



OAKLAND
site investigation

Job Reference:

Site Address: Reading University

Client: CGL

Date: 20.02.2024

In-Situ CBR No. CBR101

Depth (m): 1.00

Ring Number: 15060

Ring Factor: 9.2064

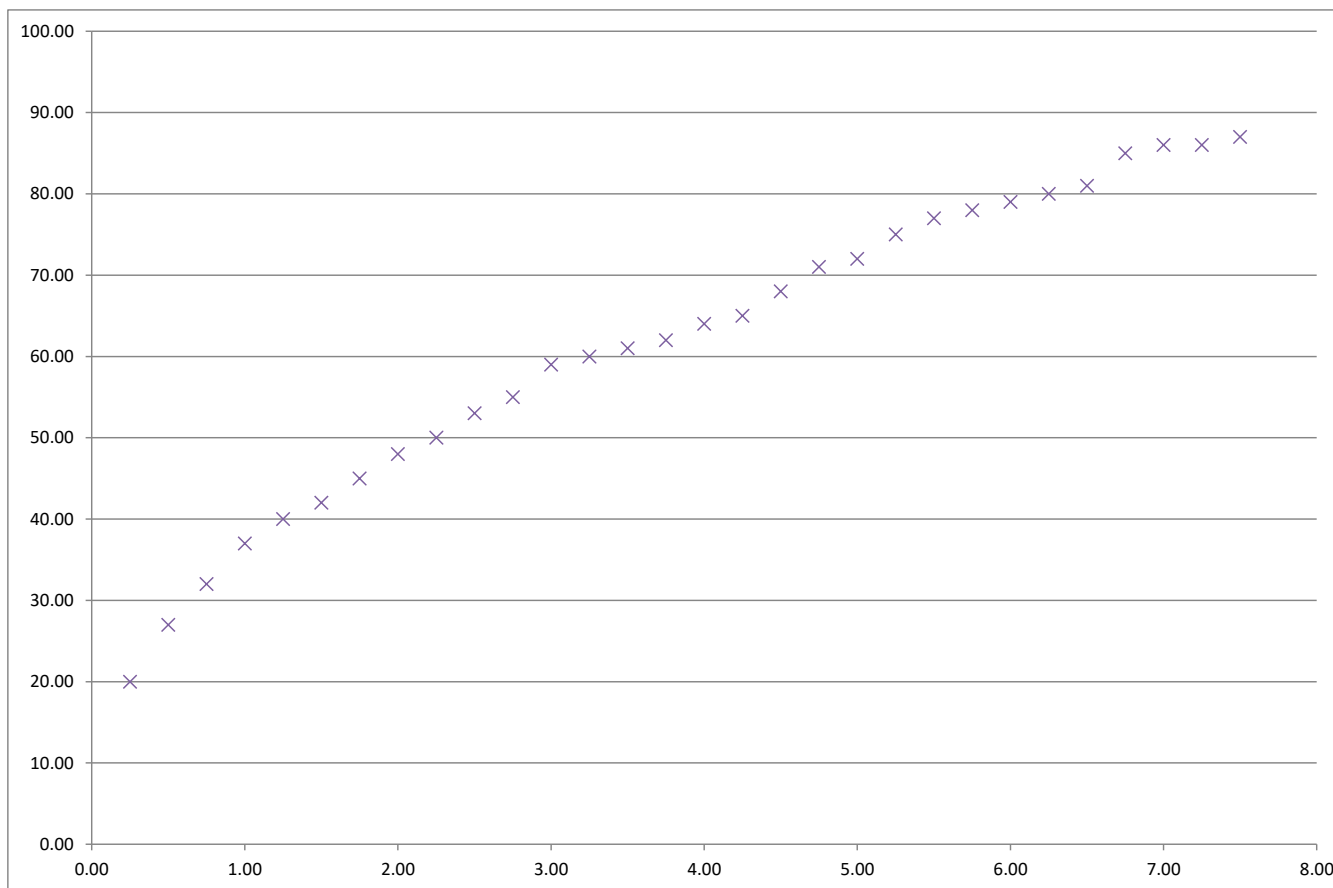
Natural Moisture Content (%): 13.3

CBR Value at 2.5mm Penetration (%) 3.7

CBR Value at 5.0mm Penetration (%) 3.3

Accepted CBR Value (%) 3.7

Penetration (mm)	Dial Gauge Reading
0.25	20
0.50	27
0.75	32
1.00	37
1.25	40
1.50	42
1.75	45
2.00	48
2.25	50
2.50	53
2.75	55
3.00	59
3.25	60
3.50	61
3.75	62
4.00	64
4.25	65
4.50	68
4.75	71
5.00	72
5.25	75
5.50	77
5.75	78
6.00	79
6.25	80
6.50	81
6.75	85
7.00	86
7.25	86
7.50	87





OAKLAND
site investigation

Job Reference:
Site Address: Reading University
Client: CGL
Date: 20.02.2024

In-Situ CBR No. CBR113
Depth (m): 0.85

Ring Number: 15060

Ring Factor: 9.2064

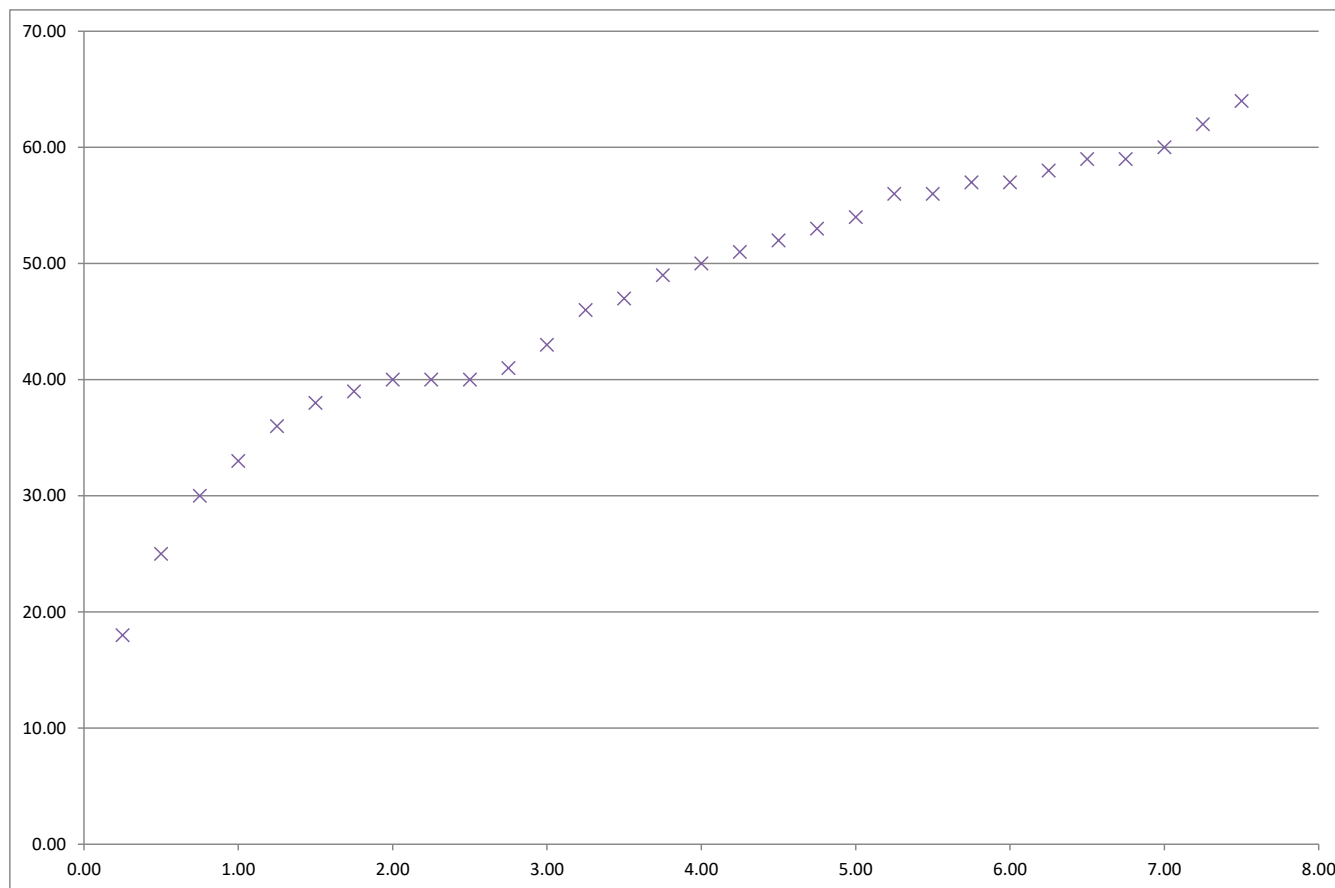
Natural Moisture Content (%): 12.1

CBR Value at 2.5mm Penetration (%) 2.8

CBR Value at 5.0mm Penetration (%) 2.5

Accepted CBR Value (%) 2.8

Penetration (mm)	Dial Gauge Reading
0.25	18
0.50	25
0.75	30
1.00	33
1.25	36
1.50	38
1.75	39
2.00	40
2.25	40
2.50	40
2.75	41
3.00	43
3.25	46
3.50	47
3.75	49
4.00	50
4.25	51
4.50	52
4.75	53
5.00	54
5.25	56
5.50	56
5.75	57
6.00	57
6.25	58
6.50	59
6.75	59
7.00	60
7.25	62
7.50	64





OAKLAND
site investigation

Job Reference:

Site Address: Reading University

Client: CGL

Date: 20.02.2024

In-Situ CBR No. CBR112

Depth (m): 1.01

Ring Number: 15060

Ring Factor: 9.2064

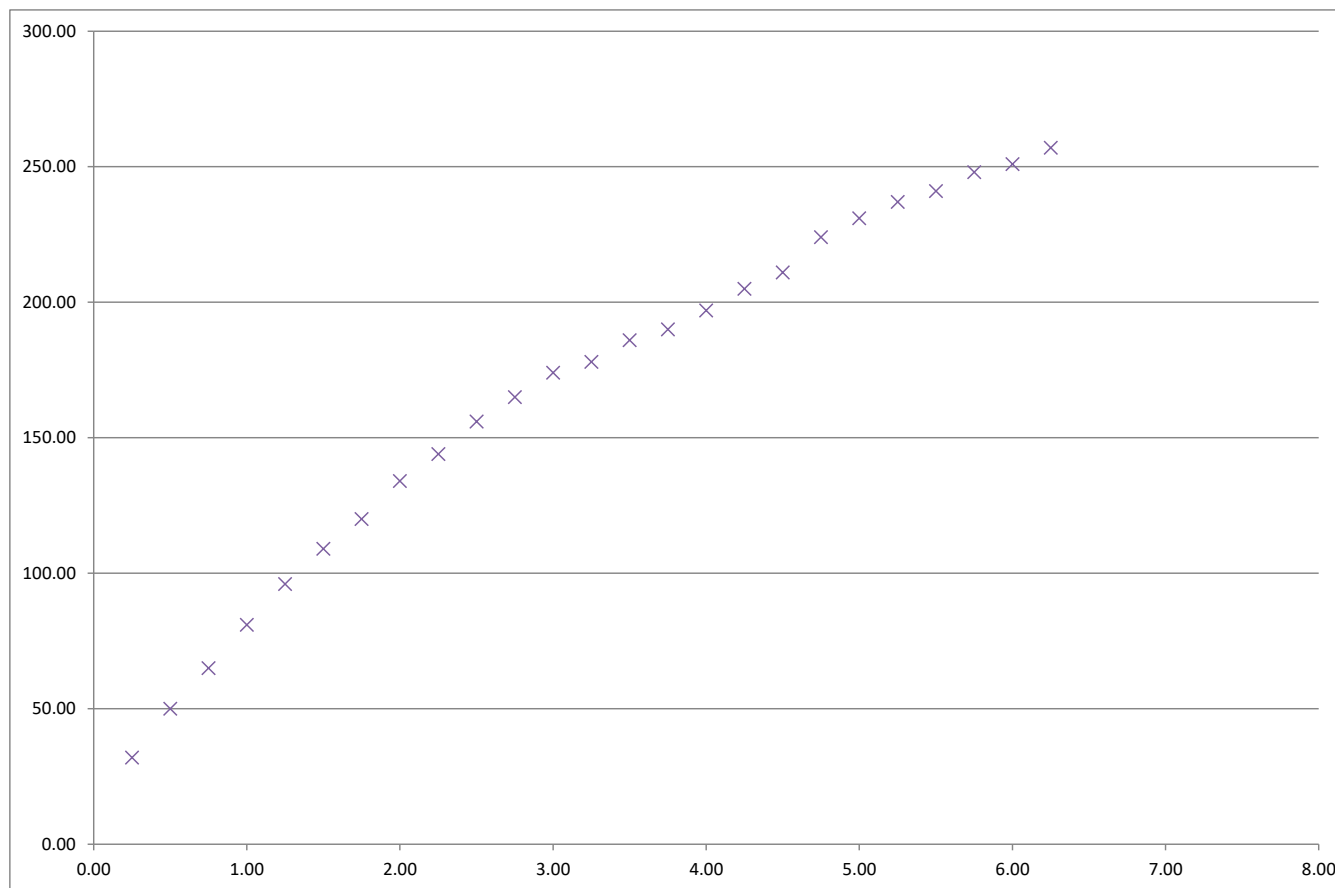
Natural Moisture Content (%): 14.5

CBR Value at 2.5mm Penetration (%) 10.9

CBR Value at 5.0mm Penetration (%) 10.6

Accepted CBR Value (%) 10.9

Penetration (mm)	Dial Gauge Reading
0.25	32
0.50	50
0.75	65
1.00	81
1.25	96
1.50	109
1.75	120
2.00	134
2.25	144
2.50	156
2.75	165
3.00	174
3.25	178
3.50	186
3.75	190
4.00	197
4.25	205
4.50	211
4.75	224
5.00	231
5.25	237
5.50	241
5.75	248
6.00	251
6.25	257
6.50	
6.75	
7.00	
7.25	
7.50	





OAKLAND
site investigation

Job Reference:
Site Address: Reading University
Client: CGL
Date: 21.02.2024

In-Situ CBR No. CBR106
Depth (m): 0.89

Ring Number: 15060

Ring Factor: 9.2064

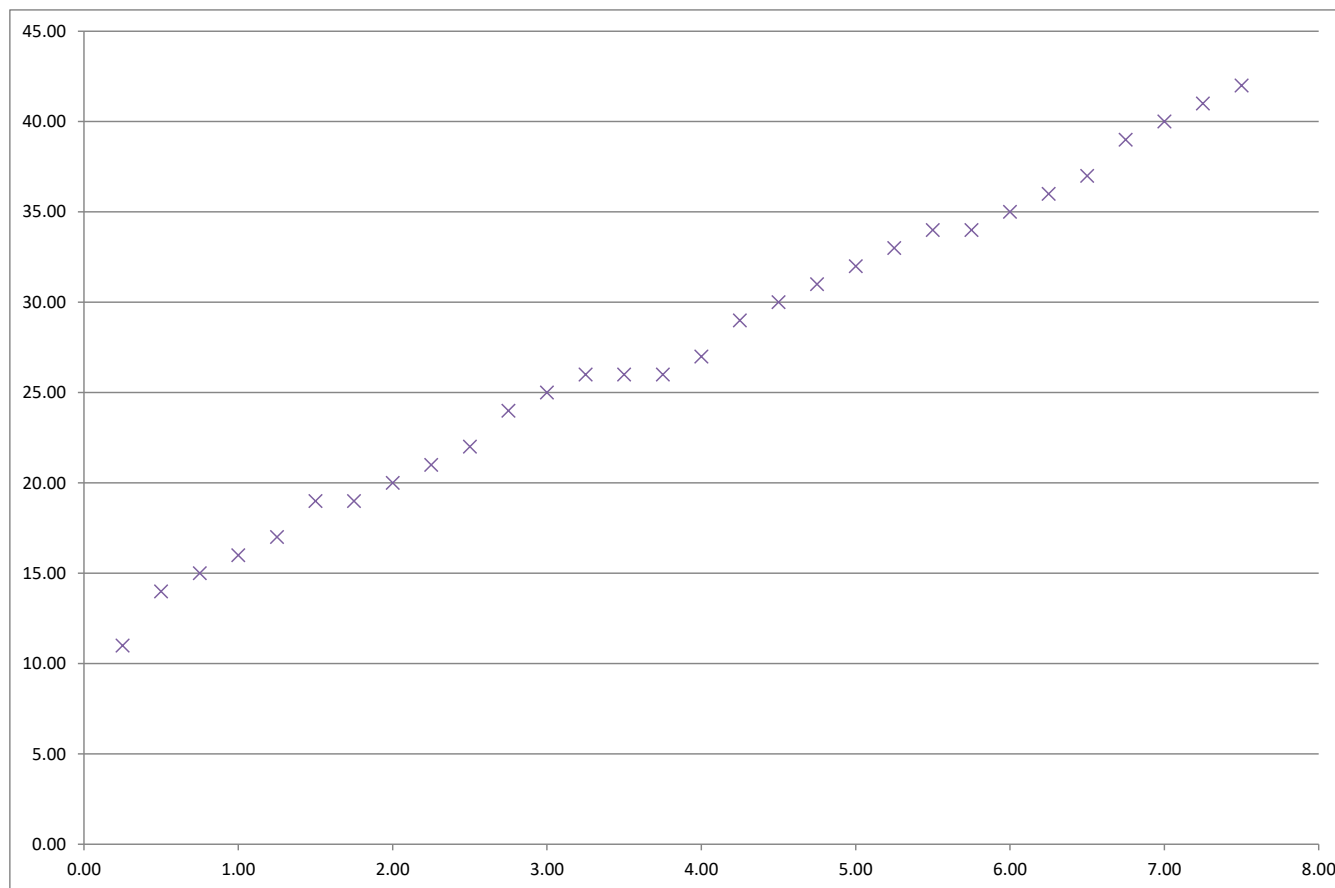
Natural Moisture Content (%): 29.7

CBR Value at 2.5mm Penetration (%) 1.5

CBR Value at 5.0mm Penetration (%) 1.5

Accepted CBR Value (%) 1.5

Penetration (mm)	Dial Gauge Reading
0.25	11
0.50	14
0.75	15
1.00	16
1.25	17
1.50	19
1.75	19
2.00	20
2.25	21
2.50	22
2.75	24
3.00	25
3.25	26
3.50	26
3.75	26
4.00	27
4.25	29
4.50	30
4.75	31
5.00	32
5.25	33
5.50	34
5.75	34
6.00	35
6.25	36
6.50	37
6.75	39
7.00	40
7.25	41
7.50	42





OAKLAND
site investigation

Job Reference:
Site Address: Reading University
Client: CGL
Date: 21.02.2024

In-Situ CBR No. CBR104
Depth (m): 0.86

Ring Number: 15060

Ring Factor: 9.2064

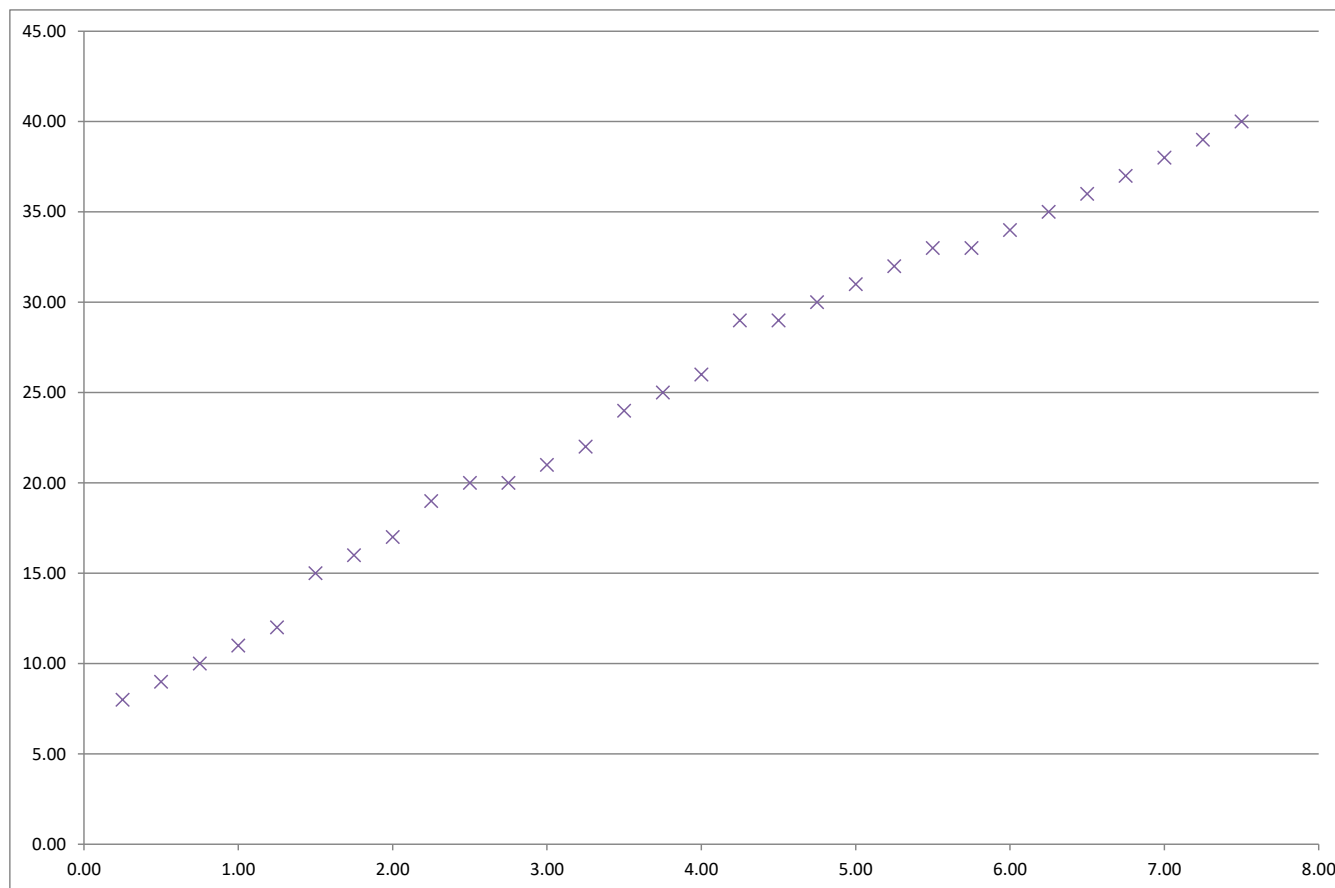
Natural Moisture Content (%): 15.7

CBR Value at 2.5mm Penetration (%) 1.4

CBR Value at 5.0mm Penetration (%) 1.4

Accepted CBR Value (%) 1.4

Penetration (mm)	Dial Gauge Reading
0.25	8
0.50	9
0.75	10
1.00	11
1.25	12
1.50	15
1.75	16
2.00	17
2.25	19
2.50	20
2.75	20
3.00	21
3.25	22
3.50	24
3.75	25
4.00	26
4.25	29
4.50	29
4.75	30
5.00	31
5.25	32
5.50	33
5.75	33
6.00	34
6.25	35
6.50	36
6.75	37
7.00	38
7.25	39
7.50	40





OAKLAND
site investigation

Job Reference:
Site Address: Reading University
Client: CGL
Date: 21.02.2024

In-Situ CBR No. CBR102
Depth (m): 1.07

Ring Number: 15060

Ring Factor: 9.2064

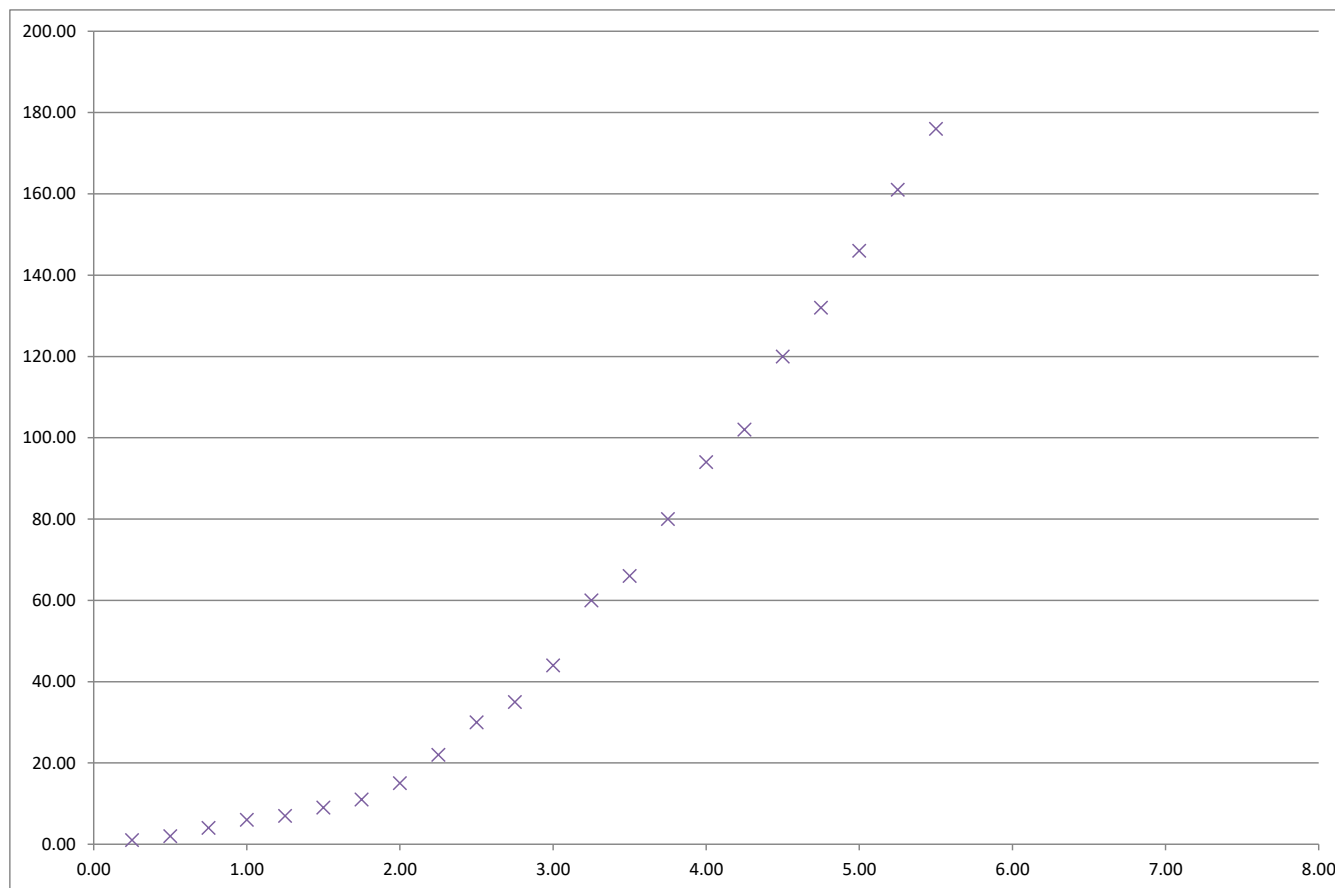
Natural Moisture Content (%): 13.3

CBR Value at 2.5mm Penetration (%) 2.1

CBR Value at 5.0mm Penetration (%) 6.7

Accepted CBR Value (%) 6.7

Penetration (mm)	Dial Gauge Reading
0.25	1
0.50	2
0.75	4
1.00	6
1.25	7
1.50	9
1.75	11
2.00	15
2.25	22
2.50	30
2.75	35
3.00	44
3.25	60
3.50	66
3.75	80
4.00	94
4.25	102
4.50	120
4.75	132
5.00	146
5.25	161
5.50	176
5.75	
6.00	
6.25	
6.50	
6.75	
7.00	
7.25	
7.50	



Oakland Site Investigation www.oaklandsi.co.uk T:01444 871 464
Registered Office Address: Unit 13, Firslan Park Estate, Henfield Road, Albourne, BN6 9JJ