloucestershire
GL54 3LQ
tel: 01285 721072

client:
Novus R S Ltd

project:
Solar Park to the north of Maelor Gasworks

title:
Design Layout

scale:	date:	drawn by :	checked by:	size:
1:2500	06/08/20	JLB		A3

Project ref :	dwg no:	rev:
258	WR-EX-258-06-1	N

APPENDIX B

DYNAMIC SAMPLE BOREHOLE LOGS

GeoCon Site Investigations Ltd
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Borehole ID

WS01

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 20/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 20/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.10	ES1				TOPSOIL: Soft dark brown sandy CLAY with abundant rootlets.		
0.10	ES2		0.20		Stiff slightly sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of chert.		
0.40	ES3						
0.80	D4						
1.00							
1.20	D5						
1.20	SPT	N = 16					
			1.70		Very stiff brown mottled grey sandy CLAY.		
2.00	D6						
2.00	SPT	N = 31					
3.00	SPT	N = 21			*Becoming stiff at 3.20m bgl.*		
4.00	SPT	N = 18					
5.00	SPT	N = 25	5.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100
4.00	5.00	70	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 1.70m bgl. Borehole backfilled with arisings.

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Borehole ID

WS02

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 20/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 20/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1				MADE GROUND: Soft dark brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of glass, plastic, brick and concrete. Sand is fine to coarse.		
			0.40		Firm light brown mottled grey slightly sandy gravelly CLAY. Gravel is subrounded to rounded fine to medium of chert and quartz.		
0.60	ES2						
1.00	D3						
1.20	SPT	N = 18					
			1.60			▼	
1.65	D4		1.70		Light brown very sandy GRAVEL. Gravel is subrounded fine to medium of chert and quartz.		
2.00	SPT	N = 41			Very stiff brown mottled grey slightly sandy gravelly CLAY. Gravel is subrounded to rounded fine to medium of chert and quartz.		
2.50	D5						
			2.70		Light brown very sandy GRAVEL. Gravel is rounded fine to medium of chert and quartz.		
			2.90		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is rounded fine to medium of chert and quartz.		
3.00	SPT	N = 29					
			3.30		Medium dense light brown slightly clayey gravelly fine tot coarse SAND. Gravel is rounded fine to medium of chert and quartz.		
4.00	SPT	N = 19					
5.00	SPT	N = 20	5.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100
4.00	5.00	70	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 1.60m bgl. Borehole backfilled with arisings.

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Borehole ID

WS03

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 20/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 20/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.10	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to medium of chert.		
			0.20				
0.40	ES2				Soft light brown mottled grey slightly sandy gravelly CLAY. Gravel is subrounded o rounded fine to coarse of chert and quartz.		
1.00 1.00	D3						
1.20	SPT	N = 16				▼	
			1.50				
			1.60		Brown very sandy clayey GRAVEL. Gravel is subangular to subrounded fine to medium of chert and quartz.		
1.90	D4				Firm brown mottled grey sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of chert and quartz.		
2.00 2.00	SPT	N = 20					
					Becoming gravelly at 2.70m bgl.		
2.90	D5						
3.00 3.00	SPT	N = 32					
4.00 4.00	SPT	N = 26					
5.00 5.00	SPT	N = 20	5.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100
4.00	5.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 1.50m bgl. Borehole backfilled with arisings.

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Borehole ID

WS04

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 20/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 20/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1		0.30		TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.		
0.40	ES2				Soft brown sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of chert and quartz.		
1.00	D3						
1.20	SPT	N = 13					
			1.70		Brown very sandy GRAVEL. Gravel is subrounded fine to coarse of chert and quartz.		
1.90	D4		1.90		Stiff brown mottled grey sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of chert and quartz.		
2.00	SPT	N = 35					
2.90	D5						
3.00	SPT	N = 28					
4.00	SPT	N = 23					
5.00	SPT	N = 19	5.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100
4.00	5.00	70	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 1.70m bgl. Borehole backfilled with arisings.

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Borehole ID

WS05

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 21/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 21/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Samplng & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1		0.30		TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.		
0.40	ES2				Firm brown sandy slightly gravelly CLAY. Gravel is subrounded fine to coarse of chert and quartz.		
1.00	D3						
1.20	SPT	N = 14					
			1.50		Stiff brown mottled grey slightly gravelly sandy CLAY. Gravel is rounded fine of chert and quartz.		
1.90	D4						
2.00	SPT	N = 25					
2.90	D5						
3.00	SPT	N = 26					
4.00	SPT	N = 25	4.00				
5.00							

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. No groundwater was encountered. Borehole backfilled with arisings.

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Borehole ID

WS06

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006		Easting:		Start Date: 21/02/2024	
Project Name: Wrexham Solar Farm		Northing:		End Date: 21/02/2024	
Client: Innova	Hole Type: DS	Level:	Logged By: EW	Scale: 1:30	Page Number: Page1 of 1

Depth	Sampling & Insitu Testing: Depth (m)	Type	Results	Depth	Legend	Strata Description	Well
	0.20	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.	
	0.20	ES2		0.30			
	0.40	ES3				Firm light brown slightly gravelly sandy CLAY. Gravel is subrounded fine to medium of chert and quartz.	
1.00	1.00	D4					
	1.20	SPT	N = 18				
				1.70		Stiff brown mottled grey slightly gravelly slightly sandy CLAY. Gravel is subrounded fine of chert and quartz.	
	1.90	D5					
2.00	2.00	SPT	N = 32				
	2.90	D6					
3.00	3.00	SPT	N = 29			*Becoming firm at 3.00m bgl.*	
4.00	4.00	SPT	N = 25			*Becoming stiff at 4.00m bgl.*	
5.00				5.00			

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. No groundwater was encountered. Borehole backfilled with arisings.

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Borehole ID

WS07

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 21/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 21/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.		
0.40	ES2		0.35		Firm light brown sandy slightly gravelly CLAY. Gravel is subrounded fine to coarse of chert and quartz.		
1.00	D3						
1.20	SPT	N = 20					
			1.60		Stiff brown mottled grey sandy slightly gravelly CLAY. Gravel is rounded fine of chert and quartz.		
2.00	SPT	N = 26					
			2.40			▼	
2.50	D4		2.50		Medium dense light brown gravelly SAND. Gravel is rounded fine of chert and quartz.		
					Stiff brown mottled grey sandy slightly gravelly CLAY. Gravel is rounded fine of chert and quartz.		
3.00	SPT	N = 26					
3.50	D5						
4.00	SPT	N = 26	4.00				
5.00							

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 2.40m bgl. Borehole backfilled with arisings.

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Borehole ID

WS08

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 21/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 21/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Samplng & Insitu Testing			Depth	Legend	Strata Description	Well
Depth (m)	Type	Results				
0.15	ES1		0.20		TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.	
0.40	ES2				Firm light brown orange slightly sandy lightly gravelly CLAY. Gravel is subrounded fine to medium of chert and quartz.	
1.00	D3					
1.20	SPT	N = 16	1.30		Firm brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of chert and quartz. Sand is fine to coarse.	
1.90	D4					
2.00	SPT	N = 21				
2.90	D5					
3.00	SPT	N = 24			*Becoming stiff at 3.00m bgl.*	
3.90	D6					
4.00	SPT	N = 20				
5.00	SPT	N = 30	5.00			

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100
4.00	5.00	70	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. No groundwater encountered. Borehole backfilled with arisings.

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Borehole ID

WS09

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 21/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 21/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Samplng & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.10	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.		
			0.20				
0.40	ES2				Soft brown sandy slightly gravelly CLAY. Gravel is subrounded fine to coarse of chert and quartz.		
1.00	D3						
1.20	SPT	N = 7					
			1.80			▼	
1.90	D4				Brown very sandy GRAVEL. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
2.00	SPT	N = 4	2.00		Soft brown mottled grey sandy slightly gravelly CLAY. Gravel is rounded fine of chert and quarts.		
			2.20		Loose brown very sandy GRAVEL. Gravel is subrounded fine to medium of chert and quartz.		
2.90	D5						
3.00	SPT	N = 18					
			3.10		Firm brown mottled grey slightly gravelly CLAY. Gravel is rounded fine of chert and quartz.		
			3.60		Medium dense brown very sandy GRAVEL. Gravel is subangular to subrounded fine to medium of chert and quartz.		
4.00	SPT	N = 20	4.00				
5.00							

Dynamic Sample Run Details

Top	Base	Diameter	Recovery

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 1.80m bgl. Borehole backfilled with arisings.

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Borehole ID

WS10

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006		Easting:		Start Date: 21/02/2024	
Project Name: Wrexham Solar Farm		Northing:		End Date: 21/02/2024	
Client: Innova	Hole Type: DS	Level:	Logged By: EW	Scale: 1:30	Page Number: Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.		
			0.40		Soft light brown orange slightly gravelly sandy CLAY. Gravel is subrounded fine to medium of chert and quartz.		
0.60	ES2						
			0.80		Light brown slightly clayey sandy GRAVEL. Gravel is subangular to subrounded fine to medium of chert and quartz.	▼	
1.00	D3						
1.20	SPT	N = 8					
			1.50		Firm brown sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of chert and quartz.		
1.90	D4		1.90		Light brown slightly clayey sandy GRAVEL. Gravel is subangular to subrounded fine to medium of chert and quartz.		
2.00	SPT	N = 11	2.10		Firm brown slightly sandy slightly gravelly CLAY. Gravel subrounded fine to medium chert and quartz.		
2.90	D5						
3.00	SPT	N = 1			*Becoming very soft at 3.00m bgl.*		
4.00	SPT	N = 19	4.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 1.00m bgl. Borehole backfilled with arisings.

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Borehole ID

WS11

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 22/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 22/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS			1:30	Page1 of 1

Samplng & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.		
0.20	ES2		0.30		Soft light brown slightly gravelly sandy CLAY. Gravel is subrounded fine to medium of chert and quartz.		
0.50	ES3						
1.00	D4						
1.20	SPT	N = 15					
			1.60		Medium dense light brown very sandy GRAVEL. Gravel is subangular to subrounded fine to coarse of chert and quartz.	▼	
1.90	D5						
2.00	SPT	N = 18					
			2.30		Soft brown gravelly sandy CLAY. Gravel is subrounded fine to coarse of chert and quartz.		
2.90	D6						
3.00	SPT	N = 26			*Becoming firm at 3.00m bgl.*		
4.00	SPT	N = 20	4.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 1.70m bgl. Borehole backfilled with arisings.

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Borehole ID

WS12

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 22/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 22/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.	▼	
			0.40				
0.60	ES2				Soft light brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to medium of chert and quartz.		
1.00	D3						
			1.10				
1.20	SPT	N = 3			Light brown sandy GRAVEL. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
			1.50				
1.90	D4				Soft light brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
2.00	SPT	N = 2					
			2.70				
2.90	D5				Loose grey very sandy GRAVEL. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
3.00	SPT	N = 8					
			3.60				
					Soft light brown sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
4.00	SPT	N = 25	4.00		Medium dense light grey very sandy GRAVEL. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
5.00	SPT	N = 30	5.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100
4.00	5.00	70	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 0.40m bgl. Borehole backfilled with arisings.

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Borehole ID

WS13

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006		Easting:		Start Date: 22/02/2024	
Project Name: Wrexham Solar Farm		Northing:		End Date: 22/02/2024	
Client: Innova	Hole Type: DS	Level:	Logged By: EW	Scale: 1:30	Page Number: Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.		
			0.40			▼	
0.60	ES2				Soft brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to medium of chert and quartz.		
1.00	D3						
1.20	SPT	N = 0					
1.90	D4						
2.00	SPT	N = 14					
			2.60		Loose light brown very sandy GRAVEL. Gravel is subangular to subrounded fine to medium of chert and quartz.		
2.90	D5						
3.00	SPT	N = 8					
4.00	SPT	N = 21	4.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 0.40m bgl. Borehole backfilled with arisings.

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Borehole ID

WS14

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 22/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 22/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Samplng & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.	▼	
			0.30		Soft brown slightly gravelly very sandy CLAY. Gravel is subrounded fine to medium of chert and quartz.		
0.60	ES2						
1.00	D3						
1.20	SPT	N = 3					
			1.70		Medium dense brown yellow very sandy GRAVEL. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
1.90	D4						
2.00	SPT	N = 16					
			2.40		Medium dense brown gravelly SAND. Gravel is subangular to subrounded fine of chert and quartz.		
			2.60		Medium dense brown yellow very sandy GRAVEL. Gravel is subangular to subrounded fine to medium of chert and quartz.		
2.90	D5						
3.00	SPT	N = 22					
4.00	SPT	N = 20	4.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 0.30m bgl. Borehole backfilled with arisings.

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Borehole ID

WS15

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 22/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 22/02/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Samplng & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.	▼	
0.40	ES2		0.40				
0.40	ES3				Soft brown slightly gravelly sandy CLAY. Gravel is subangular fine of chert and quartz.		
1.00	D4						
1.20	SPT	N = 0					
1.90	D5		1.90				
2.00	SPT	N = 15			Medium dense light brown slightly clayey very sandy GRAVEL. Gravel is subangular to subrounded fine to medium of chert and quartz.		
			2.70				
2.90	D6				Medium dense grey clayey sandy GRAVEL. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
3.00	SPT	N = 12					
4.00	SPT	N = 30	4.00				
5.00							

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 0.40m bgl. Borehole backfilled with arisings.

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Borehole ID

WS16

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006		Easting:		Start Date: 22/02/2024	
Project Name: Wrexham Solar Farm		Northing:		End Date: 22/02/2024	
Client: Innova	Hole Type: DS	Level:	Logged By: EW	Scale: 1:30	Page Number: Page1 of 1

Samplng & Insitu Testing			Depth	Legend	Strata Description	Well
Depth (m)	Type	Results				
0.20	SPT	N = 50	0.70		MADE GROUND: Brown clayey sandy GRAVEL. Gravel is angular to subangular fine to coarse of chert.	

1.00
2.00
3.00
4.00
5.00

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 0.20m bgl. No groundwater was encountered. Borehole backfilled with arisings.

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Borehole ID

WS17

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 23/03/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 23/03/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES1				TOPSOIL: Soft brown slightly gravelly sandy CLAY with abundant rootlets. Gravel is subangular to subrounded fine to coarse of chert.		
			0.40				
0.60	ES2				Soft brown slightly gravelly sandy CLAY. Gravel is subrounded fine to medium of chert and quartz.		
1.00	D3						
1.20	SPT	N = 8					
			1.80			▼	
1.90	D4				Medium dense light brown gravelly clayey SAND. Gravel is subrounded fine to medium of chert an quartz.		
2.00	SPT	N = 12					
			2.40				
					Medium dense brown clayey very sandy GRAVEL. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
2.90	D5						
3.00	SPT	N = 13					
			3.10				
					Firm brown mottled grey slightly gravelly sandy CLAY. Gravel is subrounded fine to coarse of chert and quartz.		
			3.90				
4.00	SPT	N = 15			Medium dense light brown slightly clayey very gravelly SAND. Gravel is subangular to subrounded fine to medium of chert and quartz.		
5.00	SPT	N = 16	5.00				

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
2.00	3.00	92	100
3.00	4.00	79	100
4.00	5.00	70	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 1.60m bgl. Borehole backfilled with arisings.

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Borehole ID

WS18

DYNAMIC SAMPLE BOREHOLE LOG

Project No: GSI 2006	Easting:	Start Date: 23/02/2024
Project Name: Wrexham Solar Farm	Northing:	End Date: 23/03/2024

Client	Hole Type	Level	Logged By	Scale	Page Number
Innova	DS		EW	1:30	Page1 of 1

Sampling & Insitu Testing			Depth	Legend	Strata Description	Water Strike	Well
Depth (m)	Type	Results					
0.20	ES2				TOPSOIL: Soft brown sandy gravelly CLAY with abundant rootlets. Gravel is subrounded fine to medium of chert.		
0.20	ES3		0.30		Soft brown slightly gravelly sandy CLAY. Gravel is subrounded fine to medium of chert and quartz.		
0.50	ES4						
0.50	ES5						
1.00	D6						
1.20	SPT	N = 4					
			1.60		Medium dense brown yellow clayey very sandy GRAVEL. Gravel is subangular to subrounded fine to coarse of chert and quartz.		
1.90	D7						
2.00	SPT	N = 22					
2.90	D8				*Becoming very clayey and loose at 2.80m bgl.*		
3.00	SPT	N = 8					
			3.40		Firm brown mottled grey slightly sandy CLAY. Gravel is rounded fine of chert and quartz.		
4.00	SPT	N = 18	4.00				
5.00							

Dynamic Sample Run Details

Top	Base	Diameter	Recovery
1.20	2.00	102	100
2.00	3.00	92	100
3.00	4.00	79	100

Remarks: Location cleared of buried services using CAT & Genny. Service inspection pit excavated to 1.20mbgl. Groundwater encountered at 1.60m bgl. Borehole backfilled with arisings.