Laboratory Report	ETS/23148	Contract Sample No	C1583/70
Report Date	07/10/2025	ETS Contract No	C1583/70

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Project:
Dove Valley Park

Date Sampled	01/10/2025
Sample Location	See Below
Client Reference	C1583/70
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	01/10/2025
Date Tested	01/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/508	Operator AG

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/70	N10 Layer 1	110	120	128	114	N/A	**Too Stiff**
C1583/70	Q11 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/70	P11 Layer 2	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23200	Contract Sample No	C1583/75
Report Date	07/10/2025	ETS Contract No	C1583/75

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Project:
Dove Valley Park

Date Sampled	02/10/2025
Sample Location	See Below
Client Reference	C1583/75
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	02/10/2025
Date Tested	02/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/75	AA4 Layer 6	110	112	128	120	118	**118**
C1583/75	AB4 Layer 5	120	124	118	128	123	**123**
C1583/75	AA5 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/75	AB5 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/75	AA6 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/75	AB6 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/75	Z7 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/75	AA7 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/75	AB7 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/75	Z8 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/75	AA8 Layer 8	120	126	120	128	124	**124**
C1583/75	AB8 Layer 11	108	110	114	114	112	**112**
C1583/75	Z9 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/75	AA9 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/75	AB9 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/75	Z10 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/75	AA10 Layer 8	108	112	116	120	114	**114**
C1583/75	AB10 Layer 11	100	120	128	130	120	**120**
C1583/75	Z11 Layer 7	120	122	112	116	118	**118**
C1583/75	AA11 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/75	Y8 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/75	Y9 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/75	Z4 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/75	Z5 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/75	Z6 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/75	AA4 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/75	AB4 Layer 6	120	126	120	128	124	**124**
C1583/75	AA5 Layer 7	124	118	118	114	119	**119**
C1583/75	AB5 Layer 8	123	126	120	122	123	**123**
C1583/75	AA6 Layer 9	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Laboratory Report	ETS/23200	Contract Sample No	C1583/75
Report Date	07/10/2025	ETS Contract No	C1583/75

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Project:
Dove Valley Park

Date Sampled	02/10/2025
Sample Location	See Below
Client Reference	C1583/75
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	02/10/2025
Date Tested	02/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/75	AB6 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/75	Z7 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/75	AA7 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/75	AB7 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/75	Z8 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/75	AA8 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/75	AB8 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/75	Z9 Layer 5	120	124	118	120	121	**121**
C1583/75	AA9 Layer 10	128	120	126	120	124	**124**
C1583/75	AB9 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/75	Z10 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/75	AA10 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/75	AB10 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/75	Z11 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/75	AA11 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/75	Y8 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/75	Y9 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/75	Z4 Layer 2	124	128	130	130	128	**128**
C1583/75	AA4 Layer 8	112	116	112	100	110	**110**
C1583/75	AB4 Layer 7	120	124	128	120	123	**123**
C1583/75	Z5 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/75	AA5 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/75	AB5 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/75	Z6 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/75	AA6 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/75	AB6 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/75	Z7 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/75	AA7 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/75	AB7 Layer 13	>130	>130	>130	>130	>130	**>130**

Notes:

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23319	Contract Sample No	C1583/93
Report Date	08/10/2025	ETS Contract No	C1583/93

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Project:
Dove Valley Park

Date Sampled	06/10/2025
Sample Location	See Below
Client Reference	C1583/93
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	06/10/2025
Date Tested	06/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/93	W3 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/93	X3 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/93	W18 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/93	V18 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/93	U17 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/93	T17 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23320	Contract Sample No	C1583/94
Report Date	07/10/2025	ETS Contract No	C1583/94

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Project:
Dove Valley Park

Date Sampled	07/10/2025
Sample Location	See Below
Client Reference	C1583/94
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% OPC (Class 7)
Date Received	07/10/2025
Date Tested	07/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/94	AB4 Layer 7 Re-Test	112	118	120	118	117	**117**
C1583/94	AB5 Layer 9 Re-Test	100	118	126	122	117	**117**
C1583/94	AB6 Layer 13 Re-Test	120	130	124	122	124	**124**
C1583/94	AA7 Layer 10 Re-Test	114	100	106	108	107	**107**
C1583/94	AB7 Layer 13 Re-Test	122	128	124	120	124	**124**
C1583/94	AA8 Layer 9 Re-Test	96	114	120	106	109	**109**
C1583/94	AB8 Layer 12 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/94	AA9 Layer 10 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/94	AB9 Layer 12 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/94	AA10 Layer 10 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/94	AB10 Layer 12 Re-Test	112	118	118	120	117	**117**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Template Version: 1.0

** END OF REPORT **

Laboratory Report	ETS/23321	Contract Sample No	C1583/95
Report Date	07/10/2025	ETS Contract No	C1583/95

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Project:
Dove Valley Park

Date Sampled	07/10/2025
Sample Location	See Below
Client Reference	C1583/95
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	07/10/2025
Date Tested	07/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/95	AA6 Sub Formation Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/95	AA4 Sub Formation Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23324	Contract Sample No	C1583/98
Report Date	07/10/2025	ETS Contract No	C1583/98

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Project:
Dove Valley Park

Date Sampled	07/10/2025
Sample Location	See Below
Client Reference	C1583/98
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	07/10/2025
Date Tested	07/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/98	Z5 Layer 2 Re-Test	98	104	106	108	104	**104**
C1583/98	Z6 Layer 2 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/98	Z7 Layer 3 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/98	Z8 Layer 5 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/98	Z9 Layer 5 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/98	Z10 Layer 8 Re-Test	120	116	114	122	118	**118**
C1583/98	Y9 Layer 2 Re-Test	128	124	120	126	125	**125**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23329	Contract Sample No	C1583/103
Report Date	07/10/2025	ETS Contract No	C1583/103

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Project:
Dove Valley Park

Date Sampled	07/10/2025
Sample Location	See Below
Client Reference	C1583/103
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	07/10/2025
Date Tested	07/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/103	Q4 Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/103	R4 Sub Formation	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23370	Contract Sample No	C1583/104
Report Date	10/10/2025	ETS Contract No	C1583/104

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Project:
Dove Valley Park

Date Sampled	08/10/2025
Sample Location	See Below
Client Reference	C1583/104
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	08/10/2025
Date Tested	08/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/104	Y4 Sub Formation Re-Test	126	128	122	120	124	**124**
C1583/104	X4 Sub Formation Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/104	W6 Sub Formation Re-Test	112	116	120	114	116	**116**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23371	Contract Sample No	C1583/105
Report Date	10/10/2025	ETS Contract No	C1583/105

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Project:
Dove Valley Park

Date Sampled	08/10/2025
Sample Location	See Below
Client Reference	C1583/105
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	08/10/2025
Date Tested	08/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/105	AA6 Layer 10	122	126	118	120	122	**122**
C1583/105	AA6 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/105	AA6 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/105	AA5 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/105	AA6 Layer 4	108	116	100	102	107	**107**
C1583/105	AA4 Layer 1	126	120	122	118	122	**122**
C1583/105	AA5 Layer 2	120	114	116	110	115	**115**
C1583/105	AA6 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/105	AA4 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/105	AA7 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/105	AA8 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/105	Z8 Layer 6	96	112	108	98	104	**104**
C1583/105	Z9 Layer 6	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/105	AA9 Layer 11	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/105	AB9 Layer 13	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/105	Z10 Layer 9	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/105	AA10 Layer 10	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/105	AB10 Layer 13	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/105	Z11 Layer 9	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/105	AA4 Layer 3	106	114	110	112	111	**111**
C1583/105	AA5 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/105	AA6 Layer 6	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23391	Contract Sample No	C1583/112
Report Date	10/10/2025	ETS Contract No	C1583/112

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Project:
Dove Valley Park

Date Sampled	09/10/2025
Sample Location	See Below
Client Reference	C1583/112
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	09/10/2025
Date Tested	09/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/112	R3 FFL	128	120	116	118	121	**121**
C1583/112	S3 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	T3 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	U3 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	Q5 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	R5 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	S5 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	T5 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	U5 FFL	100	108	94	112	104	**104**
C1583/112	Q6 FFL	118	120	122	128	122	**122**
C1583/112	R6 FFL	124	126	130	120	125	**125**
C1583/112	S6 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	T6 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	U6 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	S4 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	T4 FFL	>130	>130	>130	>130	>130	**>130**
C1583/112	U4 FFL	126	120	120	130	124	**124**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/23392	Contract Sample No	C1583/113
Report Date	10/10/2025	ETS Contract No	C1583/113

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Project:
Dove Valley Park

Date Sampled	09/10/2025
Sample Location	See Below
Client Reference	C1583/113
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	09/10/2025
Date Tested	09/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/113	AA4 Layer 4	128	130	120	122	125	**125**
C1583/113	AA5 Layer 4	110	116	114	116	114	**114**
C1583/113	AA6 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/113	AA4 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/113	AA5 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/113	AA6 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/113	AA7 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/113	AA8 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/113	AB8 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/113	AA9 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/113	AB9 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/113	Z10 Layer 9	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/113	Z11 Layer 9	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/113	AA10 Layer 11	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/113	AB10 Layer 14	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/113	AA4 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/113	AA5 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/113	AA6 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/113	AA7 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/113	AA8 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/113	AB8 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/113	AA9 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/113	AB9 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/113	Z10 Layer 10	120	124	122	120	122	**122**
C1583/113	Z11 Layer 10	128	120	126	118	123	**123**
C1583/113	AA10 Layer 12	108	110	114	112	111	**111**
C1583/113	AB10 Layer 15	120	116	120	120	119	**119**
C1583/113	AA4 Layer 7	112	118	98	96	106	**106**
C1583/113	AA5 Layer 7	120	128	121	127	124	**124**
C1583/113	AA6 Layer 10	114	120	112	118	116	**116**

Notes: UTP - Unable to Penetrate

Laboratory Report	ETS/23392	Contract Sample No	C1583/113
Report Date	10/10/2025	ETS Contract No	C1583/113

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Project:
Dove Valley Park

Date Sampled	09/10/2025
Sample Location	See Below
Client Reference	C1583/113
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	09/10/2025
Date Tested	09/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/113	AA7 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/113	AA8 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/113	AB8 Layer 15	>130	>130	>130	>130	>130	**>130**
C1583/113	AA9 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/113	AB9 Layer 15	>130	>130	>130	>130	>130	**>130**
C1583/113	Z10 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/113	Z11 Layer 11	128	130	120	126	126	**126**
C1583/113	AA10 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/113	AB10 Layer 16	>130	>130	>130	>130	>130	**>130**
C1583/113	Z4 Layer 3	126	120	124	118	122	**122**
C1583/113	Z5 Layer 3	130	120	118	116	121	**121**
C1583/113	Z6 Layer 3	120	118	114	114	117	**117**
C1583/113	Z7 Layer 4	112	112	118	130	118	**118**
C1583/113	Z8 Layer 7	120	114	112	110	114	**114**
C1583/113	Z9 Layer 7	>130	>130	>130	>130	>130	**>130**

Notes:

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23404	Contract Sample No	C1583/125
Report Date	10/10/2025	ETS Contract No	C1583/125

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Project:
Dove Valley Park

Date Sampled	09/10/2025
Sample Location	See Below
Client Reference	C1583/125
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	09/10/2025
Date Tested	09/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/125	A10 Layer 5	128	120	118	120	122	**122**
C1583/125	B10 Layer 5	130	120	126	118	124	**124**
C1583/125	C10 Layer 5	120	128	130	124	126	**126**
C1583/125	F10 Layer 5	118	120	116	114	117	**117**
C1583/125	H10 Layer 5	108	112	114	110	111	**111**
C1583/125	K10 Layer 5	120	116	118	112	117	**117**
C1583/125	M10 Layer 5	108	130	128	120	122	**122**
C1583/125	P11 Layer 3	120	118	112	112	116	**116**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Template Version: 1.0

** END OF REPORT **

Laboratory Report	ETS/23524	Contract Sample No	C1583/134
Report Date	14/10/2025	ETS Contract No	C1583/134

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Project:
Dove Valley Park

Date Sampled	13/10/2025
Sample Location	See Below
Client Reference	C1583/134
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	13/10/2025
Date Tested	13/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/004	Operator	JM

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/134	A10 Layer 6	150	150	150	150	150	**150**
C1583/134	B9 Layer 6	140	150	150	150	148	**148**
C1583/134	B10 Layer 6	150	150	150	150	150	**150**
C1583/134	C9 Layer 6	150	130	150	150	145	**145**
C1583/134	C10 Layer 6	95	135	70	95	99	**99**
C1583/134	D10 Layer 6	70	150	135	120	119	**119**
C1583/134	F10 Layer 6	85	150	130	145	128	**128**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23556	Contract Sample No	C1583/135
Report Date	14/10/2025	ETS Contract No	C1583/135

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Project:
Dove Valley Park

Date Sampled	14/10/2025
Sample Location	See Below
Client Reference	C1583/135
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	14/10/2025
Date Tested	14/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/004	Operator	JM

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/135	A10 Layer 7	150	105	135	100	123	**123**
C1583/135	B9 Layer 7	80	140	130	110	115	**115**
C1583/135	B10 Layer 7	130	150	125	150	139	**139**
C1583/135	C9 Layer 7	150	125	140	130	136	**136**
C1583/135	C10 Layer 7	150	150	130	150	145	**145**
C1583/135	G10 Layer 6	150	150	150	150	150	**150**
C1583/135	H10 Layer 6	120	110	135	130	124	**124**
C1583/135	J10 Layer 6	150	125	150	140	141	**141**
C1583/135	K10 Layer 6	145	125	130	130	133	**133**
C1583/135	L10 Layer 6	135	150	150	115	138	**138**
C1583/135	M10 Layer 6	90	105	150	120	116	**116**
C1583/135	N10 Layer 4	150	115	145	130	135	**135**
C1583/135	P11 Layer 4	125	90	150	150	129	**129**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23557	Contract Sample No	C1583/136
Report Date	14/10/2025	ETS Contract No	C1583/136

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Project:
Dove Valley Park

Date Sampled	14/10/2025
Sample Location	See Below
Client Reference	C1583/136
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	14/10/2025
Date Tested	14/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/136	AA10 Layer 15	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AA10 Layer 16	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AA10 Layer 17	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AB10 Layer 18	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AA10 Layer 18	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AA11 Layer 10	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AB9 Layer 17	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AB8 Layer 17	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AB7 Layer 15	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AB6 Layer 14	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AB5 Layer 10	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AB4 Layer 9	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AB9 Layer 18	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/136	AA4 Layer 9	124	128	120	122	124	**124**
C1583/136	Z4 Layer 5	120	118	126	118	121	**121**
C1583/136	AA5 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/136	Z5 Layer 5	108	112	114	113	112	**112**
C1583/136	Z6 Layer 5	120	124	118	120	121	**121**
C1583/136	AA6 Layer 12	118	120	124	116	120	**120**
C1583/136	AA7 Layer 15	122	128	118	120	122	**122**
C1583/136	Z7 Layer 6	118	122	126	124	123	**123**
C1583/136	AA8 Layer 15	128	120	122	124	124	**124**
C1583/136	Z8 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/136	Z9 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/136	Z10 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/136	Z11 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/136	AA9 Layer 15	128	130	120	122	125	**125**
C1583/136	Y6 Layer 1	118	128	110	112	117	**117**
C1583/136	Y7 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/136	Y8 Layer 3	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Laboratory Report	ETS/23557	Contract Sample No	C1583/136
Report Date	14/10/2025	ETS Contract No	C1583/136

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Project:
Dove Valley Park

Date Sampled	14/10/2025
Sample Location	See Below
Client Reference	C1583/136
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	14/10/2025
Date Tested	14/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/136	Y9 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/136	Z6 Layer 6	>130	>130	>130	>130	>130	**>130**

Notes:

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23608	Contract Sample No	C1583/141
Report Date	16/10/2025	ETS Contract No	C1583/141

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Project:
Dove Valley Park

Date Sampled	15/10/2025
Sample Location	See Below
Client Reference	C1583/141
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	15/10/2025
Date Tested	15/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/141	A10 Layer 8	150	135	150	115	138	**138**
C1583/141	B9 Layer 8	105	145	120	150	130	**130**
C1583/141	B10 Layer 8	130	120	100	95	111	**111**
C1583/141	C9 Laayer 8	150	75	140	110	119	**119**
C1583/141	C10 Layer 8	130	150	150	150	145	**145**
C1583/141	D10 Layer 7	125	150	90	130	124	**124**
C1583/141	G10 Layer 7	115	130	150	125	130	**130**
C1583/141	H10 Layer 7	150	150	150	150	150	**150**
C1583/141	J10 Layer 7	120	140	130	85	119	**119**
C1583/141	K10 Layer 7	150	100	150	90	123	**123**
C1583/141	L10 Layer 7	125	110	80	130	111	**111**
C1583/141	M10 Layer 7	150	150	95	150	136	**136**
C1583/141	N10 Layer 5	120	105	135	100	115	**115**
C1583/141	G10 Layer 8	85	90	120	105	100	**100**
C1583/141	H10 Layer 8	150	120	115	140	131	**131**
C1583/141	G10 Layer 9	85	150	105	150	123	**123**
C1583/141	H10 Layer 9	90	90	150	120	113	**113**
C1583/141	G10 Layer 10	75	105	90	100	93	**93**
C1583/141	H10 Layer 10	80	120	115	115	108	**108**
C1583/141	J10 Layer 8	140	95	90	100	106	**106**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23609	Contract Sample No	C1583/142
Report Date	16/10/2025	ETS Contract No	C1583/142

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Project:
Dove Valley Park

Date Sampled	15/10/2025
Sample Location	See Below
Client Reference	C1583/142
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	15/10/2025
Date Tested	15/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/142	AA5 Layer 10	116	126	120	124	122	**122**
C1583/142	AA6 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/142	Z4 Layer 6	110	114	108	112	111	**111**
C1583/142	Z5 Layer 6	120	112	114	118	116	**116**
C1583/142	Z6 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/142	Z7 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/142	Z8 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/142	Z9 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/142	Z10 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/142	Z11 Layer 14	108	114	100	106	107	**107**
C1583/142	AA8 Layer 16	126	120	124	112	121	**121**
C1583/142	AA9 Layer 16	>130	>130	>130	>130	>130	**>130**
C1583/142	Z7 Layer 8	124	120	118	118	120	**120**
C1583/142	Z8 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/142	Z9 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/142	Z7 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/142	Z8 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/142	Z9 layer 12	128	130	120	114	123	**123**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23612	Contract Sample No	C1583/145
Report Date	16/10/2025	ETS Contract No	C1583/145

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Project:
Dove Valley Park

Date Sampled	15/10/2025
Sample Location	See Below
Client Reference	C1583/145
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% OPC (Class 7)
Date Received	15/10/2025
Date Tested	15/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/145	Y7 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/145	Y8 Layer 4	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/145	Y9 Layer 4	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/23649	Contract Sample No	C1583/153
Report Date	22/10/2025	ETS Contract No	C1583/153

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Project:
Dove Valley Park

Date Sampled	16/10/2025
Sample Location	See Below
Client Reference	C1583/153
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	16/10/2025
Date Tested	16/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/004	Operator JM

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/153	G10 Layer 11	130	120	90	110	113	**113**
C1583/153	H10 Layer 11	125	150	105	85	116	**116**
C1583/153	J10 Layer 9	130	140	150	135	139	**139**
C1583/153	K10 Layer 8	140	140	115	150	136	**136**
C1583/153	L10 Layer 8	90	150	150	120	128	**128**
C1583/153	M10 Layer 8	150	150	150	130	145	**145**
C1583/153	N10 Layer 6	135	100	130	150	129	**129**
C1583/153	K10 Layer 9	85	150	90	120	111	**111**
C1583/153	L10 Layer 9	105	140	95	115	114	**114**
C1583/153	M10 Layer 9	100	70	135	125	108	**108**
C1583/153	N10 Layer 7	95	150	135	120	125	**125**
C1583/153	S10 Layer 10	150	95	105	100	113	**113**
C1583/153	K10 Layer 10	150	110	120	150	133	**133**
C1583/153	L10 Layer 10	140	135	90	120	121	**121**
C1583/153	M10 Layer 10	90	110	150	75	106	**106**
C1583/153	N10 Layer 8	130	70	150	125	119	**119**
C1583/153	L10 Layer 11	150	145	130	150	144	**144**
C1583/153	M10 Layer 11	130	150	150	140	143	**143**
C1583/153	N10 Layer 9	110	150	85	126	118	**118**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23650	Contract Sample No	C1583/154
Report Date	22/10/2025	ETS Contract No	C1583/154

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Project:
Dove Valley Park

Date Sampled	16/10/2025
Sample Location	See Below
Client Reference	C1583/154
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	16/10/2025
Date Tested	16/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/154	Y4 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/154	Y5 Layer 1	120	126	120	122	122	**122**
C1583/154	Y6 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/154	Y7 Layer 3	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/154	Y8 Layer 5	128	120	124	128	125	**125**
C1583/154	Y9 Layer 5	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/154	Y10 Layer 1	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/154	Z7 Layer 10	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/154	Z8 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/154	Z9 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/154	Z10 Layer 15	>130	>130	>130	>130	>130	**>130**
C1583/154	AA8 Layer 17	118	110	114	112	114	**114**
C1583/154	AA9 Layer 17	130	126	122	120	125	**125**
C1583/154	Y4 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/154	Y5 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/154	Y6 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/154	Y7 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/154	Y8 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/154	Y9 Layer 6	126	120	120	120	122	**122**
C1583/154	Y10 Layer 2	114	118	110	112	114	**114**
C1583/154	Z10 Layer 16	120	128	116	130	124	**124**
C1583/154	Z9 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/154	AA9 Layer 18	>130	>130	>130	>130	>130	**>130**
C1583/154	Y4 Layer 3	126	128	122	124	125	**125**
C1583/154	Y5 Layer 3	128	112	118	110	117	**117**
C1583/154	Y6 Layer 4	108	110	102	100	105	**105**
C1583/154	Y7 Layer 5	110	102	106	110	107	**107**
C1583/154	Y8 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/154	Y9 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/154	Y10 Layer 3	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Laboratory Report	ETS/23650	Contract Sample No	C1583/154
Report Date	22/10/2025	ETS Contract No	C1583/154

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Project:
Dove Valley Park

Date Sampled	16/10/2025
Sample Location	See Below
Client Reference	C1583/154
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	16/10/2025
Date Tested	16/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/154	Y7 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/154	Y8 Layer 8	96	108	112	114	108	**108**
C1583/154	Y9 Layer 8	120	128	124	124	124	**124**
C1583/154	Y10 Layer 4	110	118	102	107	109	**109**
C1583/154	Y8 Layer 9	120	110	118	122	118	**118**

Notes:

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23651	Contract Sample No	C1583/155
Report Date	22/10/2025	ETS Contract No	C1583/155

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Project:
Dove Valley Park

Date Sampled	16/10/2025
Sample Location	See Below
Client Reference	C1583/155
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Sandy Clay W/F-M Gravel
Date Received	16/10/2025
Date Tested	16/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/155	R11 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	R12 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	R13 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	R14 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	R15 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	R16 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	S15 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	S16 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	V17 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	Y12 Sub Formation Re-Test	120	128	130	118	124	**124**
C1583/155	T16 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/155	T17 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Template Version: 1.0

** END OF REPORT **

Laboratory Report	ETS/23708	Contract Sample No	C1583/166
Report Date	22/10/2025	ETS Contract No	C1583/166

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Project:
Dove Valley Park

Date Sampled	17/10/2025
Sample Location	See Below
Client Reference	C1583/166
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	17/10/2025
Date Tested	17/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/166	A10 Layer 9	130	85	150	115	120	**120**
C1583/166	B9 Layer 9	100	120	125	150	124	**124**
C1583/166	B10 Layer 9	90	150	105	120	116	**116**
C1583/166	C9 Layer 9	90	135	130	120	119	**119**
C1583/166	C10 Layer 9	140	125	150	150	141	**141**
C1583/166	D10 Layer 8	150	150	150	100	138	**138**
C1583/166	R12 Layer 1	136	105	95	150	122	**122**
C1583/166	R14 Layer 1	150	150	140	100	135	**135**
C1583/166	R16 Layer 1	115	125	95	130	116	**116**
C1583/166	S16 Layer 1	150	150	150	150	150	**150**
C1583/166	U17 Layer 1	120	85	105	135	111	**111**
C1583/166	T16 Layer 1	120	150	135	150	139	**139**
C1583/166	V17 Layer 1	150	90	145	75	115	**115**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/23709	Contract Sample No	C1583/167
Report Date	22/10/2025	ETS Contract No	C1583/167

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Project:
Dove Valley Park

Date Sampled	17/10/2025
Sample Location	See Below
Client Reference	C1583/167
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	17/10/2025
Date Tested	17/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/167	X8 Layer 9	114	120	122	118	119	**119**
C1583/167	Y9 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/167	Y10 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/167	Y8 Layer 10	106	108	102	114	108	**108**
C1583/167	Y9 Layer 10	100	118	110	110	110	**110**
C1583/167	Y10 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/167	Y9 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/167	Y10 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/167	Y9 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/167	Y10 Layer 8	114	112	112	126	116	**116**
C1583/167	X4 Layer 1	128	130	120	124	126	**126**
C1583/167	X5 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/167	X6 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/167	X7 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/167	X8 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/167	X4 Layer 3	114	112	110	108	111	**111**
C1583/167	X5 Layer 3	120	126	124	118	122	**122**
C1583/167	X6 Layer 3	116	120	118	120	119	**119**
C1583/167	X7 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/167	X8 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/167	X4 Layer 4	126	120	124	128	125	**125**
C1583/167	X5 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/167	X6 Layer 4	110	112	110	116	112	**112**
C1583/167	X7 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/167	X8 Layer 4	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23852	Contract Sample No	C1583/175
Report Date	23/10/2025	ETS Contract No	C1583/175

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Project:
Dove Valley Park

Date Sampled	21/10/2025
Sample Location	See Below
Client Reference	C1583/175
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	21/10/2025
Date Tested	21/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/175	A10 Layer 10	122	124	130	120	124	**124**
C1583/175	C10 Layer 10	120	126	120	122	122	**122**
C1583/175	G10 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/175	J10 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/175	M10 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/175	A10 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/175	C10 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/175	A10 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/175	C10 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/175	A10 Layer 13	108	114	116	120	115	**115**
C1583/175	C10 Layer 13	104	100	112	110	107	**107**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23853	Contract Sample No	C1583/176
Report Date	23/10/2025	ETS Contract No	C1583/176

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Project:
Dove Valley Park

Date Sampled	21/10/2025
Sample Location	See Below
Client Reference	C1583/176
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	21/10/2025
Date Tested	21/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/176	Z4 Layer 6 Re-Test	120	126	122	124	123	**123**
C1583/176	Z5 Layer 6 Re-Test	118	128	130	120	124	**124**
C1583/176	Z6 Layer 7 Re-Test	110	116	120	102	112	**112**
C1583/176	Z7 Layer 10 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/176	Z8 Layer 13 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/176	Z9 Layer 14 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/176	Z10 Layer 16 Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23859	Contract Sample No	C1583/182
Report Date	23/10/2025	ETS Contract No	C1583/182

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Project:
Dove Valley Park

Date Sampled	22/10/2025
Sample Location	See Below
Client Reference	C1583/182
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	22/10/2025
Date Tested	22/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/182	A10 Layer 15	126	122	120	120	122	**122**
C1583/183	C10 Layer 15	114	112	108	118	113	**113**
C1583/184	A10 Layer 17	120	128	120	122	123	**123**
C1583/185	C10 Layer 17	110	104	112	120	112	**112**
C1583/186	L10 Layer 13	112	120	114	100	112	**112**
C1583/187	Q11 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/188	R12 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/189	R14 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/190	T16 Layer 2	108	96	100	102	102	**102**
C1583/191	V17 Layer 2	124	128	130	120	126	**126**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23862	Contract Sample No	C1583/185
Report Date	23/10/2025	ETS Contract No	C1583/185

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Project:
Dove Valley Park

Date Sampled	22/10/2025
Sample Location	See Below
Client Reference	C1583/185
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	22/10/2025
Date Tested	22/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/185	Y4 Layer 4	114	120	128	124	122	**122**
C1583/185	Y5 Layer 4	122	118	116	124	120	**120**
C1583/185	Y6 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/185	Y7 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/185	Y8 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/185	Y9 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/185	Y10 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/185	X7 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/185	X8 Layer 5	110	114	108	120	113	**113**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23863	Contract Sample No	C1583/189
Report Date	23/10/2025	ETS Contract No	C1583/189

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Project:
Dove Valley Park

Date Sampled	22/10/2025
Sample Location	See Below
Client Reference	C1583/189
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	22/10/2025
Date Tested	22/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/189	Z4 Layer 8	116	120	124	128	122	**122**
C1583/189	Z5 Layer 8	102	112	118	120	113	**113**
C1583/189	Z6 Layer 9	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/189	Z7 Layer 12	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/189	Z8 Layer 15	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/189	Z9 Layer 16	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/189	Z10 Layer 18	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/189	Z11 Layer 15	128	120	130	130	127	**127**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23934	Contract Sample No	C1583/192
Report Date	03/11/2025	ETS Contract No	C1583/192

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Project:
Dove Valley Park

Date Sampled	24/10/2025
Sample Location	See Below
Client Reference	C1583/192
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	24/10/2025
Date Tested	24/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/192	M10 Layer 15	128	120	124	118	123	**123**
C1583/192	N10 Layer 12	120	118	120	126	121	**121**
C1583/192	R12 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/192	R14 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/192	S16 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/192	U17 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/192	W18 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/192	M10 Layer 17	>130	>130	>130	>130	>130	**>130**
C1583/192	N10 Layer 14	110	118	102	104	109	**109**
C1583/192	R12 Layer 6	100	106	110	114	108	**108**
C1583/192	R14 Layer 5	120	126	120	124	123	**123**
C1583/192	S16 Layer 6	98	90	102	110	100	**100**
C1583/192	U17 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/192	W18 Layer 5	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23935	Contract Sample No	C1583/193
Report Date	03/11/2025	ETS Contract No	C1583/193

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Project:
Dove Valley Park

Date Sampled	24/10/2025
Sample Location	See Below
Client Reference	C1583/193
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel +2% OPC (Class 7)
Date Received	24/10/2025
Date Tested	24/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/193	X6 Layer 4 Re-Test	118	120	126	120	121	**121**
C1583/193	X7 Layer 5 Re-Test	120	116	118	124	120	**120**
C1583/193	X8 Layer 5 Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23964	Contract Sample No	C1583/198
Report Date	03/11/2025	ETS Contract No	C1583/198

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Project:
Dove Valley Park

Date Sampled	27/10/2025
Sample Location	See Below
Client Reference	C1583/198
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	27/10/2025
Date Tested	27/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/198	R12 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/198	R15 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/198	T16 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/198	V17 Layer 7	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

** END OF REPORT **

Laboratory Report	ETS/23965	Contract Sample No	C1583/199
Report Date	03/11/2025	ETS Contract No	C1583/199

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Project:
Dove Valley Park

Date Sampled	27/10/2025
Sample Location	See Below
Client Reference	C1583/199
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel +2% OPC (Class 7)
Date Received	27/10/2025
Date Tested	27/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/199	Y4 Layer 5	126	118	120	124	122	**122**
C1583/199	Y5 Layer 5	114	118	120	122	119	**119**
C1583/199	Y6 Layer 6	108	116	120	112	114	**114**
C1583/199	Y7 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/199	Y8 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/199	Y9 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/199	X7 Layer 6	126	120	124	112	121	**121**
C1583/199	X8 Layer 6	126	122	118	118	121	**121**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23969	Contract Sample No	C1583/203
Report Date	03/11/2025	ETS Contract No	C1583/203

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Project:
Dove Valley Park

Date Sampled	27/10/2025
Sample Location	See Below
Client Reference	C1583/203
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	27/10/2025
Date Tested	27/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/203	Y4 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/203	Y5 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/203	Y6 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/203	Y7 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/203	Y8 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/203	Y9 Layer 15	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23991	Contract Sample No	C1583/205
Report Date	03/11/2025	ETS Contract No	C1583/205

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Project:
Dove Valley Park

Date Sampled	28/10/2025
Sample Location	See Below
Client Reference	C1583/205
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	28/10/2025
Date Tested	28/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/205	R12 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/205	R15 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/205	T16 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/205	V17 Layer 8	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23992	Contract Sample No	C1583/206
Report Date	03/11/2025	ETS Contract No	C1583/206

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Project:
Dove Valley Park

Date Sampled	28/10/2025
Sample Location	See Below
Client Reference	C1583/206
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Bown Slightly Sandy Clay W/F-M Gravel +2% Lime
Date Received	28/10/2025
Date Tested	28/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/206	W3 Sub Formation Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/206	W4 Sub Formation Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/206	W5 Sub Formation Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/206	W6 Sub Formation Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/206	W7 Sub Formation Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/206	W8 Sub Formation Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/206	W9 Sub Formation Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23995	Contract Sample No	C1583/209
Report Date	03/11/2025	ETS Contract No	C1583/209

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Project:
Dove Valley Park

Date Sampled	28/10/2025
Sample Location	See Below
Client Reference	C1583/209
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	28/10/2025
Date Tested	28/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/209	Y9 Layer 16	>130	>130	>130	>130	>130	**>130**
C1583/209	X6 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/209	X7 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/209	X8 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/209	W4 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/209	W5 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/209	W6 Layer 1	122	128	120	114	121	**121**
C1583/209	W7 Layer 1	126	130	118	120	124	**124**
C1583/209	W8 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/209	X8 Layer 8	128	124	120	122	124	**124**
C1583/209	X8 Layer 9	110	118	122	114	116	**116**
C1583/209	X8 Layer 10	128	130	116	112	122	**122**
C1583/209	W4 Layer 2	120	118	120	124	121	**121**
C1583/209	W5 Layer 2	118	120	128	130	124	**124**
C1583/209	W6 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/209	W7 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/209	W8 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/209	W6 Layer 3	116	120	124	122	121	**121**
C1583/209	W7 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/209	W8 Layer 3	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24032	Contract Sample No	C1583/220
Report Date	04/11/2025	ETS Contract No	C1583/220

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Project:
Dove Valley Park

Date Sampled	29/10/2025
Sample Location	See Below
Client Reference	C1583/220
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	29/10/2025
Date Tested	29/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/220	V3 Sub Formation	118	120	124	116	120	**120**
C1583/220	V4 Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/220	V5 Sub Formation	120	128	120	122	123	**123**
C1583/220	V6 Sub Formation	106	112	128	120	117	**117**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24033	Contract Sample No	C1583/221
Report Date	04/11/2025	ETS Contract No	C1583/221

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Project:
Dove Valley Park

Date Sampled	29/10/2025
Sample Location	See Below
Client Reference	C1583/221
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Bown Slightly Sandy Clay W/F-M Gravel +2% Lime
Date Received	29/10/2025
Date Tested	29/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/221	V6 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/221	U6 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/221	T6 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/221	S6 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/221	R6 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24036	Contract Sample No	C1583/224
Report Date	04/11/2025	ETS Contract No	C1583/224

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Project:
Dove Valley Park

Date Sampled	29/10/2025
Sample Location	See Below
Client Reference	C1583/224
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	29/10/2025
Date Tested	29/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/222	V6 Layer 1	120	124	128	118	123	**123**
C1583/222	V6 Layer 1	126	104	116	120	117	**117**
C1583/222	U6 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/222	T6 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/222	S6 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/222	R6 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/222	V6 Layer 2	128	124	122	112	122	**122**
C1583/222	U6 Layer 2	108	110	114	108	110	**110**
C1583/222	T6 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/222	S6 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/222	W7 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/222	R6 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/222	W7 Layer 5	124	128	118	110	120	**120**
C1583/222	V6 Layer 3	100	104	106	120	108	**108**
C1583/222	U6 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/222	T6 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/222	S6 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/222	R6 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/222	W8 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/222	W9 Layer 1	114	118	128	130	123	**123**
C1583/222	V6 Layer 4	126	110	110	112	115	**115**
C1583/222	U6 Layer 4	128	124	118	120	123	**123**
C1583/222	T6 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/222	S6 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/222	R6 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/222	W8 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/222	W9 Layer 2	130	120	128	122	125	**125**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24112	Contract Sample No	C1583/229
Report Date	04/11/2025	ETS Contract No	C1583/229

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Project:
Dove Valley Park

Date Sampled	30/10/2025
Sample Location	See Below
Client Reference	C1583/229
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	30/10/2025
Date Tested	30/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/229	V6 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/229	U6 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/229	T6 Layer 5	120	122	118	118	120	**120**
C1583/229	S6 Layer 5	128	130	124	124	127	**127**
C1583/229	R6 Layer 5	114	110	108	112	111	**111**
C1583/229	V6 Layer 6	108	114	112	120	114	**114**
C1583/229	U6 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/229	T6 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/229	S6 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/229	R6 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/229	V6 Layer 7	106	114	120	128	117	**117**
C1583/229	U6 Layer 7	124	122	126	120	123	**123**
C1583/229	T6 Layer 7	128	130	122	124	126	**126**
C1583/229	V6 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/229	X10 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/229	Y10 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/229	X10 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/229	W10 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/229	V7 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/229	U7 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/229	Y10 Layer 11	128	130	112	118	122	**122**
C1583/229	X10 Layer 3	124	120	126	120	123	**123**
C1583/229	W10 Layer 2	104	114	120	116	114	**114**
C1583/229	W9 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/229	V7 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/229	U7 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/229	T7 Layer 1	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24113	Contract Sample No	C1583/230
Report Date	04/11/2025	ETS Contract No	C1583/230

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Project:
Dove Valley Park

Date Sampled	30/10/2025
Sample Location	See Below
Client Reference	C1583/230
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	30/10/2025
Date Tested	30/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/230	V7 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/230	U7 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/230	T7 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/230	S7 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/230	R7 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/230	Q7 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24189	Contract Sample No	C1583/238
Report Date	04/11/2025	ETS Contract No	C1583/238

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Project:
Dove Valley Park

Date Sampled	31/10/2025
Sample Location	See Below
Client Reference	C1583/238
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	31/10/2025
Date Tested	31/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/238	N3 Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/238	N4 Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/238	N5 Sub Formation	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24190	Contract Sample No	C1583/239
Report Date	04/11/2025	ETS Contract No	C1583/239

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Project:
Dove Valley Park

Date Sampled	31/10/2025
Sample Location	See Below
Client Reference	C1583/239
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	31/10/2025
Date Tested	31/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/239	N3 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/239	N4 Layer 1	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/24191	Contract Sample No	C1583/240
Report Date	04/11/2025	ETS Contract No	C1583/240

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Project:
Dove Valley Park

Date Sampled	31/10/2025
Sample Location	See Below
Client Reference	C1583/240
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	31/10/2025
Date Tested	31/10/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/240	V7 Layer 3	120	128	120	114	121	**121**
C1583/240	U7 Layer 3	108	114	116	120	115	**115**
C1583/240	T7 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/240	V7 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/240	U7 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/240	T7 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/240	V7 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/240	U7 Layer 5	126	120	118	128	123	**123**
C1583/240	T7 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/240	S7 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/240	Y10 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/240	X10 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/240	W10 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/240	W9 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/240	Y10 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/240	X10 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/240	W10 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/240	W9 Layer 4	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24230	Contract Sample No	C1583/244
Report Date	06/11/2025	ETS Contract No	C1583/244

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Project:
Dove Valley Park

Date Sampled	03/11/2025
Sample Location	See Below
Client Reference	C1583/244
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	03/11/2025
Date Tested	03/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/244	X15 Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/244	Y15 Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/244	Y14 Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/244	Y13 Sub Formation	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24231	Contract Sample No	C1583/245
Report Date	06/11/2025	ETS Contract No	C1583/245

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Project:
Dove Valley Park

Date Sampled	03/11/2025
Sample Location	See Below
Client Reference	C1583/245
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	03/11/2025
Date Tested	03/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/245	AA6 Layer 13 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/245	AA7 Layer 15 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/245	AA8 Layer 17 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/245	AA9 Layer 18 Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24232	Contract Sample No	C1583/246
Report Date	06/11/2025	ETS Contract No	C1583/246

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Project:
Dove Valley Park

Date Sampled	03/11/2025
Sample Location	See Below
Client Reference	C1583/246
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Bown Slightly Sandy Clay W/F-M Gravel +2% Lime
Date Received	03/11/2025
Date Tested	03/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/246	Z12 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/246	Z13 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/246	Z14 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24233	Contract Sample No	C1583/247
Report Date	06/11/2025	ETS Contract No	C1583/247

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Project:
Dove Valley Park

Date Sampled	03/11/2025
Sample Location	See Below
Client Reference	C1583/247
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Bown Slightly Sandy Clay W/F-M Gravel +2% Lime (Class 4)
Date Received	03/11/2025
Date Tested	03/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/247	W8 Layer 6	120	128	130	130	127	**127**
C1583/247	W9 Layer 5	118	122	126	124	123	**123**
C1583/247	Y10 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/247	X10 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/247	Y10 Layer 13	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24236	Contract Sample No	C1583/250
Report Date	06/11/2025	ETS Contract No	C1583/250

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Project:
Dove Valley Park

Date Sampled	03/11/2025
Sample Location	See Below
Client Reference	C1583/250
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Bown Slightly Sandy Clay W/F-M Gravel (Class 4)
Date Received	03/11/2025
Date Tested	03/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/250	S16 Layer 9	110	114	108	106	110	**110**
C1583/250	U17 Layer 9	120	124	116	120	120	**120**
C1583/250	W18 Layer 11	112	104	120	126	116	**116**
C1583/250	X16 Layer 1	128	126	114	118	122	**122**
C1583/250	Y15 Layer 1	128	130	120	122	125	**125**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24316	Contract Sample No	C1583/254
Report Date	06/11/2025	ETS Contract No	C1583/254

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Project:
Dove Valley Park

Date Sampled	04/11/2025
Sample Location	See Below
Client Reference	C1583/254
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Bown Slightly Sandy Clay W/F-M Gravel (Class 4)
Date Received	04/11/2025
Date Tested	04/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/254	Y14 Layer 1	120	122	118	114	119	**119**
C1583/254	X16 Layer 2	110	108	120	126	116	**116**
C1583/254	Y14 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/254	Z13 Layer 2	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24319	Contract Sample No	C1583/257
Report Date	06/11/2025	ETS Contract No	C1583/257

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Project:
Dove Valley Park

Date Sampled	04/11/2025
Sample Location	See Below
Client Reference	C1583/257
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	04/11/2025
Date Tested	04/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/257	W8 Layer 7	128	120	118	114	120	**120**
C1583/257	W9 Layer 6	124	120	130	122	124	**124**
C1583/257	W10 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/257	W10 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/257	X10 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/257	Y10 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/257	X10 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/257	W10 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/257	W9 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/257	W8 Layer 8	116	120	114	112	116	**116**
C1583/257	X10 Layer 9	120	106	116	118	115	**115**
C1583/257	W9 Layer 8	124	128	130	130	128	**128**
C1583/257	X10 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/257	X10 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/257	W10 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/257	W9 Layer 9	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24323	Contract Sample No	C1583/261
Report Date	06/11/2025	ETS Contract No	C1583/261

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Project:
Dove Valley Park

Date Sampled	04/11/2025
Sample Location	See Below
Client Reference	C1583/261
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Bown Slightly Sandy Clay W/F-M Gravel +2% Lime
Date Received	04/11/2025
Date Tested	04/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/261	X12 Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/261	X13 Sub Formation	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24325	Contract Sample No	C1583/263
Report Date	06/11/2025	ETS Contract No	C1583/263

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Project:
Dove Valley Park

Date Sampled	04/11/2025
Sample Location	See Below
Client Reference	C1583/263
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	04/11/2025
Date Tested	04/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/263	P11 Layer 7	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/263	R12 Layer 8	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24360	Contract Sample No	C1583/265
Report Date	08/11/2025	ETS Contract No	C1583/265

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Project:
Dove Valley Park

Date Sampled	06/11/2025
Sample Location	See Below
Client Reference	C1583/265
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% OPC (Class 7)
Date Received	06/11/2025
Date Tested	06/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/265	Y11 Layer 1	118	114	110	112	114	**114**
C1583/265	X11 Layer 1	120	126	118	120	121	**121**
C1583/265	X12 Layer 1	110	114	120	124	117	**117**
C1583/265	X13 Layer 1	128	110	112	110	115	**115**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24362	Contract Sample No	C1583/267
Report Date	08/11/2025	ETS Contract No	C1583/267

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Project:
Dove Valley Park

Date Sampled	06/11/2025
Sample Location	See Below
Client Reference	C1583/267
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil + 2% Lime (Class 4)
Date Received	06/11/2025
Date Tested	06/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/267	X16 Layer 3	110	112	114	116	113	**113**
C1583/267	Y15 Layer 3	100	108	112	96	104	**104**
C1583/267	Z13 Layer 3	120	110	108	104	111	**111**
C1583/267	X14 Layer 2	124	128	114	110	119	**119**
C1583/267	Y13 Layer 1	90	98	110	106	101	**101**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24363	Contract Sample No	C1583/268
Report Date	08/11/2025	ETS Contract No	C1583/268

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Project:
Dove Valley Park

Date Sampled	06/11/2025
Sample Location	See Below
Client Reference	C1583/268
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	06/11/2025
Date Tested	06/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/268	U17 Layer 10	128	130	116	118	123	**123**
C1583/268	W18 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/268	S16 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/268	T16 Layer 11	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24364	Contract Sample No	C1583/269
Report Date	08/11/2025	ETS Contract No	C1583/269

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Project:
Dove Valley Park

Date Sampled	06/11/2025
Sample Location	See Below
Client Reference	C1583/269
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	06/11/2025
Date Tested	06/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/269	Y11 Layer 2	120	124	122	126	123	**123**
C1583/269	Y11 Layer 3	118	112	114	120	116	**116**
C1583/269	Y11 Layer 4	124	120	122	122	122	**122**
C1583/269	X11 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/269	Y11 Layer 5	118	116	114	114	116	**116**
C1583/269	X11 Layer 3	108	120	116	112	114	**114**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24498	Contract Sample No	C1583/272
Report Date	08/11/2025	ETS Contract No	C1583/272

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Project:
Dove Valley Park

Date Sampled	07/11/2025
Sample Location	See Below
Client Reference	C1583/272
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Slightly Sandy Clay W/F-M Gravel (Class 4)
Date Received	07/11/2025
Date Tested	07/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/272	X16 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/272	X14 Layer 3	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24499	Contract Sample No	C1583/273
Report Date	08/11/2025	ETS Contract No	C1583/273

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Project:
Dove Valley Park

Date Sampled	07/11/2025
Sample Location	See Below
Client Reference	C1583/273
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	07/11/2025
Date Tested	07/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/273	S16 Layer 11	120	124	116	112	118	**118**
C1583/273	T16 Layer 12	118	120	124	120	121	**121**
C1583/273	U17 Layer 11	118	120	112	114	116	**116**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24518	Contract Sample No	C1583/276
Report Date	17/11/2025	ETS Contract No	C1583/276

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Project:
Dove Valley Park

Date Sampled	13/11/2025
Sample Location	See Below
Client Reference	C1583/276
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	13/11/2025
Date Tested	13/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/276	U17 Layer 12	120	116	118	120	119	**119**
C1583/276	V17 Layer 12	124	110	112	118	116	**116**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24525	Contract Sample No	C1583/275
Report Date	17/11/2025	ETS Contract No	C1583/275

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Project:
Dove Valley Park

Date Sampled	11/11/2025
Sample Location	See Below
Client Reference	C1583/275
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Slightly Sandy Clay W/F-M Gravel (Class 4)
Date Received	11/11/2025
Date Tested	11/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/275	X13 Layer 2	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24665	Contract Sample No	C1583/279
Report Date	01/12/2025	ETS Contract No	C1583/279

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Project:
Dove Valley Park

Date Sampled	19/11/2025
Sample Location	See Below
Client Reference	C1583/279
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	19/11/2025
Date Tested	19/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/279	Y12 Layer 2	120	116	118	120	119	**119**
C1583/279	Z12 Layer 3	100	106	110	112	107	**107**
C1583/279	Y12 Layer 4	124	128	120	112	121	**121**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/24666	Contract Sample No	C1583/280
Report Date	01/12/2025	ETS Contract No	C1583/280

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Project:
Dove Valley Park

Date Sampled	19/11/2025
Sample Location	See Below
Client Reference	C1583/280
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Slightly Sandy Clay W/F-M Gravel
Date Received	19/11/2025
Date Tested	19/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/280	U13 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

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** END OF REPORT **

Laboratory Report	ETS/24667	Contract Sample No	C1583/281
Report Date	01/12/2025	ETS Contract No	C1583/281

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Project:
Dove Valley Park

Date Sampled	20/11/2025
Sample Location	See Below
Client Reference	C1583/281
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	20/11/2025
Date Tested	20/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/281	W14 Layer 1	118	120	128	124	123	**123**
C1583/281	X13 Layer 1	120	116	112	130	120	**120**
C1583/281	X12 Layer 1	124	130	110	114	120	**120**
C1583/281	X11 Layer 4	128	120	112	110	118	**118**
C1583/281	Y11 Layer 6	120	110	114	114	115	**115**
C1583/281	V14 Layer 1	124	128	130	118	125	**125**
C1583/281	V13 Layer 1	120	128	130	124	126	**126**
C1583/281	V16 Layer 1	112	118	120	124	119	**119**
C1583/281	W16 Layer 1	128	130	116	120	124	**124**
C1583/281	W17 Layer 1	124	112	118	120	119	**119**
C1583/281	X16 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/281	W15 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/281	V16 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/281	W16 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/281	W17 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/281	X16 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/281	W15 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/281	V16 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/281	W16 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/281	W17 Layer 3	128	130	120	124	126	**126**
C1583/281	X16 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/281	W15 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/281	W17 Layer 5	118	124	116	120	120	**120**
C1583/281	W17 Layer 6	128	120	114	112	119	**119**
C1583/281	W17 Layer 7	120	110	108	120	115	**115**
C1583/281	W17 Layer 8	112	110	116	128	117	**117**
C1583/281	W15 Layer 5	124	128	120	112	121	**121**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24668	Contract Sample No	C1583/282
Report Date	01/12/2025	ETS Contract No	C1583/282

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Project:
Dove Valley Park

Date Sampled	20/11/2025
Sample Location	See Below
Client Reference	C1583/282
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7) + 2% Lime
Date Received	20/11/2025
Date Tested	20/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/282	V16 Layer 4	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	W16 Layer 4	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	W17 Layer 4	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	X16 Layer 4	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	W15 Layer 4	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	W14 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	X13 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	X12 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	X11 Layer 5	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	Y11 Layer 7	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	V14 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/282	V13 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24676	Contract Sample No	C1583/290
Report Date	01/12/2025	ETS Contract No	C1583/290

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Project:
Dove Valley Park

Date Sampled	20/11/2025
Sample Location	See Below
Client Reference	C1583/290
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Slightly Sandy Clay W/F-M Gravel
Date Received	20/11/2025
Date Tested	20/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/290	U15 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

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** END OF REPORT **

Laboratory Report	ETS/24677	Contract Sample No	C1583/291
Report Date	01/12/2025	ETS Contract No	C1583/291

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Project:
Dove Valley Park

Date Sampled	20/11/2025
Sample Location	See Below
Client Reference	C1583/291
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	20/11/2025
Date Tested	20/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/291	F10 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/291	G10 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/291	F10 Layer 11	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Template Version: 1.0

** END OF REPORT **

Laboratory Report	ETS/24685	Contract Sample No	C1583/277
Report Date	21/11/2025	ETS Contract No	C1583/277

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Project:
Dove Valley Park

Date Sampled	18/11/2025
Sample Location	See Below
Client Reference	C1583/277
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	18/11/2025
Date Tested	18/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/277	R12 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/277	S16 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/277	T16 Layer 13	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24686	Contract Sample No	C1583/278
Report Date	21/11/2025	ETS Contract No	C1583/278

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Project:
Dove Valley Park

Date Sampled	18/11/2025
Sample Location	See Below
Client Reference	C1583/278
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Slightly Sandy Clay W/F-M Gravel (Class 4)
Date Received	18/11/2025
Date Tested	18/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/278	Y15 Layer 4	108	120	126	112	117	**117**
C1583/278	Y13 Layer 4	114	106	110	118	112	**112**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/24786	Contract Sample No	C1583/292
Report Date	01/12/2025	ETS Contract No	C1583/292

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Project:
Dove Valley Park

Date Sampled	21/11/2025
Sample Location	See Below
Client Reference	C1583/292
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7) + 2% Lime
Date Received	21/11/2025
Date Tested	21/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/292	V16 Layer 5	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	W16 Layer 5	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	W17 Layer 9	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	X16 Layer 5	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	W15 Layer 6	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	W14 Layer 3	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	X13 Layer 3	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	X12 Layer 3	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	X11 Layer 6	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	Y11 Layer 8	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	V14 Layer 3	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/292	V13 Layer 3	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24789	Contract Sample No	C1583/295
Report Date	01/12/2025	ETS Contract No	C1583/295

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Project:
Dove Valley Park

Date Sampled	21/11/2025
Sample Location	See Below
Client Reference	C1583/295
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	21/11/2025
Date Tested	21/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/295	W14 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/295	X13 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/295	X12 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/295	X11 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/295	Y11 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/295	V14 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/295	V13 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/295	V16 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/295	W16 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/295	W17 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/295	X16 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/295	W15 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/295	V16 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/295	W16 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/295	W17 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/295	X16 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/295	W15 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/295	V16 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/295	W16 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/295	W17 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/295	X16 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/295	W15 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/295	W17 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/295	W15 Layer 10	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24792	Contract Sample No	C1583/298
Report Date	01/12/2025	ETS Contract No	C1583/298

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Project:
Dove Valley Park

Date Sampled	21/11/2025
Sample Location	See Below
Client Reference	C1583/298
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	21/11/2025
Date Tested	21/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/298	G10 Layer 15	>130	>130	>130	>130	>130	**>130**
C1583/298	F10 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/298	G10 Layer 16	>130	>130	>130	>130	>130	**>130**
C1583/298	F10 Layer 13	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24793	Contract Sample No	C1583/299
Report Date	01/12/2025	ETS Contract No	C1583/299

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Project:
Dove Valley Park

Date Sampled	24/11/2025
Sample Location	See Below
Client Reference	C1583/299
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	24/11/2025
Date Tested	24/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/299	G10 Layer 17	>130	>130	>130	>130	>130	**>130**
C1583/299	F10 Layer 14	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24810	Contract Sample No	C1583/300
Report Date	01/12/2025	ETS Contract No	C1583/300

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Project:
Dove Valley Park

Date Sampled	25/11/2025
Sample Location	See Below
Client Reference	C1583/300
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	25/11/2025
Date Tested	25/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/300	W15 Layer 11	120	128	120	118	122	**122**
C1583/300	W16 Layer 9	128	130	130	122	128	**128**
C1583/300	W16 Layer 10	118	116	126	120	120	**120**
C1583/300	W15 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/300	W16 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/300	W17 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/300	X16 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/300	V15 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/300	V15 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/300	U16 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/300	V15 Layer 3	128	130	118	120	124	**124**
C1583/300	U16 Layer 2	120	118	122	124	121	**121**
C1583/300	V15 Layer 4	118	120	124	114	119	**119**
C1583/300	U16 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/300	V15 Layer 5	112	118	120	116	117	**117**
C1583/300	U16 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/300	U14 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/300	U15 Layer 1	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24813	Contract Sample No	C1583/303
Report Date	01/12/2025	ETS Contract No	C1583/303

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Project:
Dove Valley Park

Date Sampled	25/11/2025
Sample Location	See Below
Client Reference	C1583/303
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7) + 2% OPC
Date Received	25/11/2025
Date Tested	25/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/303	Y11 Layer 10	124	122	118	120	121	**121**
C1583/303	X11 Layer 8	126	120	114	118	120	**120**
C1583/303	X12 Layer 5	128	130	120	112	123	**123**
C1583/303	W11 Layer 1	108	118	120	116	116	**116**
C1583/303	W12 Layer 1	124	128	118	120	123	**123**
C1583/303	W11 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/303	W11 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/303	W11 Layer 4	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24817	Contract Sample No	C1583/307
Report Date	02/12/2025	ETS Contract No	C1583/307

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Project:
Dove Valley Park

Date Sampled	26/11/2025
Sample Location	See Below
Client Reference	C1583/307
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	26/11/2025
Date Tested	26/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/307	W14 Layer 5	118	120	110	116	116	**116**
C1583/307	W13 Layer 2	120	128	120	120	122	**122**
C1583/307	W12 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/307	X13 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/307	V15 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/307	V14 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/307	V15 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/307	U16 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/307	U15 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/307	U14 Layer 2	106	120	128	120	119	**119**
C1583/307	U16 Layer 6	114	118	120	116	117	**117**
C1583/307	U14 Layer 3	124	128	130	120	126	**126**
C1583/307	U15 Layer 3	118	116	120	128	121	**121**
C1583/307	U13 Layer 1	108	112	100	116	109	**109**
C1583/307	U16 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/307	V15 Layer 8	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24820	Contract Sample No	C1583/310
Report Date	02/12/2025	ETS Contract No	C1583/310

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Project:
Dove Valley Park

Date Sampled	26/11/2025
Sample Location	See Below
Client Reference	C1583/310
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7) + 2% OPC
Date Received	26/11/2025
Date Tested	26/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/310	W14 Layer 6	106	110	100	102	105	**105**
C1583/310	W13 Layer 3	114	106	100	112	108	**108**
C1583/310	W12 Layer 3	120	124	112	118	119	**119**
C1583/310	X13 Layer 6	126	100	112	116	114	**114**
C1583/310	X12 Layer 6	116	124	104	110	114	**114**
C1583/310	W13 Layer 4	120	126	120	120	122	**122**
C1583/310	W12 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/310	X13 Layer 7 FFL	>130	>130	>130	>130	>130	**>130**
C1583/310	W14 Layer 7 FFL	>130	>130	>130	>130	>130	**>130**
C1583/310	W13 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/310	W12 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/310	Y11 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/310	X11 Layer 9	118	112	110	114	114	**114**
C1583/310	X12 Layer 7	126	120	116	116	120	**120**
C1583/310	W11 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/310	V12 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/310	V11 Layer 1	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24826	Contract Sample No	C1583/316
Report Date	02/12/2025	ETS Contract No	C1583/316

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Project:
Dove Valley Park

Date Sampled	26/11/2025
Sample Location	See Below
Client Reference	C1583/316
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Slightly Sandy Clay W/F-M Gravel
Date Received	26/11/2025
Date Tested	26/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/316	N6 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/316	N7 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/316	N8 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/316	N9 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/316	P10 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/24950	Contract Sample No	C1583/317
Report Date	02/12/2025	ETS Contract No	C1583/317

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Project:
Dove Valley Park

Date Sampled	27/11/2025
Sample Location	See Below
Client Reference	C1583/317
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	27/11/2025
Date Tested	27/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/317	P7 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/317	P8 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/317	Q8 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/317	Q9 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/317	P9 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/317	U12 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/317	S14 Cut FFL	116	104	90	98	102	**102**
C1583/317	T14 Cut FFL	120	112	118	98	112	**112**
C1583/317	T15 Cut FFL	100	108	100	102	103	**103**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24952	Contract Sample No	C1583/319
Report Date	02/12/2025	ETS Contract No	C1583/319

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Project:
Dove Valley Park

Date Sampled	27/11/2025
Sample Location	See Below
Client Reference	C1583/319
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7) + 2% OPC
Date Received	27/11/2025
Date Tested	27/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/319	Y11 Layer 12	116	120	128	124	122	**122**
C1583/319	X11 Layer 10	120	108	120	118	117	**117**
C1583/319	X12 Layer 8	128	128	124	120	125	**125**
C1583/319	W11 Layer 6	116	112	114	110	113	**113**
C1583/319	V11 Layer 2	112	128	130	120	123	**123**
C1583/319	V12 Layer 2	118	120	122	120	120	**120**
C1583/319	X12 Layer 9	126	124	120	118	122	**122**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24957	Contract Sample No	C1583/324
Report Date	02/12/2025	ETS Contract No	C1583/324

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Project:
Dove Valley Park

Date Sampled	28/11/2025
Sample Location	See Below
Client Reference	C1583/324
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	28/11/2025
Date Tested	28/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/324	Q10 Cut FFL	94	82	80	86	86	**86**
C1583/324	R11 Cut FFL	80	86	78	72	79	**79**
C1583/324	S12 Cut FFL	60	64	50	56	58	**58**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/24959	Contract Sample No	C1583/326
Report Date	02/12/2025	ETS Contract No	C1583/326

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Project:
Dove Valley Park

Date Sampled	28/11/2025
Sample Location	See Below
Client Reference	C1583/326
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7) + 2% OPC
Date Received	28/11/2025
Date Tested	28/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/326	U13 Layer 1	116	122	124	120	121	**121**
C1583/326	V12 Layer 3	122	130	122	118	123	**123**
C1583/326	W11 Layer 7	116	114	112	120	116	**116**
C1583/326	X11 Layer 11	128	126	114	120	122	**122**
C1583/326	Y11 Layer 13	110	118	110	112	113	**113**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/24963	Contract Sample No	C1583/330
Report Date	02/12/2025	ETS Contract No	C1583/330

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Project:
Dove Valley Park

Date Sampled	28/11/2025
Sample Location	See Below
Client Reference	C1583/330
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime
Date Received	28/11/2025
Date Tested	28/11/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/330	T13 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/330	T12 Cut FFL	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25255	Contract Sample No	C1583/334
Report Date	18/12/2025	ETS Contract No	C1583/334

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Project:
Dove Valley Park

Date Sampled	10/12/2025
Sample Location	See Below
Client Reference	C1583/334
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Slightly Sandy Clay W/F-M Gravel
Date Received	10/12/2025
Date Tested	10/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/334	M6 Borrow Pit Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/334	L6 Borrow Pit Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/334	L7 Borrow Pit Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/334	L8 Borrow Pit Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/334	K6 Borrow Pit Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/334	K7 Borrow Pit Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/334	K8 Borrow Pit Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/334	J7 Borrow Pit Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25256	Contract Sample No	C1583/335
Report Date	18/12/2025	ETS Contract No	C1583/335

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Project:
Dove Valley Park

Date Sampled	10/12/2025
Sample Location	See Below
Client Reference	C1583/335
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	10/12/2025
Date Tested	10/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/335	K6 Layer 1	120	124	118	120	121	**121**
C1583/335	L6 Layer 1	128	112	118	108	117	**117**
C1583/335	K6 Layer 2	124	120	128	112	121	**121**
C1583/335	L6 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/335	K6 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/335	L6 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/335	K6 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/335	L6 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/335	K6 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/335	L6 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/335	K6 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/335	L6 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/335	K6 Layer 7	108	116	120	124	117	**117**
C1583/335	L6 Layer 7	110	112	128	130	120	**120**
C1583/335	K6 Layer 8	126	120	118	118	121	**121**
C1583/335	L6 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/335	L7 Layer 1	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25261	Contract Sample No	C1583/340
Report Date	18/12/2025	ETS Contract No	C1583/340

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Project:
Dove Valley Park

Date Sampled	11/12/2025
Sample Location	See Below
Client Reference	C1583/340
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	11/12/2025
Date Tested	11/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/340	Z4 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	Z5 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	Z6 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	AA4 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	AA5 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	AA6 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	Y4 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	Y5 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	Y6 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	X4 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	X5 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	X6 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	W4 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	W5 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	W6 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	V7 Layer 5	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	U7 Layer 5	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	T7 Layer 5	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	S7 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	R7 Layer 1	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	V7 Layer 6	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	U7 Layer 6	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	T7 Layer 6	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	S7 Layer 3	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	K8 Layer 1	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	L8 Layer 1	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	K8 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	L8 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	K8 Layer 3	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/340	L8 Layer 3	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25267	Contract Sample No	C1583/346
Report Date	18/12/2025	ETS Contract No	C1583/346

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Project:
Dove Valley Park

Date Sampled	11/12/2025
Sample Location	See Below
Client Reference	C1583/346
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime
Date Received	11/12/2025
Date Tested	11/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/346	AA3 Cut FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/346	Z3 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/346	Y3 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/346	X3 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/346	W3 FFL Re-Test	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/346	V8 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/346	V9 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Template Version: 1.0

** END OF REPORT **

Laboratory Report	ETS/25372	Contract Sample No	C1583/347
Report Date	18/12/2025	ETS Contract No	C1583/347

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Project:
Dove Valley Park

Date Sampled	12/12/2025
Sample Location	See Below
Client Reference	C1583/347
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	12/12/2025
Date Tested	12/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/347	V8 Layer 1	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/347	V9 Layer 1	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/347	V8 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/347	V9 Layer 2	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/347	V7 Layer 7 FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/347	U7 Layer 7 FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/347	T7 Layer 7 FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/347	S7 Layer 4 FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/347	R7 Layer 2 FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25433	Contract Sample No	C1583/352
Report Date	18/12/2025	ETS Contract No	C1583/352

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Project:
Dove Valley Park

Date Sampled	16/12/2025
Sample Location	See Below
Client Reference	C1583/352
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	16/12/2025
Date Tested	16/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/352	AA5 Layer 5 Re-Test	118	120	116	124	120	**120**
C1583/352	AA5 Layer 6 Re-Test	120	128	118	126	123	**123**
C1583/352	AA5 Layer 7 Re-Test	120	124	128	120	123	**123**
C1583/352	AA5 Layer 8 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/352	AA5 Layer 9 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/352	AA5 Layer 10 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/352	Z10 Layer 10 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/352	Z10 Layer 11 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/352	Z10 Layer 12 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/352	Z10 Layer 13 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/352	Z10 Layer 14 Re-Test	120	124	118	126	122	**122**
C1583/352	Z10 Layer 15 Re-Test	128	130	120	122	125	**125**
C1583/352	Z10 Layer 16 Re-Test	110	116	120	122	117	**117**
C1583/352	Z10 Layer 17 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/352	Z10 Layer 18 FFL Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25434	Contract Sample No	C1583/353
Report Date	18/12/2025	ETS Contract No	C1583/353

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Project:
Dove Valley Park

Date Sampled	16/12/2025
Sample Location	See Below
Client Reference	C1583/353
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	16/12/2025
Date Tested	16/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/353	AB7 Retaining Wall Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/353	AB8 Retaining Wall Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/353	AB9 Retaining Wall Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/353	AB10 Retaining Wall Sub Formation	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25435	Contract Sample No	C1583/354
Report Date	18/12/2025	ETS Contract No	C1583/354

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Project:
Dove Valley Park

Date Sampled	17/12/2025
Sample Location	See Below
Client Reference	C1583/354
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	17/12/2025
Date Tested	17/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/354	AB7 Layer 1 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB8 Layer 1 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB9 Layer 1 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB10 Layer 1 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB7 Layer 2 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB8 Layer 2 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB9 Layer 2 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB10 Layer 2 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB7 Layer 3 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB8 Layer 3 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB9 Layer 3 Retaining Wall	>130	>130	>130	>130	>130	**>130**
C1583/354	AB10 Layer 3 Retaining Wall	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25480	Contract Sample No	C1583/360
Report Date	22/12/2025	ETS Contract No	C1583/360

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Project:
Dove Valley Park

Date Sampled	19/12/2025
Sample Location	See Below
Client Reference	C1583/360
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 7)
Date Received	19/12/2025
Date Tested	19/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/360	Z4 Layer 5 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z4 Layer 6 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z4 Layer 7 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z4 Layer 8 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z6 Layer 5 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z6 Layer 6 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z6 Layer 7 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z6 Layer 8 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z8 Layer 10 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z8 Layer 11 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z8 Layer 12 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z8 Layer 13 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z8 Layer 14 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/360	Z8 Layer 15 Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/25481	Contract Sample No	C1583/361
Report Date	22/12/2025	ETS Contract No	C1583/361

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Project:
Dove Valley Park

Date Sampled	19/12/2025
Sample Location	See Below
Client Reference	C1583/361
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Topsoil (Class 4)
Date Received	19/12/2025
Date Tested	19/12/2025

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/361	C10 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/361	D10 Layer 14	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25593	Contract Sample No	C1583/362
Report Date	08/01/2026	ETS Contract No	C1583/362

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Project:
Dove Valley Park

Date Sampled	06/01/2026
Sample Location	See Below
Client Reference	C1583/362
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Slightly Sandy Clay W/F-M Gravel
Date Received	06/01/2026
Date Tested	06/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/362	W9 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/362	X9 Sub Formation	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25598	Contract Sample No	C1583/367
Report Date	08/01/2026	ETS Contract No	C1583/367

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Project:
Dove Valley Park

Date Sampled	06/01/2026
Sample Location	See Below
Client Reference	C1583/367
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	06/01/2026
Date Tested	06/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/367	W9 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/367	X9 Layer 1	>130	>130	>130	>130	>130	**>130**
C1583/367	W9 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/367	X9 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/367	W9 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/367	X9 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/367	W9 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/367	X9 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/367	W9 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/367	X9 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/367	W9 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/367	X9 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/367	W9 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/367	X9 Layer 7	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25599	Contract Sample No	C1583/368
Report Date	08/01/2026	ETS Contract No	C1583/368

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Project:
Dove Valley Park

Date Sampled	06/01/2026
Sample Location	See Below
Client Reference	C1583/368
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	06/01/2026
Date Tested	06/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/368	AB7 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/368	AB8 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/368	AB9 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/368	AB10 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/368	AB7 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/368	AB8 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/368	AB9 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/368	AB10 Layer 5	>130	>130	>130	>130	>130	**>130**
C1583/368	AB7 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/368	AB8 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/368	AB9 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/368	AB10 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/368	AB7 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/368	AB8 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/368	AB9 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/368	AB10 Layer 7	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25601	Contract Sample No	C1583/370
Report Date	08/01/2026	ETS Contract No	C1583/370

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Project:
Dove Valley Park

Date Sampled	06/01/2026
Sample Location	See Below
Client Reference	C1583/370
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	06/01/2026
Date Tested	06/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/370	X7 FFL Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/370	W7 FFL Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/370	V7 Layer 7 FFL Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25620	Contract Sample No	C1583/371
Report Date	08/01/2026	ETS Contract No	C1583/371

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Project:
Dove Valley Park

Date Sampled	07/01/2026
Sample Location	See Below
Client Reference	C1583/371
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	07/01/2026
Date Tested	07/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/371	AB8 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/371	AB9 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/371	AB10 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/371	AA10 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/371	AB8 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/371	AB9 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/371	AB10 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/371	AA10 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/371	AB8 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/371	AB9 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/371	AB10 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/371	AA10 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/371	AB8 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/371	AB9 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/371	AB10 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/371	AA10 Layer 5	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Template Version: 1.0

** END OF REPORT **

Laboratory Report	ETS/25621	Contract Sample No	C1583/372
Report Date	08/01/2026	ETS Contract No	C1583/372

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Project:
Dove Valley Park

Date Sampled	07/01/2026
Sample Location	See Below
Client Reference	C1583/372
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	07/01/2026
Date Tested	07/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/372	W9 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/372	X9 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/372	W9 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/372	X9 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/372	W9 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/372	X9 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/372	V9 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/372	V8 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/372	V9 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/372	W9 Layer 11	>130	>130	>130	>130	>130	**>130**
C1583/372	X9 Layer 11	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25652	Contract Sample No	C1583/376
Report Date	09/01/2026	ETS Contract No	C1583/376

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Project:
Dove Valley Park

Date Sampled	08/01/2026
Sample Location	See Below
Client Reference	C1583/376
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	08/01/2026
Date Tested	08/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/376	AB9 Layer 12	110	120	114	106	113	**113**
C1583/376	AB10 Layer 12	100	108	112	110	108	**108**
C1583/376	AA10 Layer 6	100	102	108	120	108	**108**
C1583/376	AB9 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/376	AB10 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/376	AA10 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/376	AB9 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/376	AB10 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/376	AA10 Layer 8	118	120	116	120	119	**119**
C1583/376	AB9 Layer 15	110	116	104	110	110	**110**
C1583/376	AB10 Layer 15	100	108	96	100	101	**101**
C1583/376	AA10 Layer 9	102	114	110	112	110	**110**
C1583/376	AB9 Layer 16	108	110	116	112	112	**112**
C1583/376	AB10 Layer 16	90	114	108	102	104	**104**
C1583/376	AA10 Layer 10	112	116	110	112	113	**113**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25661	Contract Sample No	C1583/385
Report Date	09/01/2026	ETS Contract No	C1583/385

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Project:
Dove Valley Park

Date Sampled	08/01/2026
Sample Location	See Below
Client Reference	C1583/385
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	08/01/2026
Date Tested	08/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/385	W9 Layer 12	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/385	X9 Layer 12	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/385	V8 Layer 4	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/385	V9 Layer 5	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25732	Contract Sample No	C1583/386
Report Date	15/01/2026	ETS Contract No	C1583/386

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Project:
Dove Valley Park

Date Sampled	12/01/2026
Sample Location	See Below
Client Reference	C1583/386
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	12/01/2026
Date Tested	12/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/386	AB9 Layer 17	110	120	116	118	116	**116**
C1583/386	AB10 Layer 17	120	124	112	110	117	**117**
C1583/386	AA10 Layer 11	128	120	110	100	115	**115**
C1583/386	AB9 Layer 18	96	102	110	110	105	**105**
C1583/386	AB10 Layer 18	108	112	100	104	106	**106**
C1583/386	AA10 Layer 12	120	110	114	112	114	**114**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/25867	Contract Sample No	C1583/388
Report Date	19/01/2026	ETS Contract No	C1583/388

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Project:
Dove Valley Park

Date Sampled	14/01/2026
Sample Location	See Below
Client Reference	C1583/388
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	14/01/2026
Date Tested	14/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/388	Z3 RTW Sub Formation	120	124	110	112	117	**117**
C1583/388	AA3 RTW Sub Formation	108	112	106	100	107	**107**
C1583/388	AB3 RTW Sub Formation	96	104	112	116	107	**107**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/25868	Contract Sample No	C1583/389
Report Date	19/01/2026	ETS Contract No	C1583/389

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Project:
Dove Valley Park

Date Sampled	14/01/2026
Sample Location	See Below
Client Reference	C1583/389
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	14/01/2026
Date Tested	14/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/389	Z3 Layer 1	108	110	112	116	112	**112**
C1583/389	AA3 Layer 1	100	104	120	122	112	**112**
C1583/389	AB3 Layer 1	96	108	110	100	104	**104**
C1583/389	Z3 Layer 2	120	122	124	126	123	**123**
C1583/389	AA3 Layer 2	108	112	118	110	112	**112**
C1583/389	AB3 Layer 2	120	112	110	108	113	**113**
C1583/389	Z3 Layer 3	126	128	120	122	124	**124**
C1583/389	AA3 Layer 3	100	108	116	116	110	**110**
C1583/389	AB3 Layer 3	112	108	120	122	116	**116**
C1583/389	Z3 Layer 4	120	124	100	98	111	**111**
C1583/389	AA3 Layer 4	116	120	112	110	115	**115**
C1583/389	AB3 Layer 4	128	130	120	112	123	**123**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25871	Contract Sample No	C1583/392
Report Date	19/01/2026	ETS Contract No	C1583/392

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Project:
Dove Valley Park

Date Sampled	15/01/2026
Sample Location	See Below
Client Reference	C1583/392
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	15/01/2026
Date Tested	15/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/392	Z3 Layer 5	118	110	112	106	112	**112**
C1583/392	AA3 Layer 5	120	128	120	118	122	**122**
C1583/392	AB3 Layer 5	124	126	112	112	119	**119**
C1583/392	AA3 Layer 6	100	114	118	110	111	**111**
C1583/392	AB3 Layer 6	120	128	110	116	119	**119**
C1583/392	AA3 Layer 7	126	122	110	112	118	**118**
C1583/392	AB3 Layer 7	118	114	128	128	122	**122**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25874	Contract Sample No	C1583/395
Report Date	19/01/2026	ETS Contract No	C1583/395

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Project:
Dove Valley Park

Date Sampled	15/01/2026
Sample Location	See Below
Client Reference	C1583/395
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime
Date Received	15/01/2026
Date Tested	15/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/395	D8 Cut FFL	108	120	116	120	116	**116**
C1583/395	D9 Cut FFL	114	116	108	104	111	**111**
C1583/395	E7 Cut FFL	122	124	128	126	125	**125**
C1583/395	E8 Cut FFL	126	120	118	120	121	**121**
C1583/395	F7 Cut FFL	98	100	108	114	105	**105**
C1583/395	F8 Cut FFL	128	130	116	116	123	**123**
C1583/395	G7 Cut FFL	114	120	118	120	118	**118**
C1583/395	G8 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/395	G9 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/395	H7 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/395	H8 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/395	H9 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/25985	Contract Sample No	C1583/396
Report Date	19/01/2026	ETS Contract No	C1583/396

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Project:
Dove Valley Park

Date Sampled	16/01/2026
Sample Location	See Below
Client Reference	C1583/396
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	16/01/2026
Date Tested	16/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/396	M6 Layer 1	108	112	114	116	113	**113**
C1583/396	L6 Layer 9	120	112	110	108	113	**113**
C1583/396	L7 Layer 2	118	108	114	126	117	**117**
C1583/396	L8 Layer 4	120	128	106	118	118	**118**
C1583/396	K6 Layer 9	112	118	104	108	111	**111**
C1583/396	K7 Layer 1	106	100	104	120	108	**108**
C1583/396	K8 Layer 4	120	124	116	116	119	**119**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26045	Contract Sample No	C1583/404
Report Date	22/01/2026	ETS Contract No	C1583/404

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Project:
Dove Valley Park

Date Sampled	19/01/2026
Sample Location	See Below
Client Reference	C1583/404
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	19/01/2026
Date Tested	19/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/404	M6 Layer 2	128	130	120	122	125	**125**
C1583/404	L6 Layer 10	108	112	118	120	115	**115**
C1583/404	L7 Layer 3	112	100	108	100	105	**105**
C1583/404	L8 Layer 5	124	128	130	122	126	**126**
C1583/404	K6 Layer 10	112	118	120	120	118	**118**
C1583/404	K7 Layer 2	106	100	108	112	107	**107**
C1583/404	K8 Layer 5	120	126	126	112	121	**121**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

** END OF REPORT **

Laboratory Report	ETS/26069	Contract Sample No	C1583/407
Report Date	22/01/2026	ETS Contract No	C1583/407

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Project:
Dove Valley Park

Date Sampled	20/01/2026
Sample Location	See Below
Client Reference	C1583/407
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	20/01/2026
Date Tested	20/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/407	M6 Layer 3	112	118	100	106	109	**109**
C1583/407	L6 Layer 11	110	118	120	112	115	**115**
C1583/407	L7 Layer 4	120	100	116	110	112	**112**
C1583/407	L8 Layer 6	114	120	126	128	122	**122**
C1583/407	K6 Layer 11	120	122	100	106	112	**112**
C1583/407	K7 Layer 3	114	114	120	118	117	**117**
C1583/407	K8 Layer 6	120	126	130	110	122	**122**
C1583/407	M6 Layer 4	108	112	120	110	113	**113**
C1583/407	L6 Layer 12	116	112	110	114	113	**113**
C1583/407	L7 Layer 5	128	126	128	110	123	**123**
C1583/407	K6 Layer 12	118	120	112	112	116	**116**
C1583/407	K7 Layer 4	100	100	104	112	104	**104**
C1583/407	M6 Layer 5	120	124	110	116	118	**118**
C1583/407	L6 Layer 13	122	128	118	118	122	**122**
C1583/407	L7 Layer 6	114	106	112	114	112	**112**
C1583/407	K6 Layer 13	120	128	104	112	116	**116**
C1583/407	K7 Layer 5	128	130	116	112	122	**122**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26072	Contract Sample No	C1583/410
Report Date	22/01/2026	ETS Contract No	C1583/410

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Project:
Dove Valley Park

Date Sampled	20/01/2026
Sample Location	See Below
Client Reference	C1583/410
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime
Date Received	20/01/2026
Date Tested	20/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/410	D9 Cut FFL Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/410	F9 Cut FFL Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/410	H9 Cut FFL Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26122	Contract Sample No	C1583/413
Report Date	28/01/2026	ETS Contract No	C1583/413

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Project:
Dove Valley Park

Date Sampled	23/01/2026
Sample Location	See Below
Client Reference	C1583/413
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime
Date Received	23/01/2026
Date Tested	23/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/413	M7 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/413	M8 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/413	M9 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/413	L9 Cut FFL	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26123	Contract Sample No	C1583/414
Report Date	28/01/2026	ETS Contract No	C1583/414

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Project:
Dove Valley Park

Date Sampled	23/01/2026
Sample Location	See Below
Client Reference	C1583/414
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	23/01/2026
Date Tested	23/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/414	J7 Layer 2	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26128	Contract Sample No	C1583/411
Report Date	28/01/2026	ETS Contract No	C1583/411

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Project:
Dove Valley Park

Date Sampled	21/01/2026
Sample Location	See Below
Client Reference	C1583/411
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime
Date Received	21/01/2026
Date Tested	21/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/411	L3 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/411	L4 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/411	L5 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/411	M3 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/411	M4 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/411	M5 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/411	J9 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/411	K9 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**
C1583/411	J8 Cut FFL	Too Stiff	Too Stiff	Too Stiff	Too Stiff	N/A	**Too Stiff**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26129	Contract Sample No	C1583/412
Report Date	28/01/2026	ETS Contract No	C1583/412

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Project:
Dove Valley Park

Date Sampled	21/01/2026
Sample Location	See Below
Client Reference	C1583/412
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	21/01/2026
Date Tested	21/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/412	M6 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/412	L6 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/412	K6 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/412	L7 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/412	K7 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/412	J7 Layer 1	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/26161	Contract Sample No	C1583/417
Report Date	29/01/2026	ETS Contract No	C1583/417

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Project:
Dove Valley Park

Date Sampled	26/01/2026
Sample Location	See Below
Client Reference	C1583/417
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	26/01/2026
Date Tested	26/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/417	X9 Layer 10 Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/417	X9 Layer 11 Re-Test	124	126	120	112	121	**121**
C1583/417	X9 Layer 12 Re-Test	118	120	122	122	121	**121**
C1583/417	X8 Layer 10 Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Template Version: 1.0

** END OF REPORT **

Laboratory Report	ETS/26162	Contract Sample No	C1583/418
Report Date	29/01/2026	ETS Contract No	C1583/418

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Project:
Dove Valley Park

Date Sampled	26/01/2026
Sample Location	See Below
Client Reference	C1583/418
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime
Date Received	26/01/2026
Date Tested	26/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/418	U8 Hole Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/418	T8 Hole Sub Formation	>130	>130	>130	>130	>130	**>130**
C1583/418	S8 Hole Sub Formation	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26163	Contract Sample No	C1583/419
Report Date	29/01/2026	ETS Contract No	C1583/419

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Project:
Dove Valley Park

Date Sampled	28/01/2026
Sample Location	See Below
Client Reference	C1583/419
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	28/01/2026
Date Tested	28/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/419	W9 Layer 13	>130	>130	>130	>130	>130	**>130**
C1583/419	X9 Layer 13	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26258	Contract Sample No	C1583/422
Report Date	02/02/2026	ETS Contract No	C1583/422

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Project:
Dove Valley Park

Date Sampled	29/01/2026
Sample Location	See Below
Client Reference	C1583/422
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	29/01/2026
Date Tested	29/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/422	X9 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/422	X10 Layer 12	>130	>130	>130	>130	>130	**>130**
C1583/422	W9 Layer 14	>130	>130	>130	>130	>130	**>130**
C1583/422	W10 Layer 9	>130	>130	>130	>130	>130	**>130**
C1583/422	V9 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/422	V8 Layer 5	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26261	Contract Sample No	C1583/425
Report Date	02/02/2026	ETS Contract No	C1583/425

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Project:
Dove Valley Park

Date Sampled	29/01/2026
Sample Location	See Below
Client Reference	C1583/425
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Greyish Clay
Date Received	29/01/2026
Date Tested	29/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/425	S9 Hole Sub Formation	120	118	126	126	123	**123**
C1583/425	T9 Hole Sub formation	120	118	126	126	123	**123**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26262	Contract Sample No	C1583/426
Report Date	11/02/2026	ETS Contract No	C1583/426

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Project:
Dove Valley Park

Date Sampled	30/01/2026
Sample Location	See Below
Client Reference	C1583/426
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	30/01/2026
Date Tested	30/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/426	S8 Layer 1	108	120	116	120	116	**116**
C1583/426	S9 Layer 1	124	120	112	118	119	**119**
C1583/426	T8 Layer 1	110	116	120	124	118	**118**
C1583/426	T9 Layer 1	102	108	112	116	110	**110**
C1583/426	S8 Layer 2	126	130	120	124	125	**125**
C1583/426	S9 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/426	T8 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/426	T9 Layer 2	>130	>130	>130	>130	>130	**>130**
C1583/426	S8 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/426	S9 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/426	T8 Layer 3	>130	>130	>130	>130	>130	**>130**
C1583/426	T9 Layer 3	124	128	120	108	120	**120**
C1583/426	S8 Layer 4	102	106	100	102	103	**103**
C1583/426	S9 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/426	T8 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/426	T9 Layer 4	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26265	Contract Sample No	C1583/429
Report Date	11/02/2026	ETS Contract No	C1583/429

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Project:
Dove Valley Park

Date Sampled	31/01/2026
Sample Location	See Below
Client Reference	C1583/429
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	31/01/2026
Date Tested	31/01/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	GL

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/429	S8 Layer 5	126	120	112	116	119	**119**
C1583/429	S9 Layer 5	130	120	110	116	119	**119**
C1583/429	T8 Layer 5	100	108	120	114	111	**111**
C1583/429	T9 Layer 5	130	120	114	128	123	**123**
C1583/429	S8 Layer 6	120	128	110	120	120	**120**
C1583/429	S9 Layer 6	108	114	120	116	115	**115**
C1583/429	T8 Layer 6	>130	>130	>130	>130	>130	**>130**
C1583/429	T9 Layer 6	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26352	Contract Sample No	C1583/430
Report Date	11/02/2026	ETS Contract No	C1583/430

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Project:
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Date Sampled	02/02/2026
Sample Location	See Below
Client Reference	C1583/430
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime
Date Received	02/02/2026
Date Tested	02/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/430	U12 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/430	T13 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/430	T14 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/430	T12 Cut FFL	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26354	Contract Sample No	C1583/432
Report Date	11/02/2026	ETS Contract No	C1583/432

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Project:
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Date Sampled	03/02/2026
Sample Location	See Below
Client Reference	C1583/432
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	03/02/2026
Date Tested	03/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/432	S8 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/432	S9 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/432	T8 Layer 7	>130	>130	>130	>130	>130	**>130**
C1583/432	T9 Layer 7	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26357	Contract Sample No	C1583/435
Report Date	11/02/2026	ETS Contract No	C1583/435

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Project:
Dove Valley Park

Date Sampled	04/02/2026
Sample Location	See Below
Client Reference	C1583/435
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	04/02/2026
Date Tested	04/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/435	S8 Layer 8	106	108	120	110	111	**111**
C1583/435	S9 Layer 8	102	120	120	114	114	**114**
C1583/435	T8 Layer 8	96	110	108	106	105	**105**
C1583/435	T9 Layer 8	122	128	120	120	123	**123**
C1583/435	S8 Layer 9	92	116	106	100	104	**104**
C1583/435	S9 Layer 9	124	128	130	120	126	**126**
C1583/435	T8 Layer 9	118	126	112	114	118	**118**
C1583/435	T9 Layer 9	128	130	120	124	126	**126**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26583	Contract Sample No	C1583/438
Report Date	18/02/2026	ETS Contract No	C1583/438

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Project:
Dove Valley Park

Date Sampled	16/02/2026
Sample Location	See Below
Client Reference	C1583/438
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime
Date Received	16/02/2026
Date Tested	16/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/438	R8 Sub Formation	108	112	110	116	112	**112**
C1583/438	R9 Sub Formation	98	104	104	106	103	**103**
C1583/438	U9 Sub Formation	120	126	112	114	118	**118**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26584	Contract Sample No	C1583/439
Report Date	18/02/2026	ETS Contract No	C1583/439

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Project:
Dove Valley Park

Date Sampled	17/02/2026
Sample Location	See Below
Client Reference	C1583/439
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	17/02/2026
Date Tested	17/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/439	U8 Layer 1	108	112	106	104	108	**108**
C1583/439	T8 Layer 10	94	112	120	100	107	**107**
C1583/439	T9 Layer 10	96	108	102	102	102	**102**
C1583/439	S8 Layer 10	120	126	122	118	122	**122**
C1583/439	S9 Layer 10	118	114	120	112	116	**116**
C1583/439	R8 Layer 1	100	118	126	112	114	**114**
C1583/439	U8 Layer 2	108	112	106	110	109	**109**
C1583/439	T8 Layer 11	112	104	108	112	109	**109**
C1583/439	T9 Layer 11	120	116	112	108	114	**114**
C1583/439	S8 Layer 11	124	122	120	126	123	**123**
C1583/439	S9 Layer 11	114	112	100	102	107	**107**
C1583/439	R8 Layer 2	120	112	104	114	113	**113**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/26635	Contract Sample No	C1583/442
Report Date	19/02/2026	ETS Contract No	C1583/442

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Project:
Dove Valley Park

Date Sampled	18/02/2026
Sample Location	See Below
Client Reference	C1583/442
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	18/02/2026
Date Tested	18/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/442	R8 Layer 3	106	112	100	108	107	**107**
C1583/442	R9 Layer 1	114	116	112	116	115	**115**
C1583/442	S8 Layer 12	120	126	124	124	124	**124**
C1583/442	S9 Layer 12	110	118	106	108	111	**111**
C1583/442	T8 Layer 12	114	118	110	110	113	**113**
C1583/442	T9 Layer 12	120	126	128	128	126	**126**
C1583/442	U8 Layer 3	124	126	110	100	115	**115**
C1583/442	R8 Layer 4	96	110	104	110	105	**105**
C1583/442	R9 Layer 2	120	128	114	110	118	**118**
C1583/442	S8 Layer 13	126	112	112	108	115	**115**
C1583/442	S9 Layer 13	120	128	120	124	123	**123**
C1583/442	T8 Layer 13	126	114	114	110	116	**116**
C1583/442	T9 Layer 13	128	130	120	128	127	**127**
C1583/442	U8 Layer 4	110	118	116	112	114	**114**
C1583/442	R8 Layer 5	118	120	126	120	121	**121**
C1583/442	R9 Layer 3	124	122	126	120	123	**123**
C1583/442	S8 Layer 14	120	118	120	122	120	**120**
C1583/442	S9 Layer 14	120	114	112	112	115	**115**
C1583/442	T8 Layer 14	128	130	120	106	121	**121**
C1583/442	T9 Layer 14	102	104	110	118	109	**109**
C1583/442	U8 Layer 5	120	112	110	110	113	**113**
C1583/442	R8 Layer 6	124	120	112	112	117	**117**
C1583/442	R9 Layer 4	108	116	120	112	114	**114**
C1583/442	S8 Layer 15	106	120	126	120	118	**118**
C1583/442	S9 Layer 15	124	128	130	130	128	**128**
C1583/442	T8 Layer 15	120	112	120	126	120	**120**
C1583/442	T9 Layer 15	118	124	120	122	121	**121**
C1583/442	U8 Layer 6	112	114	116	118	115	**115**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26639	Contract Sample No	C1583/446
Report Date	19/02/2026	ETS Contract No	C1583/446

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Project:
Dove Valley Park

Date Sampled	18/02/2026
Sample Location	See Below
Client Reference	C1583/446
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	18/02/2026
Date Tested	18/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/446	R8 Layer 7	118	126	124	120	122	**122**
C1583/446	R9 Layer 5	120	122	112	104	115	**115**
C1583/446	S8 Layer 16	118	110	110	120	115	**115**
C1583/446	S9 Layer 16	106	100	102	118	107	**107**
C1583/446	T8 Layer 16	126	120	112	114	118	**118**
C1583/446	T9 Layer 16	120	128	130	114	123	**123**
C1583/446	U8 Layer 7	120	108	108	120	114	**114**
C1583/446	U9 Layer 1	126	120	128	112	122	**122**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/26726	Contract Sample No	C1583/448
Report Date	24/02/2026	ETS Contract No	C1583/448

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Project:
Dove Valley Park

Date Sampled	19/02/2026
Sample Location	See Below
Client Reference	C1583/448
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% OPC (Class 7)
Date Received	19/02/2026
Date Tested	19/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/448	R8 Layer 8	118	124	126	120	122	**122**
C1583/448	R9 Layer 6	102	112	108	110	108	**108**
C1583/448	S8 Layer 17	124	120	120	112	119	**119**
C1583/448	S9 Layer 17	126	128	112	116	121	**121**
C1583/448	T8 Layer 17	120	100	108	114	111	**111**
C1583/448	T9 Layer 17	126	100	108	128	116	**116**
C1583/448	U8 Layer 8	108	118	120	112	115	**115**
C1583/448	U9 Layer 2	114	120	112	110	114	**114**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26728	Contract Sample No	C1583/450
Report Date	24/02/2026	ETS Contract No	C1583/450

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DE5 3QL

Project:
Dove Valley Park

Date Sampled	23/02/2026
Sample Location	See Below
Client Reference	C1583/450
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	23/02/2026
Date Tested	23/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/450	R8 Layer 9	124	126	120	118	122	**122**
C1583/450	R9 Layer 7	122	112	118	120	118	**118**
C1583/450	S8 Layer 18	108	112	116	116	113	**113**
C1583/450	S9 Layer 18	120	128	124	120	123	**123**
C1583/450	T8 Layer 18	102	112	114	110	110	**110**
C1583/450	T9 Layer 18	120	124	112	116	118	**118**
C1583/450	U8 Layer 9	126	124	120	112	121	**121**
C1583/450	U9 Layer 3	118	108	112	118	114	**114**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

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** END OF REPORT **

Laboratory Report	ETS/26743	Contract Sample No	C1583/452
Report Date	25/02/2026	ETS Contract No	C1583/452

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Project:
Dove Valley Park

Date Sampled	24/02/2026
Sample Location	See Below
Client Reference	C1583/452
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 4)
Date Received	24/02/2026
Date Tested	24/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/452	X15 Layer 5	126	120	110	100	114	**114**
C1583/452	Y14 Layer 5	100	102	112	106	105	**105**
C1583/452	Y13 Layer 5	120	112	104	100	109	**109**
C1583/452	Z12 Layer 5	128	130	130	120	127	**127**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26744	Contract Sample No	C1583/453
Report Date	25/02/2026	ETS Contract No	C1583/453

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Project:
Dove Valley Park

Date Sampled	24/02/2026
Sample Location	See Below
Client Reference	C1583/453
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	24/02/2026
Date Tested	24/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/453	V4 FFL Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/453	V6 FFL Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/453	S4 FFL Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/453	S6 FFL Re-Test	>130	>130	>130	>130	>130	**>130**
C1583/453	T6 FFL Re-Test	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/26778	Contract Sample No	C1583/454
Report Date	26/02/2026	ETS Contract No	C1583/454

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Project:
Dove Valley Park

Date Sampled	25/02/2026
Sample Location	See Below
Client Reference	C1583/454
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	25/02/2026
Date Tested	25/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/454	R8 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/454	R9 Layer 8	>130	>130	>130	>130	>130	**>130**
C1583/454	S8 Layer 19	>130	>130	>130	>130	>130	**>130**
C1583/454	S9 Layer 19	>130	>130	>130	>130	>130	**>130**
C1583/454	T8 Layer 19	>130	>130	>130	>130	>130	**>130**
C1583/454	T9 Layer 19	>130	>130	>130	>130	>130	**>130**
C1583/454	T7 Layer 1	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26781	Contract Sample No	C1583/457
Report Date	26/02/2026	ETS Contract No	C1583/457

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Project:
Dove Valley Park

Date Sampled	25/02/2026
Sample Location	See Below
Client Reference	C1583/457
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	25/02/2026
Date Tested	25/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/457	P3 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/457	P4 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/457	P5 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/457	P6 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/457	K3 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/457	K4 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/457	K5 Cut FFL	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26782	Contract Sample No	C1583/458
Report Date	26/02/2026	ETS Contract No	C1583/458

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Project:
Dove Valley Park

Date Sampled	25/02/2026
Sample Location	See Below
Client Reference	C1583/458
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 4)
Date Received	25/02/2026
Date Tested	25/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.: ETL/074	Operator JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/458	X15 Layer 6	84	90	76	78	82	**82**
C1583/458	Y13 Layer 6	100	108	80	72	90	**90**
C1583/458	Z12 Layer 6	68	78	84	70	75	**75**
C1583/458	Y14 Layer 7	96	90	108	104	100	**100**
C1583/458	Y12 Layer 7	104	108	90	96	100	**100**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26804	Contract Sample No	C1583/459
Report Date	27/02/2026	ETS Contract No	C1583/459

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Project:
Dove Valley Park

Date Sampled	26/02/2026
Sample Location	See Below
Client Reference	C1583/459
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel
Date Received	26/02/2026
Date Tested	26/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/459	G3 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/459	G4 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/459	G6 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/459	H3 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/459	H4 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/459	H5 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/459	H6 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/459	J6 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/459	K4 Cut FFL	>130	>130	>130	>130	>130	**>130**
C1583/459	K5 Cut FFL	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

Laboratory Report	ETS/26805	Contract Sample No	C1583/460
Report Date	27/02/2026	ETS Contract No	C1583/460

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Project:
Dove Valley Park

Date Sampled	26/02/2026
Sample Location	See Below
Client Reference	C1583/460
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel + 2% Lime (Class 7)
Date Received	26/02/2026
Date Tested	26/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/460	U8 Layer 10	>130	>130	>130	>130	>130	**>130**
C1583/460	U9 Layer 4	>130	>130	>130	>130	>130	**>130**
C1583/460	V7 Layer 1	>130	>130	>130	>130	>130	**>130**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/26807	Contract Sample No	C1583/462
Report Date	27/02/2026	ETS Contract No	C1583/462

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Project:
Dove Valley Park

Date Sampled	26/02/2026
Sample Location	See Below
Client Reference	C1583/462
Source	Ex-Site
Supplier	Ex-Site
Sampling Environment	Overcast
Material Description	Brown Clay W/F-M Gravel (Class 4)
Date Received	26/02/2026
Date Tested	26/02/2026

TEST REPORT

Determination of Equivalent Shear Strength

Tested in accordance with In-House Test Procedure Based on BS1377, Part 9: 1990 & BS 5930: 1999

Calibration Constant:	1.000000	Equipment Ref.:	ETL/074	Operator	JW

Test Reference	Test Location	Shear Vane Readings (Divisions)				Average Vane Reading	Equivalent Shear Strength (kPa)
		Test 1	Test 2	Test 3	Test 4		
C1583/462	Y15 Layer 8	92	84	78	90	86	**86**
C1583/462	X14 Layer 8	100	90	94	80	91	**91**
C1583/462	Y13 Layer 8	74	70	78	82	76	**76**
C1583/462	Z12 Layer 8	108	110	100	102	105	**105**
C1583/462	X15 Layer 9	90	94	80	80	86	**86**
C1583/462	Y14 Layer 9	70	78	80	80	77	**77**
C1583/462	Z13 Layer 9	104	102	90	112	102	**102**

Notes: UTP - Unable to Penetrate

Authorised Signatory

T. McDonald

Laboratory Report	ETS/23520	Contract Sample No	C1583/130
Report Date	14 October 2025	ETL Contract No	C1583/130

Collins Earthworks Ltd
Whiteley Road
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DE5 3QL

Site: **Dove Valley Park**

Material Description	Sand & Gravel (Class 6)
Source	Site Won
Supplier	Site Won
Sampling Plan	Client Specification
Groundwater Found	No
Test level/depth to test surface	Surface
Equipment Ref.	ETL/054
Date Sampled/Tested	13/10/2025

Weather/Environment Conditions	Clear/Dry
Operator	JW

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Determination of In-situ CBR Value by MEXE Penetration Probe
Tested in Accordance with In-house procedure

TEST REPORT

Test Location	Reference	MEXE Probe Values - Equivalent CBR Value (%)							
		0-75mm	75-150mm	150-225mm	225-300mm	300-375mm	375-450mm	450-525mm	525-600mm
AB4 Layer 8	C1583/130	>14							
AA4 Layer 8	C1583/130	>14							
AA5 Layer 8	C1583/130	>14							
AA6 Layer 11	C1583/130	>14							
AA7 Layer 14	C1583/130	>14							
AB7 Layer 14	C1583/130	>14							
AA8 Layer 14	C1583/130	>14							
AB8 Layer 16	C1583/130	>14							
AA9 Layer 14	C1583/130	>14							
AB9 Layer 16	C1583/130	>14							
AA10 Layer 14	C1583/130	>14							
AB10 Layer 17	C1583/130	>14							
Z4 Layer 4	C1583/130	>14							
Z5 Layer 4	C1583/130	>14							
Z6 Layer 4	C1583/130	>14							
Z7 Layer 5	C1583/130	>14							
Z8 Layer 8	C1583/130	>14							
Z9 Layer 8	C1583/130	>14							
Z10 Layer 12	C1583/130	>14							
Z11 Layer 12	C1583/130	>14							

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* = Material too stiff to test, unable to penetrate

Authorised Signatory

T. McDonald

Earthworks Testing Ltd. - Company No. 14251352

** End of Report **

Laboratory Report	ETS/23710	Contract Sample No	C1583/168
Report Date	22 October 2025	ETL Contract No	C1583/168

Collins Earthworks Ltd
Whiteley Road
Ripley
Derbyshire
DE5 3QL

Site: **Dove Valley Park**

Material Description	Sand & Gravel (Class 6)
Source	Site Won
Supplier	Site Won
Sampling Plan	Client Specification
Groundwater Found	No
Test level/depth to test surface	Surface
Equipment Ref.	ETL/054
Date Sampled/Tested	17/10/2025

Weather/Environment Conditions	Clear/Dry
Operator	JW

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Determination of In-situ CBR Value by MEXE Penetration Probe
Tested in Accordance with In-house procedure

TEST REPORT

Test Location	Reference	MEXE Probe Values - Equivalent CBR Value (%)							
		0-75mm	75-150mm	150-225mm	225-300mm	300-375mm	375-450mm	450-525mm	525-600mm
X4 Layer 2	C1583/168	>14							
X5 Layer 2	C1583/168	>14							
X6 Layer 2	C1583/168	>14							
X7 Layer 2	C1583/168	>14							
X8 Layer 2	C1583/168	>14							

Template Version: 1.0

* = Material too stiff to test, unable to penetrate

Authorised Signatory

T. McDonald

** End of Report **

Laboratory Report	ETS/23860	Contract Sample No	C1583/183
Report Date	23 October 2025	ETL Contract No	C1583/183

Collins Earthworks Ltd Whiteley Road Ripley Derbyshire DE5 3QL		Material Description	Sand & Gravel (Class 6)
		Source	Site Won
		Supplier	Site Won
Site: **Dove Valley Park**		Sampling Plan	Client Specification
		Groundwater Found	No
Weather/Environment Conditions	Clear/Dry	Test level/depth to test surface	Surface
		Equipment Ref.	ETL/054
Operator	JW	Date Sampled/Tested	22/10/2025

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Determination of In-situ CBR Value by MEXE Penetration Probe
Tested in Accordance with In-house procedure

TEST REPORT

Test Location	Reference	MEXE Probe Values - Equivalent CBR Value (%)							
		0-75mm	75-150mm	150-225mm	225-300mm	300-375mm	375-450mm	450-525mm	525-600mm
Z4 Layer 7	C1583/183	>14							
Z5 Layer 7	C1583/183	>14							
Z6 Layer 8	C1583/183	>14							
Z7 Layer 11	C1583/183	>14							
Z8 Layer 14	C1583/183	>14							
Z9 Layer 15	C1583/183	>14							
Z10 Layer 17	C1583/183	>14							

Template Version: 1.0

* = Material too stiff to test, unable to penetrate

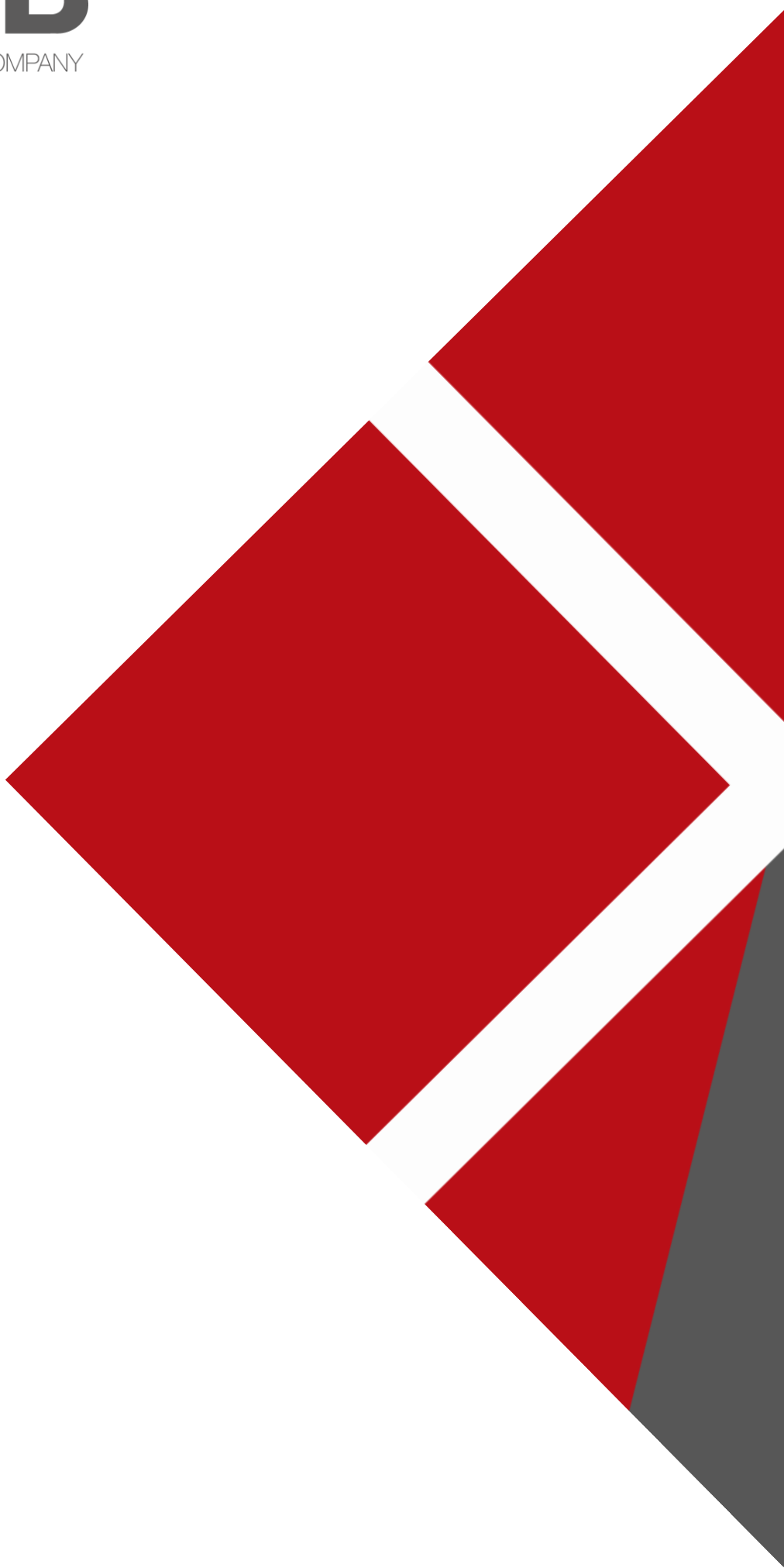
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T. McDonald

** End of Report **

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