

SUMMARY OF PRELIMINARY FINDINGS

Project Name:	Ashwell Street, Ashwell	Date of Instruction:	May 2025
Client ref:		Date of Site Work:	13/05/2025
WDE ref:	21362 – Ashwell Street, Ashwell	Date of Preliminary Report:	22/05/2025
WDE Project Engineer and contact details:	Cameron Burchell – 07928 686436 cburchell@wdeconsulting.co.uk	Proposed date of final report issue:	June 2025
		Site plan attached:	Yes
		Site Post Code:	SG7 5QR

Site Details:

- The site is located adjacent to 35 Ashwell Street, Ashwell and comprises an area of soft standing grass/bracken. There is an area of hardstanding to the west that appears to have once been a garage.
- It is understood that the proposed development is to comprise 2no residential units with associated garages and driveway access.

Summary of Intrusive Investigation:

- 5no boreholes (BH1 to BH5) with SPTs were drilled to a maximum depth of 4.00m bgl.
- 2no dynamic probes (DP1 to DP2) were drilled to a maximum depth of 2.00m bgl.
- The locations of each of the intrusive locations are shown in the attached figure.
- The material/geology that was encountered can be summarised as follows:

Material	Min – Max Depth Base (m bgl)	Average Depth (m bgl)	Locations
Made ground	Absent – 0.30	0.00 – 0.15	BH1, BH2, BH3
Topsoil	Absent – 0.25	0.0 – 0.20	BH4, BH5
Silty gravelly Clay	Absent – 0.30	0.15 – 0.30	BH1, BH2
Chalk	1.00 – 4.00+	0.25 – 4.00+	All

- Groundwater was not encountered during the investigation

Summary of Conditions

- No gross contamination was observed
- No geotechnical abnormalities were observed.

Preliminary Conclusions

- We are awaiting laboratory results before any final conclusions are made.

The information provided by this summary and any attached sheets is preliminary and is subject to change in the light of any laboratory testing which will be completed prior to the issue of the final report and following a full review of all of the information from the investigation as part of our Quality Management procedures. Any design decisions made on the back of this information are therefore made at the risk of the client and WDE Consulting accepts no liability in this respect.

Attached: Figures, Preliminary Borehole Logs



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LEGEND



Borehole



Dynamic Probe

Client

Mrs Oates and Mrs Smith

Project

21362 - Land Adjacent to 35 Ashwell Street, Ashwell

Title

Figure 3 - Intrusive Location Plan

Drawing supplied by client

Approximate Scale





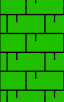


Borehole Log

BH1
Sheet 1 of 1

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Ashwell Street, Ashwell	Project No. 21362		Start Date 2025-05-13	End Date 2025-05-13

Client Ms. N. Oates and Ms. S. Smith	Consultant Cameron Burchell	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
		0.30	J1			(0.10) 0.10 (0.20) 0.30	  	MADE GROUND: Brown silty clay with charcoal fragments Soft brown silty CLAY White CHALK (Grade Dc)	0.5
		1.00 1.00	SPT B1	N=93 (16,19/27,29,37,0)		(0.80) 1.10		Refusal on very dense material	1.0
								End of Borehole at 1.10m	1.5
									2.0
									2.5
									3.0
									3.5
									4.0
									4.5
									5.0
									5.5
									6.0
									6.5
									7.0
									7.5
									8.0
									8.5
									9.0
									9.5
									10.0

Remarks Groundwater not encountered	Method, Plant, Stability, Dimensions 0.00 - 1.10m BH	Logger CB
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Borehole Log

BH1

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
BH				1:50
Project Name	Project No.	Start Date	End Date	
Ashwell Street, Ashwell	21362	2025-05-13	2025-05-13	

Client	Consultant	Contractor
Ms. N. Oates and Ms. S. Smith	Cameron Burchell	

SPT - Details

Top Depth (m) (Type)	Casing Depth (m)	Water Depth (m)	Hammer Serial No.	Energy Ratio (%)	Results
1.00 (S)					N=93 (16,19/27,29,37,0)

Sample Details

Sample ID	Type	Water Level (m)	Remarks
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Remarks	Method, Plant, Stability, Dimensions	Logger
Groundwater not encountered	0.00 - 1.10m BH	CB



Borehole Log

BH2
Sheet 1 of 1

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Ashwell Street, Ashwell	Project No. 21362		Start Date 2025-05-13	End Date 2025-05-13

Client Ms. N. Oates and Ms. S. Smith	Consultant Cameron Burchell	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
		0.50	J1			(0.10) 0.10 (0.20) 0.30	  	MADE GROUND: Brown silty clay with charcoal fragments Soft brown silty CLAY White CHALK (Grade Dm:Dc 75:25)	0.5
		1.00 1.00-2.00	SPT B1	N=23 (8,6/6,6,6,5)					1.0
		2.00 2.00-3.00	SPT B2	N=18 (5,5/5,5,4,4)		(3.70)			1.5
		3.00	SPT	N=28 (5,5/7,8,7,6)					2.0
		4.00	SPT	N=23 (5,5/6,5,6,6)		4.00			2.5
								End of Borehole at 4.00m	3.0
									3.5
									4.0
									4.5
									5.0
									5.5
									6.0
									6.5
									7.0
									7.5
									8.0
									8.5
									9.0
									9.5
									10.0

Remarks Groundwater not encountered	Method, Plant, Stability, Dimensions 0.00 - 4.00m BH	Logger CB
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Borehole Log

BH2

SUPPLEMENTARY INFO

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Ashwell Street, Ashwell		Project No. 21362	Start Date 2025-05-13	End Date 2025-05-13

Client
Ms. N. Oates and Ms. S. Smith

Consultant
Cameron Burchell

Contractor

SPT - Details

Top Depth (m) (Type)	Casing Depth (m)	Water Depth (m)	Hammer Serial No.	Energy Ratio (%)	Results
1.00 (S)					N=23 (8,6/6,6,6,5)
2.00 (S)					N=18 (5,5/5,5,4,4)
3.00 (S)					N=28 (5,5/7,8,7,6)
4.00 (S)					N=23 (5,5/6,5,6,6)

Sample Details

Sample ID	Type	Water Level (m)	Remarks
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Remarks	Groundwater not encountered
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Method, Plant, Stability, Dimensions
0.00 - 4.00m BH

Logger
CB



Borehole Log

BH3
Sheet 1 of 1

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Ashwell Street, Ashwell	Project No. 21362		Start Date 2025-05-13	End Date 2025-05-13

Client Ms. N. Oates and Ms. S. Smith	Consultant Cameron Burchell	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
		0.10	J1			(0.30) 0.30		MADE GROUND: Brown silty clay with charcoal, tile, slate, and red brick fragments	
		1.00 1.00-2.00	SPT B1	N=18 (2,3/4,4,5,5)				White CHALK (Grade Dm:Dc 50:50)	0.5
		2.00	SPT	N=19 (4,3/5,4,5,5)		(3.70)			2.0
		3.00	SPT	N=19 (3,3/4,5,5,5)					3.0
		4.00	SPT	N=43 (10,10/9,10,12,12)		4.00			4.0
								End of Borehole at 4.00m	4.5
									5.0
									5.5
									6.0
									6.5
									7.0
									7.5
									8.0
									8.5
									9.0
									9.5
									10.0

Remarks Groundwater not encountered	Method, Plant, Stability, Dimensions 0.00 - 4.00m BH	Logger CB
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Borehole Log

BH3

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
BH				1:50
Project Name	Project No.	Start Date	End Date	
Ashwell Street, Ashwell	21362	2025-05-13	2025-05-13	

Client	Consultant	Contractor
Ms. N. Oates and Ms. S. Smith	Cameron Burchell	

SPT - Details

Top Depth (m) (Type)	Casing Depth (m)	Water Depth (m)	Hammer Serial No.	Energy Ratio (%)	Results
1.00 (S)					N=18 (2,3/4,4,5,5)
2.00 (S)					N=19 (4,3/5,4,5,5)
3.00 (S)					N=19 (3,3/4,5,5,5)
4.00 (S)					N=43 (10,10/9,10,12,12)

Sample Details

Sample ID	Type	Water Level (m)	Remarks
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Remarks	Method, Plant, Stability, Dimensions	Logger
Groundwater not encountered	0.00 - 4.00m BH	CB



Borehole Log

BH4
Sheet 1 of 1

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Ashwell Street, Ashwell	Project No. 21362	Start Date 2025-05-13	End Date 2025-05-13	

Client Ms. N. Oates and Ms. S. Smith	Consultant Cameron Burchell	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
						(0.20) 0.20		TOPSOIL	
		1.00 1.00-2.00	SPT B1	N=25 (4,4/5,6,7,7)				White/pale grey CHALK (Grade Dc)	0.5
									1.0
									1.5
		2.00	SPT	N=30 (6,7/7,7,8,8)		(3.80)			2.0
									2.5
									3.0
		3.00	SPT	N=38 (5,6/9,10,10,9)					3.5
									4.0
		4.00	SPT	N=25 (4,5/5,6,7,7)		4.00			4.5
									5.0
									5.5
									6.0
									6.5
									7.0
									7.5
									8.0
									8.5
									9.0
									9.5
									10.0

Remarks Groundwater not encountered	Method, Plant, Stability, Dimensions 0.00 - 4.00m BH	Logger CB
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Borehole Log

BH4

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
BH				1:50
Project Name	Project No.	Start Date	End Date	
Ashwell Street, Ashwell	21362	2025-05-13	2025-05-13	

Client	Consultant	Contractor
Ms. N. Oates and Ms. S. Smith	Cameron Burchell	

SPT - Details

Top Depth (m) (Type)	Casing Depth (m)	Water Depth (m)	Hammer Serial No.	Energy Ratio (%)	Results
1.00 (S)					N=25 (4,4/5,6,7,7)
2.00 (S)					N=30 (6,7/7,7,8,8)
3.00 (S)					N=38 (5,6/9,10,10,9)
4.00 (S)					N=25 (4,5/5,6,7,7)

Sample Details

Sample ID	Type	Water Level (m)	Remarks
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Remarks	Method, Plant, Stability, Dimensions	Logger
Groundwater not encountered	0.00 - 4.00m BH	CB



Borehole Log

BH5
Sheet 1 of 1

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Ashwell Street, Ashwell	Project No. 21362	Start Date 2025-05-13	End Date 2025-05-13	

Client Ms. N. Oates and Ms. S. Smith	Consultant Cameron Burchell	Contractor
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Inst/ Backfill	Water Levels	Samples and Tests			Level (m)	Depth (m) (thickness)	Strata		
		Depth (m)	Type/ Ref	Results			Legend	Description	
						(0.25)		TOPSOIL	
						0.25		White CHALK (Grade Dm:Dc 50:50)	0.5
		1.00	SPT	N=20 (3,4/5,5,5,5)					1.0
									1.5
		2.00	SPT B1	N=28 (5,5/7,7,7,7)		(3.75)			2.0
		2.00-3.00							2.5
									3.0
		3.00	SPT	N=23 (6,6/6,5,6,6)					3.5
									4.0
		4.00	SPT	N=43 (8,9/9,10,12,12)		4.00			4.5
									5.0
									5.5
									6.0
									6.5
									7.0
									7.5
									8.0
									8.5
									9.0
									9.5
									10.0

End of Borehole at 4.00m

Remarks Groundwater not encountered	Method, Plant, Stability, Dimensions 0.00 - 4.00m BH	Logger CB
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Borehole Log

BH5
SUPPLEMENTARY INFO

Hole Type BH	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Ashwell Street, Ashwell	Project No. 21362	Start Date 2025-05-13	End Date 2025-05-13	

Client Ms. N. Oates and Ms. S. Smith	Consultant Cameron Burchell	Contractor
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SPT - Details					
Top Depth (m) (Type)	Casing Depth (m)	Water Depth (m)	Hammer Serial No.	Energy Ratio (%)	Results
1.00 (S)					N=20 (3,4/5,5,5,5)
2.00 (S)					N=28 (5,5/7,7,7,7)
3.00 (S)					N=23 (6,6/6,5,6,6)
4.00 (S)					N=43 (8,9/9,10,12,12)

Sample Details			
Sample ID	Type	Water Level (m)	Remarks

Remarks Groundwater not encountered	Method, Plant, Stability, Dimensions 0.00 - 4.00m BH	Logger CB
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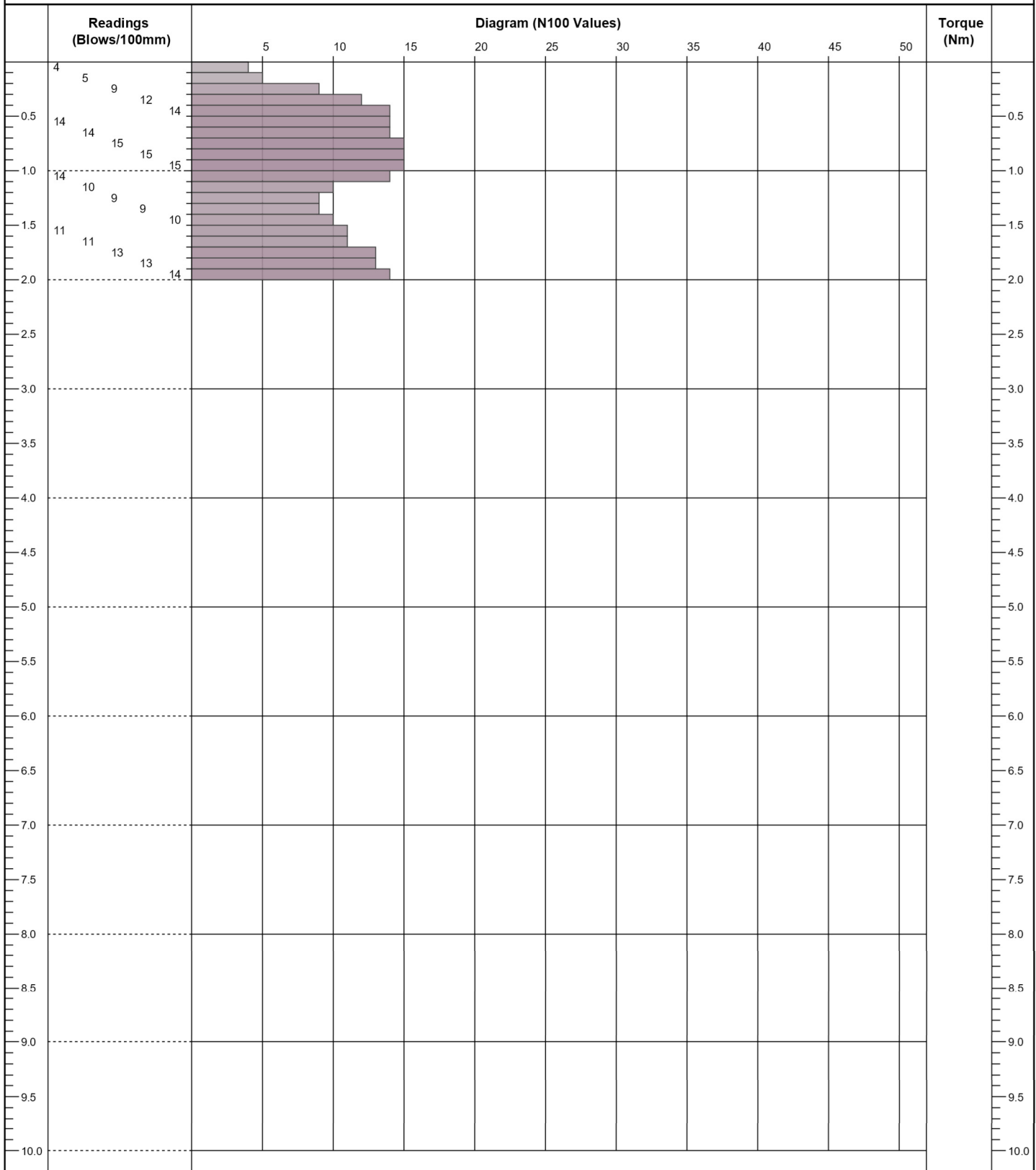


Dynamic Probe

DP1
Sheet 1 of 1

Probe Type DPSH-B	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Ashwell Street, Ashwell	Project No. 21362		Start Date 2025-05-13	End Date 2025-05-13

Client Ms. N. Oates and Ms. S. Smith	Consultant Cameron Burchell	Contractor
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Remarks	Method, Plant 0.00 - 2.00m DP	Logger CB
	Hammer Weight (kg)	
	Hammer Drop (mm)	
	Cone Diameter (mm)	
	Cone Angle	
	Rod Diameter (mm)	
	Damper	

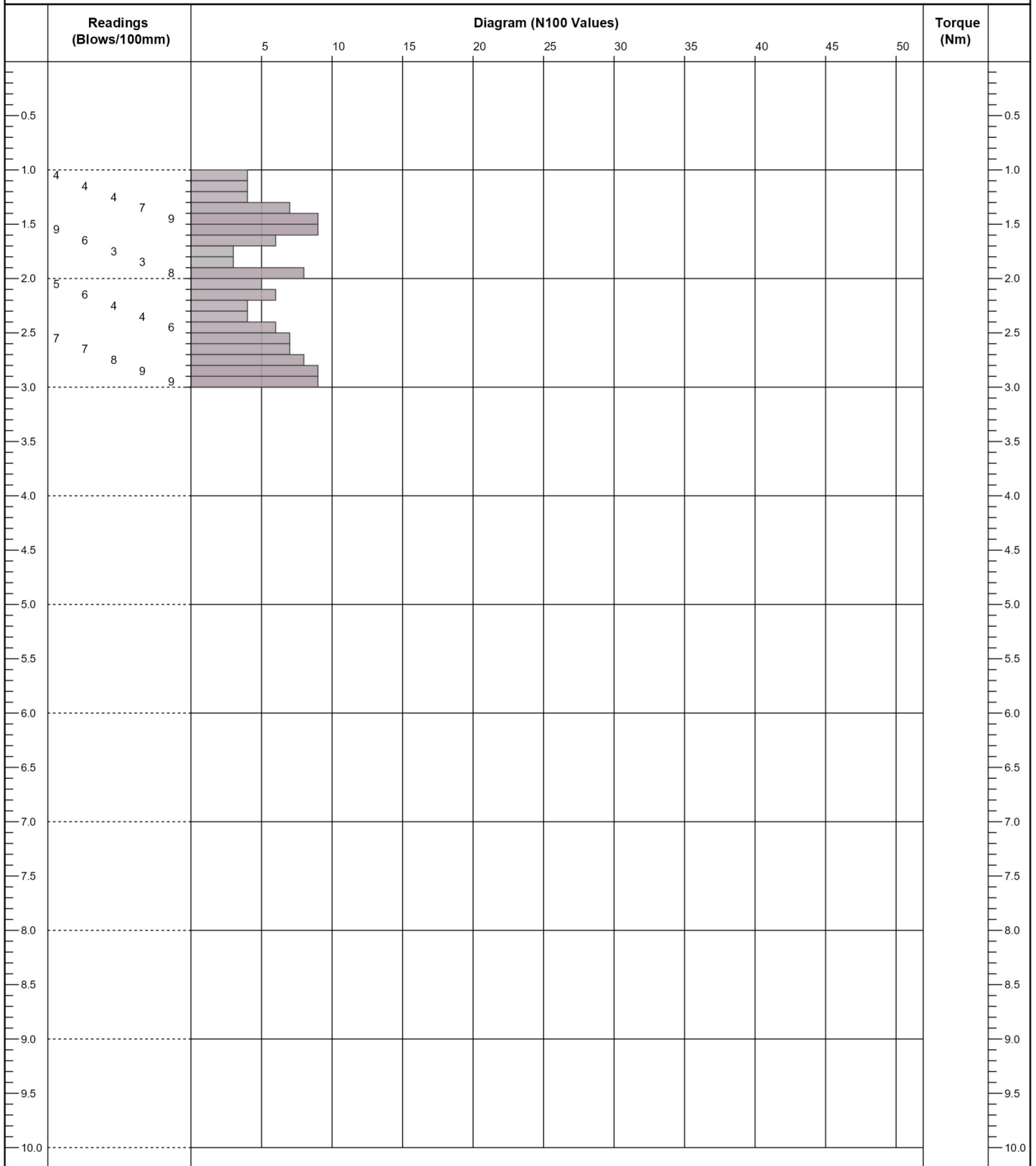


Dynamic Probe

DP2
Sheet 1 of 1

Probe Type	Easting	Northing	Ground Level (m)	Scale 1:50
Project Name Ashwell Street, Ashwell	Project No. 21362		Start Date 2025-05-13	End Date 2025-05-13

Client Ms. N. Oates and Ms. S. Smith	Consultant Cameron Burchell	Contractor
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Remarks	Method, Plant 1.00 - 3.00m DP	Logger CB
	Hammer Weight (kg)	
	Hammer Drop (mm)	
	Cone Diameter (mm)	
	Cone Angle	
	Rod Diameter (mm)	
	Damper	