

Dynamic Probe Test Results Sheet

DP No: **WS01**

Site: **Manchester College, Harpurhey**

Date: 16-Jul-20

Job Number: **A3545**

Test Type: DPSH

Client: The Manchester College

Final Depth: 5.90m

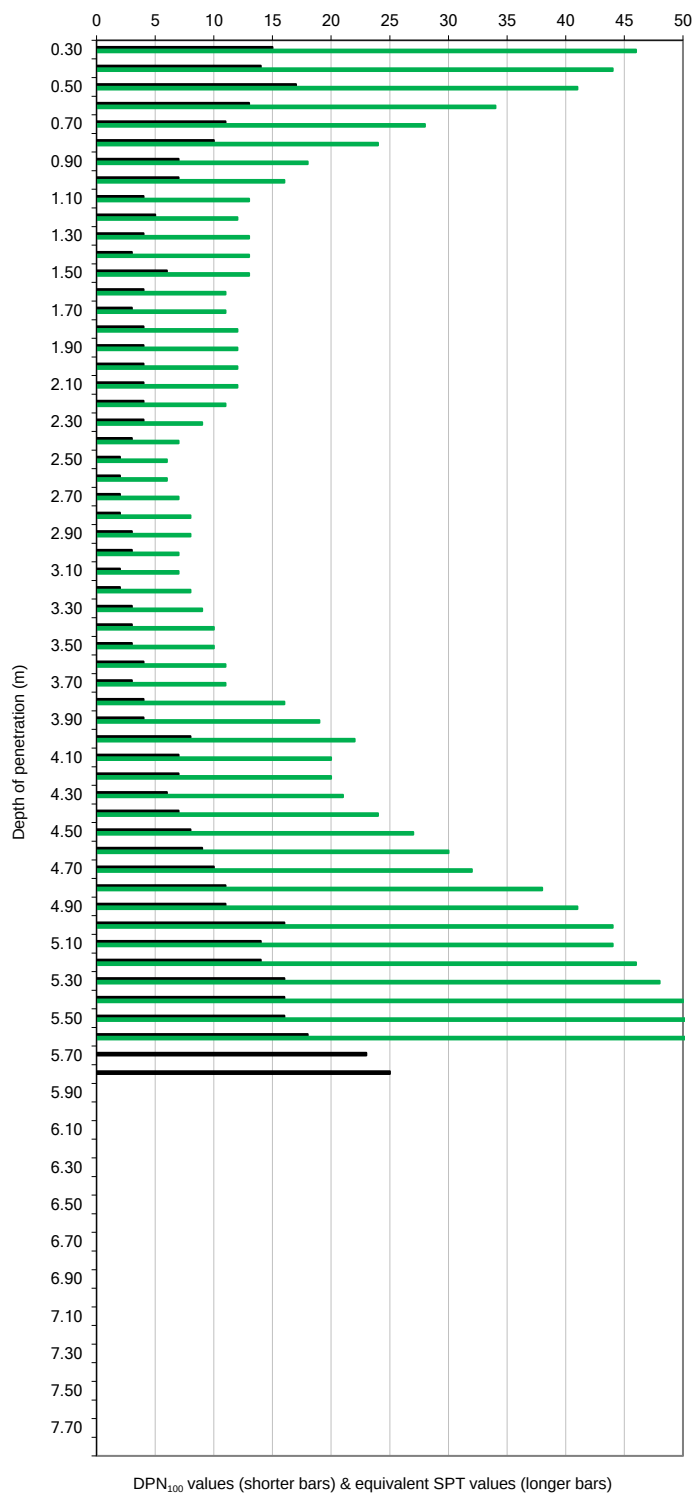
Rig Type: Competitor 130

Sheet 1 of 1



Depth (m)	DPN ₁₀₀	DPN ₃₀₀	SPT N *
0.30	15	46	46
0.40	14	44	44
0.50	17	41	41
0.60	13	34	34
0.70	11	28	28
0.80	10	24	24
0.90	7	18	18
1.00	7	16	16
1.10	4	13	13
1.20	5	12	12
1.30	4	13	13
1.40	3	13	13
1.50	6	13	13
1.60	4	11	11
1.70	3	11	11
1.80	4	12	12
1.90	4	12	12
2.00	4	12	12
2.10	4	12	12
2.20	4	11	11
2.30	4	9	9
2.40	3	7	7
2.50	2	6	6
2.60	2	6	6
2.70	2	7	7
2.80	2	8	8
2.90	3	8	8
3.00	3	7	7
3.10	2	7	7
3.20	2	8	8
3.30	3	9	9
3.40	3	10	10
3.50	3	10	10
3.60	4	11	11
3.70	3	11	11
3.80	4	16	16
3.90	4	19	19
4.00	8	22	22
4.10	7	20	20
4.20	7	20	20
4.30	6	21	21
4.40	7	24	24
4.50	8	27	27
4.60	9	30	30
4.70	10	32	32
4.80	11	38	38
4.90	11	41	41
5.00	16	44	44
5.10	14	44	44
5.20	14	46	46
5.30	16	48	48
5.40	16	50	50
5.50	16	57	57
5.60	18	66	66
5.70	23		
5.80	25		
5.90			
6.00			
6.10			
6.20			
6.30			
6.40			
6.50			
6.60			
6.70			
6.80			
6.90			
7.00			
7.10			
7.20			
7.30			
7.40			
7.50			
7.60			
7.70			
7.80			

Hammer Mass: 63.5 kg Cone Dia: 50.5mm
Drop Height: 750 mm Test by: LG



General Remarks:

DPN₁₀₀ = Dynamic penetration resistance for 100mm penetration.

DPN₃₀₀ = Dynamic penetration resistance for 300mm penetration (ie: sum of 3 consecutive DPN₁₀₀ values), starting at the depth given.

* Equivalent SPT N-values (for 300mm penetration) assumed to approximate the DPN₃₀₀ values for dynamic probe "super-heavy" test (DPSH).

For dynamic probe "heavy" test (DPH), equivalent SPT N-values estimated using the theoretical relationship DPN₁₀₀ = 1.5 SPT-N, [see Card, G.B., Roche, D.P. & Herbert, S.M., in Geol. Soc. Special Publication No 6, *Field Testing in Engineering Geology* (1990)]. SPT values are estimated and are for general guidance only.