

:: BPT Correlation and Correction Settings

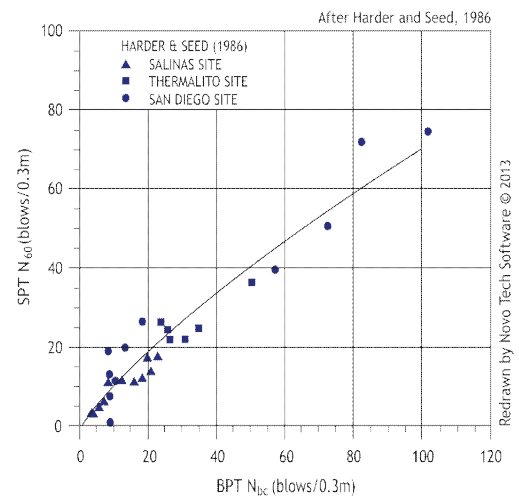
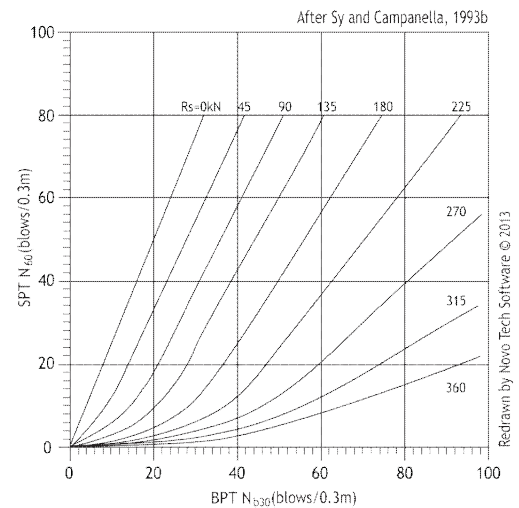
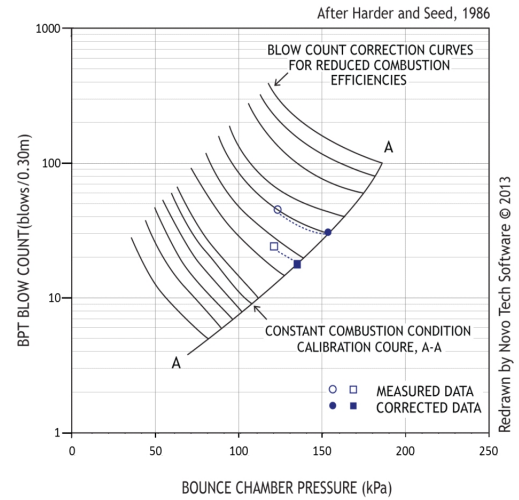
Correlation Method: Alex Sy and Campanella, 1993b
Pull-out Measurement: In-situ Measurements
Weight of casing: 0.25(kN/m)
Weight of bit: 0.25(kN)
Weight of all couplers: 0.25(kN)

:: Borehole Information

Name: BPT-1 0 (m)
Water Level: 0 (m)

TABLE 1: BPT Correction and Correlation to N60

| Depth (m) | BPT | Bounce Chamber Pressure (kPa) | Pull Out Reading (kN) | Net Friction Rs (kN) | Nb30 | N60 |
|-----------|-----|-------------------------------|-----------------------|----------------------|------|-----|
| 1.83 | 5 | 89.6 | | 22.2 | 5* | 9 |
| 2.13 | 8 | 89.6 | | 25.9 | 7 | 12 |
| 2.44 | 8 | 68.9 | | 29.7 | 5 | 9 |
| 2.74 | 7 | 68.9 | | 33.4 | 5 | 8 |
| 3.05 | 15 | 68.9 | | 37.3 | 7 | 10 |
| 3.35 | 21 | 137.9 | | 41 | 21 | 35 |
| 3.66 | 24 | 117.2 | | 44.8 | 17 | 27 |
| 3.96 | 19 | 110.3 | 52 | 48.5 | 14 | 19 |
| 4.27 | 18 | 103.4 | | 49.3 | 12 | 16 |
| 4.57 | 15 | 103.4 | | 50 | 11 | 14 |
| 4.88 | 14 | 110.3 | | 50.8 | 12 | 14 |
| 5.18 | 12 | 103.4 | | 51.5 | 10 | 12 |
| 5.49 | 11 | 96.5 | | 52.3 | 9 | 10 |
| 5.79 | 10 | 89.6 | | 53 | 7 | 9 |
| 6.1 | 10 | 68.9 | | 53.8 | 6 | 7 |
| 6.4 | 9 | 68.9 | | 54.5 | 5 | 6 |
| 6.71 | 8 | 68.9 | | 55.3 | 5 | 6 |
| 7.01 | 10 | 68.9 | | 56 | 6 | 7 |
| 7.32 | 6 | 68.9 | | 56.8 | 5 | 5 |
| 7.62 | 6 | 68.9 | | 57.6 | 5 | 5 |
| 7.92 | 6 | 68.9 | | 58.3 | 5 | 5 |
| 8.23 | 6 | 68.9 | | 59.1 | 5 | 5 |
| 8.53 | 5 | 75.8 | | 59.8 | 5 | 5 |
| 8.84 | 4 | 75.8 | | 60.6 | 4* | 4 |
| 9.14 | 5 | 75.8 | | 61.3 | 5 | 5 |
| 9.45 | 6 | 75.8 | | 62.1 | 5 | 5 |
| 9.75 | 6 | 89.6 | | 62.8 | 6 | 6 |
| 10.06 | 8 | 89.6 | | 63.6 | 7 | 7 |
| 10.36 | 7 | 89.6 | | 64.3 | 6 | 7 |
| 10.67 | 9 | 89.6 | | 65.1 | 7 | 7 |
| 10.97 | 9 | 89.6 | | 65.8 | 7 | 7 |
| 11.28 | 5 | 96.5 | | 66.6 | 5* | 5 |
| 11.58 | 6 | 96.5 | 76.5 | 67.3 | 6* | 6 |
| 11.89 | 11 | 96.5 | | 67.8 | 9 | 8 |
| 12.19 | 8 | 75.8 | | 68.3 | 6 | 5 |
| 12.5 | 8 | 75.8 | | 68.8 | 6 | 5 |
| 12.8 | 7 | 75.8 | | 69.3 | 5 | 5 |
| 13.11 | 7 | 75.8 | | 69.8 | 5 | 5 |
| 13.41 | 7 | 75.8 | | 70.2 | 5 | 5 |
| 13.72 | 15 | 103.4 | | 70.7 | 11 | 10 |



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| Depth (m) | BPT | Bounce Chamber Pressure (kPa) | Pull Out Reading (kN) | Net Friction Rs (kN) | Nb30 | N60 |
|-----------|-----|-------------------------------|-----------------------|----------------------|------|-----|
| 14.02 | 31 | 117.2 | | 71.2 | 21 | 25 |
| 14.33 | 27 | 124.1 | | 71.7 | 20 | 25 |
| 14.63 | 26 | 110.3 | | 72.2 | 17 | 18 |
| 14.94 | 34 | 137.9 | | 72.7 | 29 | 41 |
| 15.24 | 26 | 117.2 | | 73.2 | 18 | 21 |
| 15.54 | 17 | 103.4 | | 73.6 | 12 | 10 |
| 15.85 | 12 | 96.5 | | 74.1 | 9 | 8 |
| 16.15 | 10 | 89.6 | | 74.6 | 7 | 6 |
| 16.46 | 11 | 89.6 | | 75.1 | 8 | 7 |
| 16.76 | 12 | 103.4 | | 75.6 | 10 | 8 |
| 17.07 | 13 | 117.2 | | 76.1 | 12 | 10 |
| 17.37 | 17 | 103.4 | | 76.6 | 12 | 10 |
| 17.68 | 16 | 103.4 | | 77.1 | 11 | 9 |
| 17.98 | 15 | 103.4 | | 77.5 | 11 | 9 |
| 18.29 | 17 | 103.4 | | 78 | 12 | 10 |
| 18.59 | 16 | 103.4 | | 78.5 | 11 | 9 |
| 18.9 | 19 | 103.4 | | 79 | 12 | 10 |
| 19.2 | 17 | 103.4 | | 79.5 | 12 | 9 |
| 19.51 | 13 | 103.4 | | 80 | 10 | 8 |
| 19.81 | 18 | 110.3 | | 80.5 | 13 | 11 |
| 20.12 | 17 | 110.3 | | 80.9 | 13 | 10 |
| 20.42 | 18 | 110.3 | | 81.4 | 13 | 11 |
| 20.73 | 18 | 110.3 | | 81.9 | 13 | 10 |
| 21.03 | 19 | 110.3 | | 82.4 | 14 | 11 |
| 21.34 | 26 | 110.3 | 99.4 | 82.9 | 17 | 15 |
| 21.64 | 30 | 117.2 | | 83.2 | 20 | 20 |
| 21.95 | 32 | 124.1 | | 83.5 | 23 | 27 |
| 22.25 | 38 | 124.1 | | 83.8 | 27 | 34 |
| 22.56 | 30 | 110.3 | | 84.1 | 18 | 17 |
| 22.86 | 27 | 110.3 | | 84.5 | 17 | 16 |
| 23.16 | 26 | 117.2 | | 84.8 | 18 | 17 |
| 23.47 | 27 | 117.2 | | 85.1 | 19 | 18 |
| 23.77 | 34 | 110.3 | | 85.4 | 20 | 19 |
| 24.08 | 34 | 110.3 | | 85.7 | 20 | 19 |
| 24.38 | 37 | 110.3 | | 86 | 21 | 21 |
| 24.69 | 39 | 110.3 | | 86.3 | 22 | 23 |
| 24.99 | 40 | 110.3 | | 86.6 | 22 | 23 |
| 25.3 | 42 | 110.3 | | 87 | 23 | 25 |
| 25.6 | 35 | 110.3 | | 87.3 | 20 | 19 |
| 25.91 | 31 | 124.1 | | 87.6 | 23 | 24 |
| 26.21 | 30 | 124.1 | | 87.9 | 22 | 23 |
| 26.52 | 27 | 124.1 | | 88.2 | 20 | 19 |
| 26.82 | 33 | 124.1 | | 88.5 | 24 | 26 |
| 27.13 | 36 | 124.1 | | 88.8 | 26 | 30 |
| 27.43 | 44 | 117.2 | | 89.1 | 27 | 32 |
| 27.74 | 45 | 110.3 | | 89.5 | 24 | 27 |
| 28.04 | 46 | 110.3 | | 89.8 | 25 | 27 |
| 28.35 | 43 | 110.3 | | 90.1 | 23 | 24 |
| 28.65 | 29 | 117.2 | | 90.4 | 20 | 17 |

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| Depth (m) | BPT | Bounce Chamber Pressure (kPa) | Pull Out Reading (kN) | Net Friction Rs (kN) | Nb30 | N60 |
|-----------|-----|-------------------------------|-----------------------|----------------------|------|-----|
| 28.96 | 38 | 131 | | 90.7 | 29 | 35 |
| 29.26 | 36 | 137.9 | | 91 | 30 | 37 |
| 29.57 | 36 | 137.9 | | 91.3 | 30 | 37 |
| 29.87 | 42 | 137.9 | | 91.6 | 34 | 45 |
| 30.18 | 41 | 124.1 | | 92 | 29 | 34 |
| 30.48 | 53 | 117.2 | | 92.3 | 31 | 39 |
| 30.78 | 51 | 124.1 | | 92.6 | 34 | 45 |
| 31.09 | 50 | 137.9 | 116.7 | 92.9 | 40 | 57 |
| 31.39 | 49 | 137.9 | | 92.9 | 39 | 55 |
| 31.7 | 47 | 131 | | 92.9 | 35 | 47 |
| 32 | 49 | 131 | | 92.9 | 37 | 50 |
| 32.31 | 47 | 137.9 | | 92.9 | 37 | 52 |
| 32.61 | 50 | 131 | | 92.9 | 37 | 52 |
| 32.92 | 56 | 117.2 | | 92.9 | 32 | 42 |
| 33.22 | 45 | 137.9 | | 92.9 | 36 | 49 |
| 33.53 | 47 | 131 | | 92.9 | 35 | 47 |
| 33.83 | 46 | 137.9 | | 92.9 | 37 | 51 |
| 34.14 | 50 | 131 | | 92.9 | 37 | 52 |
| 34.44 | 51 | 137.9 | | 92.9 | 41 | 58 |
| 34.75 | 44 | 137.9 | | 92.9 | 35 | 48 |
| 35.05 | 47 | 137.9 | | 93 | 37 | 52 |
| 35.36 | 46 | 137.9 | | 93 | 37 | 51 |
| 35.66 | 48 | 137.9 | | 93 | 38 | 53 |
| 35.97 | 46 | 137.9 | | 93 | 37 | 51 |
| 36.27 | 47 | 137.9 | | 93 | 37 | 52 |
| 36.58 | 49 | 137.9 | | 93 | 39 | 55 |
| 36.88 | 48 | 137.9 | | 93 | 38 | 53 |
| 37.19 | 47 | 137.9 | | 93 | 37 | 52 |
| 37.49 | 55 | 137.9 | | 93 | 43 | 63 |
| 37.8 | 40 | 137.9 | | 93 | 32 | 42 |
| 38.1 | 52 | 137.9 | | 93 | 41 | 59 |
| 38.4 | 53 | 137.9 | | 93 | 42 | 60 |
| 38.71 | 56 | 137.9 | | 93 | 43 | 64 |
| 39.01 | 52 | 137.9 | | 93 | 41 | 59 |
| 39.32 | 55 | 137.9 | | 93 | 43 | 63 |
| 39.62 | 55 | 137.9 | | 93 | 43 | 63 |
| 39.93 | 58 | 137.9 | | 93 | 44 | 66 |
| 40.23 | 56 | 137.9 | | 93 | 43 | 64 |
| 40.54 | 60 | 137.9 | | 93 | 46 | 69 |
| 40.84 | 54 | 137.9 | | 93.1 | 42 | 61 |
| 41.15 | 51 | 137.9 | | 93.1 | 41 | 58 |
| 41.45 | 54 | 137.9 | | 93.1 | 42 | 61 |
| 41.76 | 67 | 137.9 | | 93.1 | 49 | 75 |
| 42.06 | 64 | 137.9 | | 93.1 | 47 | 72 |
| 42.37 | 60 | 137.9 | | 93.1 | 46 | 69 |
| 42.67 | 69 | 137.9 | | 93.1 | 49 | 76 |
| 42.98 | 62 | 137.9 | | 93.1 | 46 | 70 |
| 43.28 | 61 | 137.9 | | 93.1 | 46 | 70 |
| 43.59 | 55 | 137.9 | | 93.1 | 43 | 63 |

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| Depth (m) | BPT | Bounce Chamber Pressure (kPa) | Pull Out Reading (kN) | Net Friction Rs (kN) | Nb30 | N60 |
|-----------|-----|-------------------------------|-----------------------|----------------------|------|-----|
| 43.89 | 65 | 137.9 | | 93.1 | 48 | 73 |
| 44.2 | 69 | 137.9 | | 93.1 | 49 | 76 |
| 44.5 | 66 | 137.9 | | 93.1 | 48 | 74 |
| 44.81 | 68 | 137.9 | | 93.1 | 49 | 75 |
| 45.11 | 69 | 137.9 | | 93.1 | 49 | 76 |
| 45.42 | 63 | 137.9 | | 93.1 | 47 | 71 |
| 45.72 | 66 | 137.9 | | 93.1 | 48 | 74 |
| 46.02 | 66 | 137.9 | | 93.1 | 48 | 74 |
| 46.33 | 54 | 137.9 | 128.4 | 93.2 | 42 | 61 |
| 46.63 | 53 | 137.9 | | 93.2 | 42 | 60 |
| 46.94 | 70 | 137.9 | | 93.2 | 50 | 77 |
| 47.24 | 64 | 137.9 | | 93.2 | 47 | 72 |
| 47.55 | 67 | 137.9 | | 93.2 | 49 | 75 |
| 47.85 | 94 | 137.9 | | 93.2 | 59 | 96 |
| 48.16 | 95 | 137.9 | | 93.2 | 60 | 97 |
| 48.46 | 68 | 137.9 | | 93.2 | 49 | 75 |
| 48.77 | 53 | 137.9 | | 93.2 | 42 | 60 |
| 49.07 | 39 | 137.9 | | 93.2 | 32 | 41 |
| 49.38 | 45 | 137.9 | | 93.2 | 36 | 49 |
| 49.68 | 46 | 137.9 | | 93.2 | 37 | 51 |

