

Project:	Job No. :	Location:	Client:
Sample project	123456	Sample location	Sample Client

Borehole:	Soil Type:	Parameter:
BH1	Coarse and Fine	Allowable Bearing Capacity (kPa)

Reference	Note	Depth (m)	Value
Meyerhof Method	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 25 CW1 = 0.77 CW2 = 1.00	0.30	379.5288
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 23 CW1 = 0.70 CW2 = 1.00	0.61	398.9328
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 24 CW1 = 0.63 CW2 = 1.00	0.91	466.5325
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 24 CW1 = 0.56 CW2 = 1.00	1.22	518.4625
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 23 CW1 = 0.50 CW2 = 0.99	1.52	544.2181
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 23 CW1 = 0.50 CW2 = 0.91	1.83	581.5428
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 23 CW1 = 0.50 CW2 = 0.85	2.13	617.6635
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 20 CW1 = 0.50 CW2 = 0.81	2.44	569.5549
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 19 CW1 = 0.50 CW2 = 0.77	2.74	570.9160

Reference	Note	Depth (m)	Value
Meyerhof Method	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 20 CW1 = 0.50 CW2 = 0.75	3.05	633.4205
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 19 CW1 = 0.50 CW2 = 0.72	3.35	631.5883
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 20 CW1 = 0.50 CW2 = 0.70	3.66	697.2860
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 21 CW1 = 0.50 CW2 = 0.69	3.96	765.1301
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 21 CW1 = 0.50 CW2 = 0.68	4.27	799.2091
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 20 CW1 = 0.50 CW2 = 0.66	4.80	816.6413
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 21 CW1 = 0.50 CW2 = 0.65	5.00	879.4598
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 20 CW1 = 0.50 CW2 = 0.63	5.60	900.3994
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 18 CW1 = 0.50 CW2 = 0.63	6.00	848.0506
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 16 CW1 = 0.50 CW2 = 0.61	6.80	820.8292

Reference	Note	Depth (m)	Value
Meyerhof Method	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 14 CW1 = 0.50 CW2 = 0.60	7.50	769.5274
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 14 CW1 = 0.50 CW2 = 0.59	8.11	814.2332
	Based on shear failure criteria (FS = 3) B(m) = 1.50 N = Average uncorrected spt blow count to 1.5B depth below footing N = 16 CW1 = 0.50 CW2 = 0.59	8.50	963.2179
Anagnostopoulos et al. (1991)	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 23	0.30	817.7961
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 21	0.61	721.3574
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 26	0.91	968.4721
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 27	1.22	1,020.2218
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 26	1.52	968.4721
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 25	1.83	917.4721
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 23	2.13	817.7961
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 20	2.44	674.4098
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 19	2.74	628.3445

Reference	Note	Depth (m)	Value
Anagnostopoulos et al. (1991)	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 20	3.05	674.4098
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 20	3.35	674.4098
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 20	3.66	674.4098
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 20	3.96	674.4098
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 20	4.27	674.4098
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 20	4.80	674.4098
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 21	5.00	721.3574
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 21	5.60	721.3574
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 21	6.00	721.3574
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 16	6.80	495.7411
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 14	7.50	412.3500
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 14	8.11	412.3500
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average uncorrected spt blow count to 1B depth below footing N = 16	8.50	495.7411

Reference	Note	Depth (m)	Value
Burland and Burbridge (1985)	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 25	0.30	999.5698
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 24	0.61	944.0453
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 30	0.91	1,290.2292
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 31	1.22	1,350.8386
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 31	1.52	1,350.8386
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 29	1.83	1,230.4226
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 28	2.13	1,171.4354
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 23	2.44	889.4388
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 22	2.74	835.7740
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 23	3.05	889.4388
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 23	3.35	889.4388

Reference	Note	Depth (m)	Value
Burland and Burbridge (1985)	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 23	3.66	889.4388
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 23	3.96	889.4388
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 22	4.27	835.7740
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 22	4.80	835.7740
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 23	5.00	889.4388
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 22	5.60	835.7740
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 24	6.00	944.0453
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 15	6.80	488.9054
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 13	7.50	400.1454
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 12	8.11	357.7263
	Based on allowable settlement (25.00mm) B(m) = 1.50 N = Average corrected spt blow count to $1.4 \cdot Br \cdot (B/Br)^{0.75}$ depth below footing Br = 0.3m N = 14	8.50	443.8910

