

ภาคผนวก ก

ตัวอย่างผลการคำนวณค่า ULTIMATE BEARING CAPACITY ของดินเหนียว หนักโปรแกรม MICROSOFT EXCEL ประเภท CL ที่ความลึก 2.50 เมตร (D<sub>u</sub> = 2.50 เมตร)

SUBMERGE UNIT WEIGHT ค่าที่ 1-20

ลำดับที่	SUB1	SUB2	SUB3	SUB4	SUB5	SUB6	SUB7	SUB8	SUB9	SUB10	SUB11	SUB12	SUB13	SUB14	SUB15	SUB16	SUB17	SUB18	SUB19	SUB20
c1	214.33	213.80	214.22	214.01	214.10	214.03	214.28	214.19	213.87	214.05	214.04	213.83	214.17	213.88	213.95	213.66	213.43	213.74	213.93	213.98
c2	29.47	28.94	29.36	29.15	29.24	29.17	29.42	29.33	29.01	29.18	29.18	28.97	29.30	29.01	29.09	28.80	28.57	28.88	29.07	29.12
c3	143.06	142.52	142.95	142.74	142.83	142.76	143.01	142.92	142.60	142.77	142.77	142.55	142.89	142.67	142.67	142.39	142.16	142.47	142.66	142.71
c4	67.29	66.76	67.19	66.98	67.06	66.99	67.24	67.15	66.83	67.01	67.00	66.79	67.13	66.84	66.91	66.62	66.39	66.70	66.89	66.94
c5	92.77	92.23	92.66	92.45	92.54	92.47	92.72	92.62	92.31	92.48	92.48	92.26	92.60	92.31	92.38	92.10	91.87	92.18	92.37	92.42
c6	72.24	71.70	72.13	71.92	72.00	71.94	72.19	72.09	71.78	71.95	71.94	71.73	72.07	71.78	71.85	71.57	71.33	71.65	71.84	71.89
c7	175.40	174.87	175.29	175.08	175.17	175.10	175.35	175.26	174.94	175.11	175.11	174.90	175.23	174.94	175.02	174.73	174.50	174.81	175.00	175.05
c8	126.41	125.88	126.31	126.09	126.18	126.11	126.36	126.27	125.95	126.13	126.12	125.91	126.25	125.96	126.03	125.74	125.51	125.82	126.01	126.06
c9	38.68	38.14	38.57	38.36	38.44	38.37	38.62	38.53	38.21	38.38	38.38	38.17	38.51	38.22	38.29	38.01	37.77	38.09	38.28	38.33
c10	76.12	75.58	76.01	75.80	75.89	75.82	76.07	75.97	75.66	75.83	75.83	75.61	75.95	75.66	75.73	75.45	75.22	75.53	75.72	75.77
c11	74.31	73.78	74.20	73.99	74.08	74.01	74.26	74.17	73.86	74.02	74.02	73.81	74.14	73.86	73.93	73.64	73.41	73.72	73.91	73.96
c12	32.96	32.43	32.86	32.65	32.73	32.66	32.91	32.82	32.50	32.68	32.67	32.46	32.80	32.51	32.58	32.29	32.06	32.37	32.57	32.61
c13	116.46	115.92	116.35	116.14	116.23	116.16	116.41	116.32	116.00	116.17	116.17	115.96	116.29	116.00	116.07	115.79	115.56	115.87	116.06	116.11
c14	39.26	38.72	39.15	38.94	39.02	38.96	39.21	39.11	38.80	38.97	38.96	38.75	39.09	38.80	38.87	38.59	38.35	38.67	38.86	38.91
c15	51.46	50.92	51.35	51.14	51.22	51.16	51.41	51.31	51.00	51.17	51.16	50.95	51.29	51.00	51.07	50.79	50.55	50.87	51.06	51.11
c16	18.14	17.80	18.03	17.82	17.90	17.83	18.08	17.99	17.67	17.85	17.84	17.63	17.97	17.68	17.75	17.47	17.23	17.55	17.74	17.79
c17	8.84	8.31	8.73	8.52	8.61	8.54	8.79	8.70	8.38	8.56	8.55	8.34	8.68	8.39	8.46	8.17	7.94	8.25	8.44	8.49
c18	24.13	23.60	24.02	23.81	23.90	23.83	24.08	23.99	23.67	23.84	23.84	23.63	23.96	23.68	23.75	23.46	23.23	23.54	23.73	23.78
c19	48.83	48.29	48.72	48.51	48.59	48.53	48.78	48.68	48.37	48.54	48.53	48.32	48.66	48.37	48.44	48.16	47.92	48.24	48.43	48.48
c20	59.28	58.74	59.17	58.96	59.04	58.98	59.23	59.13	58.82	58.99	58.98	58.77	59.11	58.82	58.89	58.61	58.37	58.69	58.88	58.93
c21	253.79	253.25	253.68	253.47	253.56	253.49	253.74	253.65	253.33	253.50	253.50	253.29	253.62	253.33	253.40	253.12	252.89	253.20	253.39	253.44
c22	143.96	142.83	143.25	143.04	143.13	143.06	143.31	143.22	142.90	143.07	143.07	142.86	143.19	142.90	142.98	142.69	142.46	142.77	142.96	143.01
c23	96.98	96.45	96.88	96.67	96.75	96.68	96.93	96.84	96.52	96.70	96.69	96.48	96.82	96.53	96.60	96.32	96.08	96.40	96.59	96.64
c24	89.50	88.96	89.39	89.18	89.26	89.20	89.45	89.35	89.04	89.21	89.20	88.99	89.33	89.04	89.11	88.83	88.59	88.91	89.10	89.15
c25	35.43	34.99	35.32	35.11	35.20	35.13	35.38	35.29	34.97	35.14	35.14	34.92	35.26	34.97	35.04	34.76	34.53	34.84	35.03	35.08
c26	12.22	12.22	12.43	12.43	12.52	12.45	12.70	12.61	12.29	12.46	12.46	12.25	12.58	12.29	12.36	12.08	11.85	12.16	12.35	12.40
c27	8.99	8.45	8.88	8.67	8.75	8.69	8.94	8.84	8.53	8.70	8.69	8.48	8.82	8.53	8.60	8.32	8.09	8.40	8.59	8.64
c28	55.23	54.69	55.12	54.91	54.99	54.93	55.17	55.08	54.77	54.94	54.93	54.72	55.06	54.77	54.84	54.56	54.32	54.64	54.83	54.88
c29	14.86	14.32	14.75	14.54	14.62	14.56	14.81	14.71	14.40	14.57	14.56	14.35	14.69	14.40	14.47	14.19	13.96	14.27	14.46	14.51
c30	34.65	34.11	34.54	34.33	34.41	34.35	34.60	34.50	34.19	34.36	34.35	34.14	34.48	34.19	34.26	33.98	33.74	34.06	34.25	34.30
c31	56.60	56.06	56.49	56.28	56.37	56.30	56.55	56.45	56.14	56.31	56.31	56.09	56.43	56.14	56.21	55.93	55.70	56.01	56.20	56.25
c32	50.22	49.69	50.12	49.91	49.99	49.92	50.17	50.08	49.76	49.94	49.93	49.72	50.06	49.77	49.84	49.55	49.32	49.63	49.83	49.87
c33	25.86	25.33	25.75	25.54	25.63	25.56	25.81	25.72	25.40	25.57	25.57	25.36	25.69	25.40	25.47	25.19	24.96	25.27	25.46	25.51
c34	16.42	15.89	16.32	16.11	16.19	16.12	16.37	16.28	15.96	16.14	16.13	15.92	16.26	15.97	16.04	15.76	15.52	15.84	16.03	16.08
c35	51.46	50.92	51.35	51.14	51.22	51.16	51.40	51.31	51.00	51.17	51.16	50.95	51.29	51.00	51.07	50.79	50.55	50.87	51.06	51.11
c36	89.05	88.52	88.95	88.74	88.82	88.75	89.00	88.91	88.59	88.77	88.76	88.55	88.89	88.60	88.67	88.39	88.15	88.47	88.66	88.71
c37	52.76	52.23	52.65	52.44	52.53	52.46	52.71	52.62	52.30	52.47	52.47	52.26	52.59	52.30	52.38	52.09	51.86	52.17	52.36	52.41
c38	32.01	31.48	31.90	31.69	31.78	31.71	31.96	31.87	31.55	31.72	31.72	31.51	31.84	31.56	31.63	31.34	31.11	31.42	31.61	31.66
c39	79.01	78.47	78.90	78.69	78.77	78.71	78.96	78.86	78.55	78.72	78.71	78.50	78.84	78.55	78.62	78.34	78.10	78.42	78.61	78.66
c40	25.26	24.72	25.15	24.94	25.02	24.96	25.21	25.11	24.80	24.97	24.96	24.75	25.09	24.80	24.87	24.59	24.35	24.67	24.86	24.91
c41	20.23	19.69	20.12	19.91	20.00	19.93	20.18	20.08	19.77	19.94	19.93	19.72	20.06	19.77	19.84	19.56	19.33	19.64	19.83	19.88
c42	28.47	27.94	28.37	28.15	28.24	28.17	28.42	28.33	28.01	28.19	28.18	27.97	28.31	28.02	28.09	27.80	27.57	27.88	28.07	28.12
c43	43.79	43.26	43.69	43.48	43.56	43.49	43.74	43.65	43.33	43.51	43.50	43.29	43.63	43.34	43.41	43.12	42.89	43.20	43.40	43.44
c44	75.80	75.27	75.69	75.48	75.57	75.50	75.75	75.66	75.34	75.52	75.51	75.30	75.64	75.35	75.42	75.13	74.90	75.21	75.40	75.45
c45	69.64	69.11	69.53	69.32	69.41	69.34	69.59	69.50	69.18	69.35	69.35	69.14	69.47	69.18	69.25	68.97	68.74	69.05	69.24	69.29
c46	12.93	12.40	12.82	12.61	12.70	12.63	12.88	12.79	12.47	12.65	12.64	12.43	12.76	12.48	12.55	12.28	12.03	12.34	12.53	12.58
c47	315.98	315.45	315.87	315.66	315.75	315.68	315.93	315.84	315.52	315.70	315.69	315.48	315.81	315.53	315.60	315.31	315.08	315.39	315.58	315.63
c48	118.89	118.35	118.78	118.57	118.66	118.59	118.84	118.75	118.43	118.60	118.60	118.39	118.72	118.43	118.50	118.22	117.99	118.30	118.49	118.54
c49	71.47	70.94	71.36	71.15	71.24	71.17	71.42	71.33	71.01	71.19	71.18	70.97	71.31	71.02	71.09	70.80	70.57	70.88	71.07	71.12
c50	28.82	28.29	28.71	28.50	28.59	28.52	28.77	28.68	28.36	28.53	28.53	28.32	28.65	28.36	28.44	28.15	27.92	28.23	28.42	28.47
c51	84.39	83.85	84.28	84.07	84.15	84.09	84.34	84.24	83.93	84.10	84.09	83.88	84.22	83.93	84.00	83.72	83.48	83.80	83.99	84.04
c52	167.10	166.56	166.99	166.78	166.86	166.79	167.04	166.95	166.63	166.81	166.80	166.59	166.93	166.63	166.71	166.43	166.19	166.51	166.70	166.75

หมายเหตุ SUB1 หมายถึง SUBMERGE UNIT WEIGHT ค่าที่ 1-20, C1 หมายถึงค่า COHESION ค่าที่ 1-20

c53	45.12	44.59	45.02	44.81	44.89	44.82	45.07	44.98	44.66	44.84	44.83	44.62	44.96	44.67	44.74	44.45	44.22	44.53	44.73	44.77
c54	48.81	48.28	48.70	48.49	48.58	48.51	48.76	48.67	48.35	48.52	48.52	48.31	48.64	48.35	48.43	48.14	47.91	48.22	48.41	48.46
c55	34.42	33.98	34.31	34.10	34.19	34.12	34.37	34.27	33.96	34.13	34.12	33.91	34.25	33.96	33.75	33.52	33.83	34.02	34.07	34.07
c56	45.26	44.73	45.16	44.95	45.03	44.96	45.21	45.12	44.80	44.98	44.97	44.76	45.10	44.81	44.88	44.60	44.36	44.68	44.87	44.92
c57	10.36	9.82	10.25	10.04	10.12	10.06	10.31	10.21	9.90	10.07	10.06	9.85	10.19	9.90	9.97	9.69	9.45	9.77	9.96	10.01
c58	93.81	93.28	93.70	93.49	93.58	93.51	93.76	93.67	93.35	93.52	93.52	93.31	93.64	93.35	93.43	93.14	92.91	93.22	93.41	93.46
c59	14.87	14.34	14.77	14.56	14.64	14.57	14.82	14.73	14.41	14.59	14.58	14.37	14.71	14.42	14.49	14.20	13.97	14.28	14.48	14.52
c60	8.65	8.11	8.54	8.33	8.42	8.35	8.60	8.51	8.19	8.36	8.36	8.15	8.48	8.19	8.26	7.98	7.75	8.06	8.25	8.30
c61	16.18	15.64	16.07	15.86	15.95	15.88	16.13	16.04	15.72	15.89	15.89	15.68	16.01	15.72	15.79	15.51	15.28	15.59	15.78	15.83
c62	64.17	63.63	64.06	63.85	63.93	63.87	64.11	64.02	63.71	63.88	63.87	63.66	64.00	63.71	63.78	63.50	63.26	63.58	63.77	63.82
c63	18.78	18.24	18.67	18.46	18.54	18.47	18.72	18.63	18.31	18.49	18.48	18.27	18.61	18.32	18.39	18.11	17.87	18.19	18.38	18.43
c64	17.45	16.92	17.35	17.13	17.22	17.15	17.40	17.31	16.99	17.17	17.16	16.95	17.29	17.00	17.07	16.78	16.55	16.86	17.05	17.10
c65	48.47	47.94	48.37	48.16	48.24	48.17	48.42	48.33	48.01	48.19	48.18	47.97	48.31	48.02	48.09	47.80	47.57	47.88	48.12	48.18
c66	36.33	35.79	36.22	36.01	36.09	36.03	36.27	36.18	35.87	36.04	36.03	35.82	36.16	35.87	35.94	35.66	35.42	35.74	35.93	35.98
c67	142.43	141.90	142.33	142.11	142.20	142.13	142.38	142.29	141.97	142.15	142.14	141.93	142.27	141.98	142.05	141.76	141.53	141.84	142.03	142.08
c68	18.17	17.63	18.06	17.85	17.93	17.87	18.12	18.02	17.71	17.88	17.87	17.66	18.00	17.71	17.78	17.50	17.27	17.58	17.77	17.82
c69	95.52	94.98	95.41	95.20	95.29	95.22	95.47	95.37	95.06	95.23	95.23	95.01	95.35	95.06	95.13	94.85	94.62	94.93	95.12	95.17
c70	41.93	41.39	41.82	41.61	41.69	41.63	41.87	41.78	41.47	41.64	41.63	41.42	41.76	41.47	41.54	41.26	41.02	41.34	41.53	41.58
c71	18.58	18.04	18.47	18.26	18.35	18.28	18.53	18.43	18.12	18.29	18.28	18.07	18.41	18.12	18.19	17.91	17.68	17.99	18.18	18.23
c72	19.58	19.03	19.45	19.24	19.33	19.26	19.51	19.42	19.10	19.27	19.27	19.06	19.39	19.10	19.18	18.89	18.66	18.97	19.16	19.21
c73	61.13	60.60	61.02	60.81	60.90	60.83	61.08	60.99	60.67	60.85	60.84	60.63	60.96	60.68	60.75	60.46	60.23	60.54	60.73	60.78
c74	21.10	20.57	20.99	20.78	20.87	20.80	21.05	20.96	20.64	20.81	20.81	20.60	20.93	20.64	20.71	20.43	20.20	20.51	20.70	20.75
c75	124.64	124.10	124.53	124.32	124.41	124.34	124.59	124.50	124.18	124.35	124.35	124.13	124.47	124.18	124.25	123.97	123.74	124.05	124.24	124.29
c76	11.11	10.57	11.00	10.79	10.87	10.81	11.05	10.96	10.65	10.82	10.81	10.60	10.94	10.65	10.72	10.44	10.20	10.52	10.71	10.76
c77	41.99	41.46	41.89	41.68	41.76	41.69	41.94	41.85	41.53	41.71	41.70	41.49	41.83	41.54	41.61	41.32	41.09	41.40	41.60	41.64
c78	27.44	26.90	27.33	27.12	27.21	27.14	27.39	27.30	26.98	27.15	27.15	26.94	27.27	26.98	27.05	26.77	26.54	26.85	27.04	27.09
c79	37.05	36.52	36.94	36.73	36.82	36.75	37.00	36.91	36.59	36.77	36.76	36.55	36.88	36.60	36.67	36.38	36.15	36.46	36.65	36.70
c80	150.24	149.71	150.13	149.92	150.01	149.84	150.19	150.10	149.78	149.96	149.95	149.74	150.07	149.79	149.86	149.57	149.34	149.65	149.84	149.89
c81	9.99	9.46	9.88	9.67	9.76	9.69	9.94	9.85	9.53	9.70	9.70	9.49	9.82	9.53	9.61	9.32	9.09	9.40	9.59	9.64
c82	26.09	25.56	25.99	25.78	25.86	25.79	26.04	25.95	25.63	25.81	25.80	25.59	25.93	25.64	25.71	25.42	25.19	25.50	25.69	25.74
c83	41.96	41.43	41.85	41.64	41.73	41.66	41.91	41.82	41.50	41.67	41.67	41.46	41.79	41.50	41.58	41.29	41.06	41.37	41.56	41.61
c84	13.81	13.27	13.70	13.49	13.58	13.51	13.76	13.67	13.35	13.52	13.52	13.31	13.64	13.35	13.42	13.14	12.91	13.22	13.41	13.46
c85	23.41	22.88	23.30	23.09	23.18	23.11	23.36	23.27	22.95	23.12	23.12	22.91	23.24	22.96	23.03	22.74	22.51	22.82	23.01	23.06
c86	186.17	185.64	186.06	185.85	185.94	185.87	186.12	186.03	185.71	185.88	185.88	185.67	186.00	185.71	185.79	185.50	185.27	185.58	185.77	185.82
c87	32.62	32.09	32.51	32.30	32.39	32.32	32.57	32.48	32.16	32.34	32.33	32.12	32.45	32.17	32.24	31.95	31.72	32.03	32.22	32.27
c88	14.78	14.25	14.67	14.46	14.55	14.48	14.73	14.64	14.32	14.50	14.49	14.28	14.62	14.33	14.40	14.11	13.88	14.19	14.38	14.43
c89	70.22	69.68	70.11	69.90	69.99	69.92	70.17	70.07	69.76	69.93	69.93	69.71	70.05	69.76	69.83	69.55	69.32	69.63	69.82	69.87
c90	16.68	16.14	16.57	16.36	16.45	16.38	16.63	16.54	16.22	16.39	16.39	16.18	16.51	16.22	16.29	16.01	15.78	16.09	16.28	16.33
c91	121.40	120.86	121.29	121.08	121.16	121.10	121.34	121.25	120.94	121.11	121.10	120.89	121.23	120.94	121.01	120.73	120.49	120.81	121.00	121.05
c92	35.31	34.77	35.20	34.99	35.07	35.01	35.25	35.16	34.85	35.02	35.01	34.80	35.14	34.85	34.92	34.64	34.40	34.72	34.91	34.96
c93	58.10	57.56	57.99	57.78	57.87	57.80	58.05	57.96	57.64	57.81	57.81	57.60	57.93	57.64	57.71	57.43	57.20	57.51	57.70	57.75
c94	25.95	25.41	25.84	25.63	25.71	25.65	25.90	25.80	25.49	25.66	25.65	25.44	25.78	25.49	25.56	25.28	25.04	25.36	25.55	25.60
c95	13.23	12.70	13.12	12.91	13.00	12.93	13.18	13.09	12.77	12.94	12.94	12.73	13.06	12.77	12.85	12.56	12.33	12.64	12.83	12.88
c96	8.25	7.72	8.14	7.93	8.02	7.95	8.20	8.11	7.79	7.96	7.96	7.75	8.08	7.79	7.87	7.58	7.35	7.66	7.85	7.90
c97	81.40	80.87	81.30	81.08	81.17	81.10	81.35	81.26	80.94	81.12	81.11	80.90	81.24	80.95	81.02	80.73	80.50	80.81	81.00	81.05
c98	25.16	24.63	25.06	24.84	24.93	24.86	25.11	25.02	24.70	24.88	24.87	24.66	25.00	24.71	24.78	24.49	24.26	24.57	24.76	24.81
c99	115.57	115.04	115.46	115.25	115.34	115.27	115.52	115.43	115.11	115.28	115.28	115.07	115.40	115.11	115.19	110.90	110.67	110.98	111.17	111.22
c100	61.07	60.54	60.96	60.75	60.84	60.77	61.02	60.93	60.61	60.78	60.78	60.57	60.90	60.61	60.68	60.40	60.17	60.48	60.67	60.72
c101	71.28	70.74	71.17	70.96	71.05	70.98	71.23	71.13	70.82	70.99	70.99	70.77	71.11	70.82	70.89	70.81	70.38	70.69	70.88	70.93
c102	83.80	83.26	83.69	83.48	83.57	83.50	83.75	83.66	83.34	83.51	83.51	83.30	83.63	83.34	83.41	83.13	82.90	83.21	83.40	83.45
c103	44.60	44.07	44.49	44.28	44.37	44.30	44.55	44.46	44.14	44.31	44.31	44.10	44.43	44.14	44.21	44.33	43.70	44.01	44.20	44.25
c104	90.69	90.16	90.59	90.38	90.46	90.39	90.64	90.55	90.23	90.41	90.40	90.19	90.53	90.24	90.31	90.03	89.79	90.10	90.30	90.35
c105	25.72	25.18	25.61	25.40	25.49	25.42	25.67	25.58	25.26	25.43	25.43	25.22	25.55	25.26	25.33	25.05	24.82	25.13	25.32	25.37
c106	44.58	44.05	44.47	44.26	44.35	44.28	44.53	44.44	44.12	44.29	44.29	44.08	44.41	44.13	44.20	43.91	43.68	43.99	44.18	44.23
c107	49.16	48.63	49.06	48.85	48.93	48.86	49.11	49.02	48.70	48.88	48.87	48.66	49.00	48.71	48.78	48.49	48.26	48.57	48.77	48.81
c108	35.20	34.67	35.10	34.89	34.97	34.90	35.15	35.06	34.74	34.92	34.91	34.70	35.04	34.75	34.82	34.53	34.30	34.61	34.81	34.85

หมายเหตุ SUB 1 หมายถึง SUBMERGE UNIT WEIGHT คำนวณที่ C.1 หมายถึง ค่า COHESION คำนวณที่ 1

c109	26.29	25.75	26.18	25.97	26.05	25.99	26.24	26.14	25.83	26.00	25.99	25.78	26.12	25.83	25.90	25.62	25.38	25.70	25.89	25.94
c110	39.56	39.03	39.45	39.24	39.33	39.26	39.51	39.42	39.10	39.27	39.27	39.06	39.39	39.11	39.18	38.89	38.66	38.97	39.16	39.21
c111	15.78	15.24	15.67	15.46	15.54	15.48	15.73	15.63	15.32	15.49	15.48	15.27	15.61	15.32	15.39	15.11	14.88	15.19	15.38	15.43
c112	170.86	170.32	170.75	170.54	170.63	170.56	170.81	170.71	170.40	170.57	170.56	170.35	170.69	170.40	170.47	170.19	169.96	170.27	170.46	170.51
c113	15.09	14.66	14.98	14.77	14.86	14.79	15.04	14.95	14.63	14.80	14.80	14.59	14.92	14.63	14.71	14.42	14.19	14.50	14.69	14.74
c114	228.36	227.82	228.25	228.04	228.12	228.05	228.30	228.21	227.89	228.07	228.06	227.85	228.19	227.90	227.97	227.69	227.77	227.96	228.01	
c115	18.86	18.32	18.75	18.54	18.63	18.56	18.81	18.71	18.40	18.57	18.56	18.35	18.69	18.40	18.47	18.19	17.96	18.27	18.46	18.51
c116	95.21	94.67	95.10	94.89	94.97	94.91	95.16	95.06	94.75	94.92	94.91	94.70	95.04	94.75	94.82	94.54	94.30	94.62	94.81	94.86
c117	10.27	9.73	10.16	9.95	10.03	9.97	10.22	10.12	9.81	9.98	9.97	9.76	10.10	9.81	9.88	9.60	9.36	9.68	9.87	9.92
c118	151.41	150.88	151.30	151.09	151.18	151.11	151.36	151.27	150.95	151.12	151.12	150.91	151.24	150.95	151.03	150.74	150.52	150.82	151.01	151.06
c119	11.54	11.01	11.44	11.23	11.31	11.24	11.49	11.40	11.08	11.26	11.25	11.04	11.38	11.09	11.16	10.87	10.64	10.95	11.15	11.19
c120	47.41	46.88	47.31	47.10	47.18	47.11	47.36	47.27	46.95	47.13	47.12	46.91	47.25	46.96	47.03	46.74	46.51	46.82	47.02	47.06
c121	75.30	74.77	75.19	74.98	75.07	75.00	75.25	75.16	74.84	75.02	75.01	74.80	75.13	74.85	74.92	74.63	74.40	74.71	74.90	74.95
c122	69.78	69.24	69.67	69.46	69.55	69.48	69.73	69.64	69.32	69.49	69.49	69.27	69.61	69.32	69.39	69.11	88.88	69.19	69.38	69.43
c123	32.72	32.18	32.61	32.40	32.48	32.42	32.66	32.57	32.25	32.43	32.42	32.21	32.55	32.26	32.33	32.05	31.81	32.13	32.32	32.37
c124	19.69	19.16	19.58	19.37	19.46	19.39	19.64	19.55	19.23	19.40	19.40	19.19	19.52	19.24	19.31	19.02	18.79	19.10	19.29	19.34
c125	99.80	99.27	99.70	99.49	99.57	99.50	99.75	99.66	99.34	99.52	99.51	99.30	99.64	99.35	99.42	99.13	98.90	99.21	99.40	99.45
c126	43.76	43.23	43.65	43.44	43.53	43.46	43.71	43.62	43.30	43.47	43.47	43.26	43.59	43.30	43.38	43.09	42.86	43.17	43.36	43.41
c127	85.06	84.53	84.95	84.74	84.83	84.76	85.01	84.92	84.60	84.77	84.77	84.56	84.89	84.60	84.68	84.39	84.16	84.47	84.66	84.71
c128	118.68	118.14	118.56	118.36	118.44	118.37	118.62	118.53	118.21	118.39	118.38	118.17	118.51	118.22	118.29	118.01	117.77	118.09	118.28	118.33
c129	179.10	178.56	178.99	178.78	178.87	178.80	179.05	178.96	178.64	178.81	178.81	178.59	178.93	178.64	178.71	178.43	178.20	178.51	178.70	178.75
c130	38.50	37.97	38.40	38.19	38.27	38.20	38.45	38.36	38.04	38.22	38.21	38.00	38.34	38.05	38.12	37.83	37.60	37.91	38.11	38.15
c131	57.21	56.68	57.11	56.90	56.98	56.91	57.16	57.07	56.75	56.93	56.92	56.71	57.05	56.76	56.83	56.54	56.31	56.62	56.82	56.86
c132	11.92	11.39	11.82	11.61	11.69	11.62	11.87	11.78	11.46	11.64	11.63	11.42	11.76	11.47	11.54	11.25	11.02	11.33	11.53	11.57
c133	8.55	8.01	8.44	8.23	8.32	8.25	8.50	8.41	8.09	8.26	8.26	8.05	8.38	8.09	8.16	7.88	7.65	7.96	8.15	8.20
c134	230.94	230.41	230.83	230.62	230.71	230.64	230.89	230.80	230.48	230.66	230.65	230.44	230.78	230.49	230.56	230.27	230.04	230.36	230.54	230.59
c135	99.40	98.87	99.29	99.08	99.17	99.10	99.35	99.26	98.94	99.12	99.11	98.90	99.23	98.95	99.02	98.73	98.50	98.81	99.00	99.05
c136	14.39	13.85	14.28	14.07	14.16	14.09	14.34	14.24	13.93	14.10	14.10	13.88	14.22	13.93	14.00	13.72	13.49	13.80	13.99	14.04
c137	17.33	16.80	17.23	17.02	17.10	17.03	17.28	17.19	16.87	17.05	17.04	16.83	17.17	16.88	16.95	16.67	16.43	16.75	16.84	16.89
c138	44.81	44.27	44.70	44.49	44.58	44.51	44.76	44.67	44.35	44.52	44.52	44.31	44.64	44.34	44.42	44.14	43.91	44.22	44.41	44.46
c139	166.65	166.11	166.54	166.33	166.41	166.35	166.60	166.50	166.18	166.35	166.35	166.14	166.48	166.19	166.26	165.98	165.74	166.06	166.25	166.30
c140	45.46	44.93	45.35	45.14	45.23	45.16	45.41	45.32	45.00	45.18	45.17	44.96	45.30	45.01	45.08	44.79	44.56	44.87	45.06	45.11
c141	150.88	150.35	150.77	150.56	150.65	150.58	150.83	150.74	150.42	150.59	150.59	150.38	150.71	150.42	150.50	150.21	149.98	150.29	150.48	150.53
c142	41.78	41.25	41.68	41.46	41.55	41.48	41.73	41.64	41.32	41.50	41.49	41.28	41.62	41.33	41.40	41.11	40.88	41.19	41.38	41.43
c143	10.74	10.20	10.63	10.42	10.50	10.44	10.69	10.59	10.28	10.45	10.44	10.23	10.57	10.28	10.35	10.07	9.83	10.15	10.34	10.39
c144	18.46	17.93	18.36	18.14	18.23	18.16	18.41	18.32	18.00	18.18	18.17	17.96	18.30	18.01	18.08	17.79	17.56	17.87	18.06	18.11
c145	45.57	45.04	45.46	45.25	45.34	45.27	45.52	45.43	45.11	45.29	45.28	45.07	45.40	45.12	45.19	44.90	44.67	44.98	45.17	45.22
c146	21.64	21.11	21.54	21.33	21.41	21.34	21.59	21.50	21.18	21.36	21.35	21.14	21.48	21.19	21.26	20.97	20.74	21.05	21.24	21.29
c147	9.40	8.87	9.30	9.09	9.17	9.10	9.35	9.26	8.94	9.12	9.11	8.90	9.24	8.95	9.02	8.73	8.50	8.81	9.01	9.05
c148	37.17	36.63	37.06	36.85	36.93	36.87	37.11	37.02	36.71	36.88	36.87	36.66	37.00	36.71	36.78	36.50	36.26	36.58	36.77	36.82
c149	47.11	46.58	47.01	46.79	46.88	46.81	47.05	46.97	46.65	46.83	46.82	46.61	46.95	46.66	46.73	46.44	46.21	46.52	46.71	46.76
c150	69.27	68.73	69.16	68.95	69.04	68.97	69.22	69.13	68.81	68.98	68.98	68.77	69.10	68.81	68.88	68.60	68.37	68.68	68.87	68.92
c151	28.22	27.69	28.11	27.90	27.99	27.92	28.17	28.08	27.76	27.94	27.93	27.72	28.06	27.77	27.84	27.55	27.32	27.63	27.82	27.87
c152	128.42	127.89	128.32	128.11	128.19	128.12	128.37	128.28	127.96	128.14	128.13	127.92	128.26	127.97	128.04	127.75	127.52	127.83	128.02	128.07
c153	30.12	29.58	30.01	29.80	29.88	29.82	30.07	29.97	29.66	29.83	29.82	29.61	29.95	29.66	29.73	29.45	29.21	29.53	29.72	29.77
c154	40.82	40.28	40.71	40.50	40.58	40.52	40.76	40.67	40.36	40.53	40.52	40.31	40.65	40.36	40.43	40.15	39.91	40.23	40.42	40.47
c155	9.37	8.84	9.27	9.06	9.14	9.07	9.32	9.23	8.91	9.09	9.08	8.87	9.21	8.92	8.99	8.70	8.47	8.78	8.98	9.02
c156	60.62	60.08	60.51	60.30	60.38	60.32	60.57	60.47	60.16	60.33	60.32	60.11	60.45	60.16	60.23	59.95	59.71	60.03	60.22	60.27
c157	80.91	80.38	80.81	80.60	80.68	80.61	80.86	80.77	80.45	80.63	80.62	80.41	80.75	80.46	80.53	80.25	80.01	80.33	80.52	80.57
c158	47.45	46.92	47.34	47.13	47.22	47.15	47.40	47.31	46.99	47.16	47.16	46.96	47.28	46.99	47.07	46.78	46.55	46.86	47.05	47.10
c159	212.34	211.80	212.23	212.02	212.11	212.04	212.29	212.19	211.88	212.05	212.04	211.83	212.17	211.88	211.95	211.67	211.44	211.75	211.94	211.99
c160	17.74	17.21	17.64	17.43	17.51	17.44	17.69	17.60	17.28	17.46	17.45	17.24	17.58	17.29	17.36	17.07	16.84	17.15	17.35	17.39
c161	30.09	29.55	29.98	29.77	29.85	29.79	30.04	29.94	29.63	29.80	29.79	29.58	29.92	29.63	29.70	29.42	29.18	29.50	29.69	29.74
c162	10.02	9.49	9.92	9.70	9.79	9.72	9.97	9.88	9.56	9.74	9.73	9.52	9.86	9.57	9.64	9.35	9.12	9.43	9.62	9.67
c163	42.53	41.99	42.42	42.21	42.29	42.23	42.48	42.38	42.07	42.24	42.23	42.02	42.36	42.07	42.14	41.86	41.62	41.94	42.13	42.18
c164	105.18	104.65	105.07	104.86	104.95	104.88	105.13	105.04	104.72	104.89	104.89	104.68	105.01	104.72	104.79	104.51	104.28	104.59	104.78	104.83
c165	50.04	49.50	49.93	49.72	49.80	49.74	49.98	49.89	49.58	49.75	49.74	49.53	49.87	49.58	49.65	49.37	49.13	49.45	49.64	49.69

หมายเหตุ SUBI หมายถึงค่า SUBMERGE UNIT WEIGHT ลำดับที่ C.1 หมายถึง ค่า COHESION ลำดับที่ 1

c166	79.44	78.90	79.33	79.12	79.20	79.14	79.39	79.29	78.98	79.15	79.14	78.93	79.27	78.98	79.05	78.77	78.53	78.85	79.04	79.09
c167	137.88	137.34	137.77	137.56	137.64	137.58	137.83	137.73	137.42	137.59	137.58	137.37	137.71	137.42	137.49	137.21	136.97	137.29	137.48	137.53
c168	191.51	190.97	191.40	191.19	191.27	191.21	191.46	191.36	191.05	191.22	191.21	191.00	191.34	191.05	191.12	190.84	190.60	190.92	191.11	191.16
c169	50.72	50.19	50.62	50.41	50.49	50.42	50.67	50.58	50.26	50.44	50.43	50.22	50.56	50.27	50.34	50.06	49.82	50.14	50.33	50.38
c170	206.56	206.03	206.45	206.24	206.33	206.26	206.51	206.42	206.10	206.27	206.27	206.06	206.39	206.10	206.17	205.89	205.66	205.97	206.16	206.21
c171	88.47	87.94	88.37	88.16	88.24	88.17	88.42	88.33	88.01	88.19	88.18	87.87	88.31	88.02	88.09	87.80	87.57	87.88	88.08	88.12
c172	72.30	71.76	72.19	71.98	72.06	72.00	72.24	72.15	71.84	72.01	72.00	71.79	72.13	71.84	71.91	71.63	71.39	71.71	71.90	71.95
c173	41.55	41.02	41.44	41.23	41.32	41.25	41.50	41.41	41.09	41.26	41.26	41.05	41.38	41.09	41.16	40.88	40.65	40.96	41.15	41.20
c174	40.95	40.46	40.88	40.67	40.76	40.69	40.94	40.85	40.53	40.71	40.70	40.49	40.83	40.54	40.61	40.32	40.09	40.40	40.59	40.64
c175	20.73	20.19	20.62	20.41	20.49	20.43	20.67	20.58	20.27	20.44	20.43	20.22	20.56	20.27	20.34	20.06	19.82	20.14	20.33	20.38
c176	107.82	107.29	107.72	107.51	107.59	107.52	107.77	107.68	107.36	107.54	107.53	107.32	107.66	107.37	107.44	107.15	106.92	107.23	107.43	107.47
c177	32.12	31.58	32.01	31.80	31.88	31.82	32.07	31.97	31.66	31.83	31.82	31.61	31.95	31.66	31.73	31.45	31.21	31.53	31.72	31.77
c178	158.43	157.90	158.33	158.12	158.20	158.13	158.38	158.29	157.97	158.15	158.14	157.93	158.27	157.98	158.05	157.77	157.53	157.84	158.04	158.09
c179	17.71	17.18	17.61	17.40	17.48	17.41	17.66	17.57	17.25	17.43	17.42	17.21	17.55	17.26	17.33	17.05	16.81	17.12	17.32	17.37
c180	21.12	20.58	21.01	20.80	20.89	20.82	21.07	20.98	20.66	20.83	20.83	20.62	20.95	20.66	20.73	20.45	20.22	20.53	20.72	20.77
c181	90.92	90.39	90.81	90.60	90.69	90.62	90.87	90.78	90.46	90.63	90.63	90.42	90.75	90.46	90.54	90.25	90.02	90.33	90.52	90.57
c182	24.31	23.78	24.20	23.99	24.08	24.01	24.26	24.17	23.85	24.03	24.02	23.81	24.14	23.86	23.93	23.64	23.41	23.72	23.91	23.96
c183	133.15	132.62	133.05	132.83	132.92	132.85	133.10	132.99	132.67	132.87	132.86	132.65	132.99	132.70	132.77	132.48	132.25	132.56	132.75	132.80
c184	101.65	101.11	101.54	101.33	101.41	101.35	101.59	101.50	101.19	101.36	101.35	101.14	101.48	101.19	101.26	100.98	100.74	101.06	101.25	101.30
c185	13.39	12.86	13.28	13.07	13.16	13.09	13.34	13.25	12.93	13.10	13.10	12.89	13.22	12.93	13.01	12.72	12.49	12.80	12.99	13.04
c186	52.28	51.73	52.16	51.95	52.03	51.96	52.21	52.12	51.80	51.97	51.97	51.76	52.10	51.81	51.88	51.59	51.36	51.67	51.87	51.91
c187	67.85	67.32	67.74	67.53	67.62	67.55	67.80	67.71	67.39	67.57	67.56	67.35	67.68	67.40	67.47	67.18	66.95	67.26	67.45	67.50
c188	22.25	21.71	22.14	21.93	22.02	21.95	22.20	22.11	21.79	21.96	21.96	21.74	22.08	21.79	21.86	21.58	21.35	21.66	21.85	21.90
c189	46.34	45.80	46.23	46.02	46.10	46.04	46.29	46.19	45.88	46.05	46.04	45.83	46.17	45.88	45.95	45.67	45.43	45.75	45.94	45.99
c190	13.14	12.60	13.03	12.82	12.91	12.84	13.09	12.99	12.68	12.85	12.85	12.63	12.97	12.68	12.75	12.47	12.24	12.55	12.74	12.79
c191	22.82	22.28	22.71	22.50	22.58	22.51	22.76	22.67	22.35	22.53	22.52	22.31	22.65	22.36	22.43	22.15	21.91	22.23	22.44	22.47
c192	20.84	20.30	20.73	20.52	20.61	20.54	20.79	20.70	20.38	20.55	20.55	20.34	20.67	20.38	20.45	20.17	19.94	20.25	20.44	20.49
c193	188.47	187.94	188.37	188.16	188.24	188.17	188.42	188.33	188.01	188.19	188.18	187.97	188.31	188.02	188.09	187.81	187.57	187.89	188.08	188.13
c194	210.70	210.17	210.60	210.39	210.47	210.40	210.65	210.56	210.24	210.42	210.41	210.20	210.54	210.25	210.32	210.03	209.80	210.11	210.31	210.35
c195	86.37	85.84	86.26	86.05	86.14	86.07	86.32	86.23	85.91	86.08	86.08	85.87	86.20	85.91	85.98	85.70	85.47	85.78	85.97	86.02
c196	25.12	24.58	25.01	24.80	24.89	24.82	25.07	24.98	24.66	24.83	24.83	24.62	24.95	24.66	24.73	24.45	24.22	24.53	24.72	24.77
c197	7.84	7.30	7.73	7.52	7.60	7.54	7.79	7.69	7.38	7.55	7.54	7.33	7.67	7.38	7.45	7.17	6.93	7.25	7.44	7.49
c198	67.20	66.66	67.09	66.88	66.96	66.90	67.15	67.05	66.74	66.91	66.90	66.69	67.03	66.74	66.81	66.53	66.29	66.61	66.80	66.85
c199	218.50	217.97	218.40	218.19	218.27	218.20	218.45	218.36	218.04	218.22	218.21	218.00	218.34	218.05	218.12	217.83	217.60	217.91	218.11	218.15
c200	72.35	71.81	72.24	72.03	72.11	72.05	72.30	72.20	71.89	72.06	72.05	71.84	72.18	71.89	71.96	71.68	71.44	71.76	71.95	72.00
c201	132.97	132.44	132.86	132.65	132.74	132.67	132.92	132.83	132.51	132.69	132.68	132.47	132.80	132.52	132.59	132.30	132.07	132.38	132.57	132.62
c202	14.79	14.26	14.69	14.48	14.56	14.49	14.74	14.65	14.33	14.51	14.50	14.29	14.63	14.34	14.41	14.13	13.89	14.21	14.40	14.45
c203	23.75	23.22	23.65	23.44	23.52	23.45	23.70	23.61	23.29	23.47	23.46	23.25	23.59	23.30	23.37	23.08	22.85	23.16	23.35	23.40
c204	27.56	27.03	27.45	27.24	27.33	27.26	27.51	27.42	27.10	27.28	27.27	27.06	27.40	27.11	27.18	26.89	26.66	26.97	27.16	27.21
c205	141.98	141.45	141.88	141.67	141.75	141.68	141.93	141.84	141.52	141.70	141.69	141.48	141.82	141.53	141.60	141.31	141.08	141.39	141.58	141.63
c206	10.65	10.12	10.54	10.33	10.42	10.35	10.60	10.51	10.19	10.37	10.36	10.15	10.48	10.20	10.27	9.98	9.75	10.06	10.25	10.30
c207	285.05	284.52	284.95	284.74	284.82	284.75	285.00	284.91	284.59	284.77	284.76	284.55	284.89	284.60	284.67	284.38	284.15	284.46	284.65	284.70
c208	52.28	51.75	52.18	51.97	52.05	51.98	52.23	52.14	51.82	52.00	51.99	51.78	52.12	51.83	51.90	51.62	51.38	51.70	51.89	51.94
c209	32.09	31.56	31.99	31.77	31.86	31.79	32.04	31.95	31.63	31.81	31.80	31.59	31.93	31.64	31.71	31.42	31.19	31.50	31.69	31.74
c210	50.40	49.86	50.29	50.08	50.17	50.10	50.35	50.26	49.94	50.11	50.11	49.89	50.23	49.94	50.01	49.73	49.50	49.81	50.00	50.05
c211	192.75	192.21	192.64	192.43	192.51	192.45	192.69	192.60	192.28	192.46	192.45	192.24	192.58	192.29	192.36	192.08	191.84	192.16	192.35	192.40
c212	48.23	47.69	48.12	47.91	47.99	47.92	48.17	48.08	47.77	47.94	47.93	47.72	48.06	47.77	47.84	47.56	47.32	47.64	47.83	47.88
c213	8.29	7.75	8.18	7.97	8.06	7.99	8.24	8.14	7.83	8.00	8.00	7.78	8.12	7.83	7.90	7.62	7.39	7.70	7.89	7.94
c214	136.08	135.54	135.97	135.76	135.84	135.78	136.02	135.93	135.62	135.79	135.78	135.57	135.91	135.62	135.69	135.41	135.17	135.49	135.68	135.73
c215	170.32	169.79	170.21	170.00	170.09	170.02	170.27	170.18	169.86	170.03	170.03	169.82	170.15	169.86	169.94	169.62	169.73	169.92	169.97	169.97
c216	15.03	14.50	14.92	14.71	14.80	14.73	14.98	14.89	14.57	14.74	14.74	14.53	14.86	14.58	14.65	14.36	14.13	14.44	14.63	14.68
c217	13.28	12.75	13.17	12.96	13.05	12.98	13.23	13.14	12.82	12.99	12.99	12.78	13.11	12.82	12.90	12.61	12.38	12.69	12.88	12.93
c218	46.41	45.87	46.30	46.09	46.18	46.11	46.36	46.26	45.95	46.12	46.12	45.90	46.24	45.92	46.02	45.74	45.51	45.82	46.01	46.06
c219	12.28	11.74	12.17	11.96	12.05	11.98	12.23	12.14	11.82	11.99	11.99	11.77	12.11	11.82	11.89	11.61	11.38	11.69	11.88	11.93
c220	25.36	24.83	25.26	25.05	25.13	25.06	25.31	25.22	24.90	25.08	25.07	24.86	25.20	24.91	24.88	24.69	24.46	24.77	24.96	25.01
c221	79.00	78.47	78.90	78.68	78.77	78.70	78.95	78.86	78.54	78.72	78.71	78.50	78.84	78.55	78.62	78.33	78.10	78.41	78.60	78.65

หมายเหตุ SUB1 หมายถึงค่า SUBMERGE UNIT WEIGHT คำนวณที่ COHESION ค่าเท่ากับ 1

c222	25.75	25.21	25.64	25.43	25.51	25.45	25.70	25.60	25.29	25.46	25.45	25.24	25.58	25.29	25.36	25.08	24.84	25.16	25.35	25.40
c223	253.36	252.83	253.25	253.04	253.13	253.06	253.31	253.22	252.90	253.07	253.07	252.86	253.19	252.90	252.97	252.69	252.46	252.77	252.96	253.01
c224	123.51	122.97	123.40	123.20	123.28	123.21	123.46	123.37	123.05	123.22	123.22	123.00	123.34	123.05	123.12	122.84	122.61	122.92	123.11	123.16
c225	13.33	12.80	13.22	13.01	13.10	13.03	13.28	13.19	12.87	13.04	13.04	12.83	13.16	12.87	12.95	12.66	12.43	12.74	12.93	12.98
c226	67.25	66.72	67.14	66.93	67.02	66.95	67.20	67.11	66.79	66.96	66.96	66.75	67.08	66.79	66.87	66.58	66.35	66.66	66.85	66.90
c227	40.99	40.46	40.89	40.68	40.76	40.69	40.94	40.85	40.53	40.71	40.70	40.49	40.83	40.54	40.61	40.33	40.09	40.41	40.60	40.65
c228	17.44	16.91	17.33	17.12	17.21	17.14	17.39	17.30	16.98	17.15	17.15	16.94	17.27	16.98	17.06	16.77	16.54	16.85	17.04	17.09
c229	53.63	53.10	53.53	53.31	53.40	53.33	53.58	53.49	53.17	53.35	53.34	53.13	53.47	53.18	53.25	52.96	52.73	53.04	53.23	53.28
c230	17.26	16.72	17.15	16.94	17.03	16.96	17.21	17.11	16.80	16.97	16.96	16.75	17.09	16.80	16.87	16.59	16.36	16.67	16.86	16.91
c231	106.43	107.89	108.32	108.11	108.19	108.13	108.37	108.28	107.97	108.14	108.13	107.92	108.26	107.97	108.04	107.76	107.52	107.84	108.03	108.08
c232	61.00	60.46	60.89	60.68	60.76	60.69	60.94	60.85	60.53	60.71	60.70	60.49	60.83	60.54	60.61	60.33	60.09	60.41	60.60	60.65
c233	70.61	70.08	70.51	70.29	70.38	70.31	70.56	70.47	70.15	70.32	70.32	70.11	70.44	70.15	70.23	69.94	69.71	70.02	70.21	70.26
c234	24.78	24.24	24.67	24.46	24.55	24.48	24.73	24.64	24.32	24.49	24.49	24.28	24.61	24.32	24.39	24.11	23.88	24.19	24.38	24.43
c235	25.85	25.32	25.74	25.53	25.62	25.55	25.80	25.71	25.39	25.57	25.56	25.35	25.69	25.40	25.47	25.18	24.95	25.26	25.45	25.50
c236	23.55	23.02	23.44	23.23	23.32	23.25	23.50	23.41	23.09	23.26	23.26	23.05	23.38	23.09	23.16	22.88	22.65	22.96	23.15	23.20
c237	316.02	317.48	317.91	317.70	317.79	317.72	317.97	317.88	317.56	317.73	317.73	317.52	317.85	317.56	317.63	317.35	317.12	317.43	317.62	317.67
c238	125.12	124.59	125.01	124.80	124.89	124.82	125.07	124.98	124.66	124.83	124.83	124.62	124.95	124.66	124.74	124.45	124.22	124.53	124.72	124.77
c239	232.55	232.02	232.44	232.23	232.32	232.25	232.50	232.41	232.09	232.26	232.26	232.05	232.38	232.09	232.16	231.88	231.65	231.96	232.15	232.20
c240	42.05	41.51	41.94	41.73	41.82	41.75	42.00	41.90	41.59	41.76	41.76	41.54	41.88	41.59	41.66	41.38	41.15	41.46	41.65	41.70
c241	18.07	17.53	17.96	17.75	17.83	17.77	18.02	17.92	17.61	17.78	17.77	17.56	17.90	17.61	17.68	17.40	17.17	17.48	17.67	17.72
c242	16.89	16.35	16.78	16.57	16.66	16.59	16.84	16.75	16.43	16.60	16.60	16.39	16.72	16.43	16.50	16.22	15.99	16.30	16.49	16.54
c243	22.64	22.11	22.54	22.32	22.41	22.34	22.59	22.50	22.18	22.36	22.35	22.14	22.48	22.19	22.26	21.97	21.74	22.05	22.24	22.29
c244	37.99	37.46	37.88	37.67	37.76	37.69	37.94	37.85	37.53	37.70	37.70	37.49	37.82	37.54	37.61	37.32	37.09	37.40	37.59	37.64
c245	207.51	206.97	207.40	207.19	207.27	207.21	207.46	207.36	207.05	207.22	207.21	207.00	207.34	207.05	207.12	206.84	206.60	206.92	207.11	207.16
c246	22.15	21.62	22.04	21.83	21.92	21.85	22.10	22.01	21.69	21.86	21.86	21.65	21.98	21.69	21.77	21.48	21.25	21.56	21.75	21.80
c247	13.89	13.35	13.78	13.57	13.65	13.59	13.84	13.74	13.43	13.60	13.60	13.38	13.72	13.43	13.50	13.22	12.98	13.30	13.49	13.54
c248	134.17	133.64	134.06	133.85	133.94	133.87	134.12	134.03	133.71	133.88	133.88	133.67	134.00	133.71	133.79	133.50	133.27	133.58	133.77	133.82
c249	14.16	13.63	14.06	13.85	13.93	13.86	14.11	14.02	13.70	13.88	13.87	13.66	14.00	13.71	13.78	13.49	13.26	13.57	13.77	13.81
c250	113.87	113.34	113.76	113.55	113.64	113.57	113.82	113.73	113.41	113.59	113.58	113.37	113.70	113.42	113.49	113.20	112.97	113.28	113.47	113.52
c251	123.98	123.44	123.87	123.66	123.74	123.68	123.92	123.83	123.52	123.69	123.68	123.47	123.81	123.52	123.59	123.31	123.07	123.39	123.58	123.63
c252	13.68	13.14	13.57	13.36	13.44	13.38	13.63	13.53	13.22	13.39	13.38	13.17	13.51	13.22	13.29	13.01	12.77	13.09	13.28	13.33
c253	112.59	112.05	112.48	112.27	112.35	112.29	112.53	112.44	112.12	112.30	112.29	112.08	112.42	112.13	112.20	111.92	111.68	112.00	112.19	112.24
c254	117.61	117.08	117.51	117.30	117.38	117.31	117.56	117.47	117.15	117.33	117.32	117.11	117.45	117.16	117.23	116.95	116.71	117.03	117.22	117.27
c255	11.65	11.11	11.54	11.33	11.42	11.35	11.60	11.51	11.19	11.36	11.36	11.15	11.48	11.19	11.26	10.98	10.75	11.06	11.25	11.30
c256	52.77	52.24	52.67	52.46	52.54	52.47	52.72	52.63	52.31	52.49	52.48	52.27	52.61	52.32	52.39	52.10	51.87	52.18	52.38	52.42

หมายเหตุ SUB1 หมายถึงทำ SUBMERGE UNIT WEIGHT ล้ำดับที่ 1, C) หมายถึงทำ COHESION ล้ำดับที่ 1

ภาคผนวก ข

คำนวณค่า ULTIMATE BEARING CAPACITY ของดินเหนียว ประเภท CL ที่ใช้ตามแบบคำนวณจาก MICROSOFT EXCEL ที่ความลึก 2.50 เมตร ( D<sub>o</sub> = 2.50 ม.)  
 SUBMERGE UNIT WEIGHT สำหรับที่ 1-4

TYPE FOOTING : SQUARE FOUNDATION

$$q_u = 1.3cN_c + qN_u + 0.4\gamma N_u$$

FRICITION ANGLE = 0

N<sub>c</sub> = 5.7

N<sub>q</sub> = 1

N<sub>γ</sub> = 0

D<sub>f</sub> = 2.5 m.

ลำดับที่	SUBMERGED UNIT WEIGHT T/M <sup>3</sup>	COHESION T/M <sup>2</sup>	q <sub>u</sub> T/M <sup>2</sup>	ลำดับที่	SUBMERGED UNIT WEIGHT T/M <sup>3</sup>	COHESION T/M <sup>2</sup>	q <sub>u</sub> T/M <sup>2</sup>	ลำดับที่	SUBMERGED UNIT WEIGHT T/M <sup>3</sup>	COHESION T/M <sup>2</sup>	q <sub>u</sub> T/M <sup>2</sup>	ลำดับที่	SUBMERGED UNIT WEIGHT T/M <sup>3</sup>	COHESION T/M <sup>2</sup>	q <sub>u</sub> T/M <sup>2</sup>	ลำดับที่	SUBMERGED UNIT WEIGHT T/M <sup>3</sup>	COHESION T/M <sup>2</sup>	q <sub>u</sub> T/M <sup>2</sup>
1	1.06	1	214.33	2	0.84	1	213.80	3	1.01	1	29	214.22	4	0.93	1	29	214.01		
1	1.06	2	29.47	2	0.84	2	28.94	3	1.01	2	4	29.36	4	0.93	2	4	29.15		
1	1.06	3	143.06	2	0.84	3	142.52	3	1.01	3	19	142.95	4	0.93	3	19	142.74		
1	1.06	4	67.29	2	0.84	4	66.76	3	1.01	4	9	67.19	4	0.93	4	9	66.98		
1	1.06	5	92.77	2	0.84	5	92.23	3	1.01	5	12	92.66	4	0.93	5	12	92.45		
1	1.06	6	72.24	2	0.84	6	71.70	3	1.01	6	9	72.13	4	0.93	6	9	71.92		
1	1.06	7	175.40	2	0.84	7	174.87	3	1.01	7	23	175.29	4	0.93	7	23	175.08		
1	1.06	8	126.41	2	0.84	8	125.88	3	1.01	8	17	126.31	4	0.93	8	17	126.09		
1	1.06	9	38.68	2	0.84	9	38.14	3	1.01	9	5	38.57	4	0.93	9	5	38.36		
1	1.06	10	76.12	2	0.84	10	75.58	3	1.01	10	10	76.01	4	0.93	10	10	75.80		
1	1.06	11	74.31	2	0.84	11	73.78	3	1.01	11	11	74.20	4	0.93	11	11	73.99		
1	1.06	12	4	2	0.84	12	4	3	1.01	12	4	32.86	4	0.93	12	4	32.65		
1	1.06	13	116.46	2	0.84	13	115.92	3	1.01	13	15	116.35	4	0.93	13	15	116.14		
1	1.06	14	39.26	2	0.84	14	38.72	3	1.01	14	5	39.15	4	0.93	14	5	38.94		
1	1.06	15	51.46	2	0.84	15	50.92	3	1.01	15	7	51.35	4	0.93	15	7	51.14		
1	1.06	16	2	2	0.84	16	2	3	1.01	16	2	18.03	4	0.93	16	2	17.82		
1	1.06	17	8.84	2	0.84	17	8.31	3	1.01	17	1	8.73	4	0.93	17	1	8.52		
1	1.06	18	3	24.13	2	0.84	3	23.60	3	1.01	18	3	24.02	4	0.93	18	3	23.81	
1	1.06	19	48.83	2	0.84	19	48.29	3	1.01	19	6	48.72	4	0.93	19	6	48.51		
1	1.06	20	59.28	2	0.84	20	58.74	3	1.01	20	8	59.17	4	0.93	20	8	58.96		
1	1.06	21	253.79	2	0.84	21	253.25	3	1.01	21	34	253.68	4	0.93	21	34	253.47		
1	1.06	22	143.36	2	0.84	22	142.83	3	1.01	22	19	143.25	4	0.93	22	19	143.04		
1	1.06	23	13	96.98	2	0.84	13	96.45	3	1.01	23	13	96.86	4	0.93	23	13	96.67	
1	1.06	24	12	89.50	2	0.84	12	88.96	3	1.01	24	12	89.39	4	0.93	24	12	89.18	
1	1.06	25	4	35.43	2	0.84	4	34.89	3	1.01	25	4	35.32	4	0.93	25	4	35.11	
1	1.06	26	1	12.75	2	0.84	1	12.22	3	1.01	26	1	12.64	4	0.93	26	1	12.43	
1	1.06	27	1	8.99	2	0.84	1	8.45	3	1.01	27	1	8.88	4	0.93	27	1	8.67	
1	1.06	28	7	55.23	2	0.84	7	54.69	3	1.01	28	7	55.12	4	0.93	28	7	54.91	
1	1.06	29	2	14.86	2	0.84	2	14.32	3	1.01	29	2	14.75	4	0.93	29	2	14.54	
1	1.06	30	4	34.65	2	0.84	4	34.11	3	1.01	30	4	34.54	4	0.93	30	4	34.33	
1	1.06	31	7	56.60	2	0.84	7	56.06	3	1.01	31	7	56.49	4	0.93	31	7	56.28	
1	1.06	32	6	50.22	2	0.84	6	49.69	3	1.01	32	6	50.12	4	0.93	32	6	49.91	
1	1.06	33	3	25.86	2	0.84	3	25.33	3	1.01	33	3	25.75	4	0.93	33	3	25.54	
1	1.06	34	2	16.42	2	0.84	2	15.89	3	1.01	34	2	16.32	4	0.93	34	2	16.11	
1	1.06	35	7	51.46	2	0.84	7	50.92	3	1.01	35	7	51.35	4	0.93	35	7	51.14	
1	1.06	36	12	89.05	2	0.84	12	88.52	3	1.01	36	12	88.95	4	0.93	36	12	88.74	
1	1.06	37	7	52.76	2	0.84	7	52.23	3	1.01	37	7	52.65	4	0.93	37	7	52.44	
1	1.06	38	4	32.01	2	0.84	4	31.48	3	1.01	38	4	31.90	4	0.93	38	4	31.69	
1	1.06	39	10	79.01	2	0.84	10	78.47	3	1.01	39	10	78.90	4	0.93	39	10	78.69	
1	1.06	40	3	25.26	2	0.84	3	24.72	3	1.01	40	3	25.15	4	0.93	40	3	24.94	
1	1.06	41	2	20.23	2	0.84	2	19.69	3	1.01	41	2	20.12	4	0.93	41	2	19.91	
1	1.06	42	3	28.47	2	0.84	3	27.94	3	1.01	42	3	28.37	4	0.93	42	3	28.15	

1	1.06	43	6	43.79
1	1.06	44	10	75.80
1	1.06	45	9	69.64
1	1.06	46	1	12.93
1	1.06	47	42	315.98
1	1.06	48	16	118.89
1	1.06	49	9	71.47
1	1.06	50	4	28.82
1	1.06	51	11	84.39
1	1.06	52	22	167.10
1	1.06	53	6	45.12
1	1.06	54	6	48.81
1	1.06	55	4	34.42
1	1.06	56	6	45.26
1	1.06	57	1	10.36
1	1.06	58	12	93.81
1	1.06	59	2	14.87
1	1.06	60	1	8.85
1	1.06	61	2	16.18
1	1.06	62	8	84.17
1	1.06	63	2	18.78
1	1.06	64	2	17.45
1	1.06	65	6	48.47
1	1.06	66	5	36.33
1	1.06	67	19	142.43
1	1.06	68	2	18.17
1	1.06	69	13	95.52
1	1.06	70	5	41.93
1	1.06	71	2	18.58
1	1.06	72	2	19.56
1	1.06	73	8	61.13
1	1.06	74	2	21.10
1	1.06	75	16	124.64
1	1.06	76	1	11.11
1	1.06	77	5	41.99
1	1.06	78	3	27.41
1	1.06	79	5	37.05
1	1.06	80	20	150.24
1	1.06	81	1	9.99
1	1.06	82	3	26.09
1	1.06	83	5	41.96
1	1.06	84	2	13.81
1	1.06	85	3	23.41
1	1.06	86	25	186.17
1	1.06	87	4	32.62
1	1.06	88	2	14.78
1	1.06	89	9	70.22
1	1.06	90	2	16.68
1	1.06	91	16	121.40
1	1.06	92	4	35.31
1	1.06	93	7	56.10
1	1.06	94	3	25.95
1	1.06	95	1	13.23
1	1.06	96	1	8.25

2	0.84	43	6	43.26
2	0.84	44	10	75.27
2	0.84	45	9	69.11
2	0.84	46	1	12.40
2	0.84	47	42	315.45
2	0.84	48	16	118.35
2	0.84	49	9	70.94
2	0.84	50	4	28.29
2	0.84	51	11	83.85
2	0.84	52	22	166.56
2	0.84	53	6	44.59
2	0.84	54	6	48.28
2	0.84	55	4	33.88
2	0.84	56	6	44.73
2	0.84	57	1	9.82
2	0.84	58	12	93.28
2	0.84	59	2	14.34
2	0.84	60	1	8.11
2	0.84	61	2	15.64
2	0.84	62	8	63.63
2	0.84	63	2	18.24
2	0.84	64	2	16.92
2	0.84	65	6	47.94
2	0.84	66	5	35.79
2	0.84	67	19	141.90
2	0.84	68	2	11.63
2	0.84	69	13	94.98
2	0.84	70	5	41.39
2	0.84	71	2	18.04
2	0.84	72	2	19.03
2	0.84	73	8	60.00
2	0.84	74	2	20.57
2	0.84	75	16	124.10
2	0.84	76	1	10.57
2	0.84	77	5	41.46
2	0.84	78	3	28.90
2	0.84	79	5	36.52
2	0.84	80	20	148.71
2	0.84	81	1	9.46
2	0.84	82	3	25.56
2	0.84	83	5	41.43
2	0.84	84	2	13.27
2	0.84	85	3	22.88
2	0.84	86	25	185.64
2	0.84	87	4	32.09
2	0.84	88	2	14.25
2	0.84	89	9	69.66
2	0.84	90	2	16.14
2	0.84	91	16	120.86
2	0.84	92	4	34.77
2	0.84	93	7	57.56
2	0.84	94	3	25.41
2	0.84	95	1	12.70
2	0.84	96	1	7.72

3	1.01	43	6	43.69
3	1.01	44	10	75.69
3	1.01	45	9	69.53
3	1.01	46	1	12.82
3	1.01	47	42	315.87
3	1.01	48	16	118.78
3	1.01	49	9	71.36
3	1.01	50	4	28.71
3	1.01	51	11	84.28
3	1.01	52	22	166.99
3	1.01	53	6	45.02
3	1.01	54	6	48.70
3	1.01	55	4	34.31
3	1.01	56	6	45.16
3	1.01	57	1	10.25
3	1.01	58	12	93.70
3	1.01	59	2	14.77
3	1.01	60	1	8.54
3	1.01	61	2	16.07
3	1.01	62	8	64.06
3	1.01	63	2	16.67
3	1.01	64	2	17.35
3	1.01	65	6	48.37
3	1.01	66	5	36.22
3	1.01	67	19	142.33
3	1.01	68	2	18.06
3	1.01	69	13	95.41
3	1.01	70	5	41.82
3	1.01	71	2	16.47
3	1.01	72	2	19.45
3	1.01	73	8	61.02
3	1.01	74	2	20.99
3	1.01	75	16	124.53
3	1.01	76	1	11.00
3	1.01	77	5	41.89
3	1.01	78	3	27.33
3	1.01	79	5	36.94
3	1.01	80	20	150.13
3	1.01	81	1	9.88
3	1.01	82	3	25.99
3	1.01	83	5	41.85
3	1.01	84	2	13.70
3	1.01	85	3	23.30
3	1.01	86	25	186.06
3	1.01	87	4	32.51
3	1.01	88	2	14.87
3	1.01	89	9	70.11
3	1.01	90	2	16.57
3	1.01	91	15	121.29
3	1.01	92	4	35.20
3	1.01	93	7	57.99
3	1.01	94	3	25.84
3	1.01	95	1	13.12
3	1.01	96	1	8.14

4	0.93	43	6	43.48
4	0.93	44	10	75.48
4	0.93	45	9	69.32
4	0.93	46	1	12.61
4	0.93	47	42	315.66
4	0.93	48	16	118.57
4	0.93	49	9	71.15
4	0.93	50	4	28.50
4	0.93	51	11	84.07
4	0.93	52	22	166.78
4	0.93	53	6	44.81
4	0.93	54	6	48.49
4	0.93	55	4	34.10
4	0.93	56	6	44.95
4	0.93	57	1	10.04
4	0.93	58	12	93.49
4	0.93	59	2	14.56
4	0.93	60	1	8.33
4	0.93	61	2	15.86
4	0.93	62	8	63.85
4	0.93	63	2	18.46
4	0.93	64	2	17.13
4	0.93	65	6	48.16
4	0.93	66	5	36.01
4	0.93	67	19	142.11
4	0.93	68	2	17.85
4	0.93	69	13	95.20
4	0.93	70	5	41.61
4	0.93	71	2	18.26
4	0.93	72	2	19.24
4	0.93	73	8	60.81
4	0.93	74	2	20.78
4	0.93	75	16	124.32
4	0.93	76	1	10.79
4	0.93	77	5	41.68
4	0.93	78	3	27.12
4	0.93	79	5	35.73
4	0.93	80	20	149.92
4	0.93	81	1	9.67
4	0.93	82	3	25.78
4	0.93	83	5	41.64
4	0.93	84	2	13.49
4	0.93	85	3	23.09
4	0.93	86	25	185.85
4	0.93	87	4	32.90
4	0.93	88	2	14.46
4	0.93	89	9	69.90
4	0.93	90	2	16.36
4	0.93	91	16	121.08
4	0.93	92	4	34.99
4	0.93	93	7	57.78
4	0.93	94	3	25.63
4	0.93	95	1	12.91
4	0.93	96	1	7.93

1	1.06	97	11	81.40
1	1.06	98	3	25.16
1	1.06	99	15	111.57
1	1.06	100	8	61.07
1	1.06	101	9	71.28
1	1.06	102	11	83.80
1	1.06	103	6	44.60
1	1.06	104	12	90.69
1	1.06	105	3	25.72
1	1.06	106	6	44.56
1	1.06	107	6	48.16
1	1.06	108	4	35.20
1	1.06	109	3	26.29
1	1.06	110	5	39.56
1	1.06	111	2	15.78
1	1.06	112	23	170.86
1	1.06	113	2	15.09
1	1.06	114	30	228.36
1	1.06	115	2	18.86
1	1.06	116	12	95.21
1	1.06	117	1	10.27
1	1.06	118	20	151.41
1	1.06	119	1	11.54
1	1.06	120	6	47.41
1	1.06	121	10	75.30
1	1.06	122	9	69.78
1	1.06	123	4	32.72
1	1.06	124	2	19.60
1	1.06	125	13	99.80
1	1.06	126	6	43.76
1	1.06	127	11	85.06
1	1.06	128	16	118.68
1	1.06	129	24	179.10
1	1.06	130	5	36.50
1	1.06	131	7	57.21
1	1.06	132	1	11.92
1	1.06	133	1	8.55
1	1.06	134	31	230.94
1	1.06	135	13	99.40
1	1.06	136	2	14.39
1	1.06	137	2	17.33
1	1.06	138	6	44.81
1	1.06	139	22	166.55
1	1.06	140	6	45.46
1	1.06	141	20	150.88
1	1.06	142	5	41.78
1	1.06	143	1	10.74
1	1.06	144	2	18.46
1	1.06	145	6	45.57
1	1.06	146	3	21.84
1	1.06	147	1	9.40
1	1.06	148	5	37.17
1	1.06	149	6	47.11
1	1.06	150	9	69.27

2	0.84	97	11	80.87
2	0.84	98	3	24.63
2	0.84	99	15	111.04
2	0.84	100	8	60.54
2	0.84	101	9	70.74
2	0.84	102	11	83.26
2	0.84	103	6	44.07
2	0.84	104	12	90.16
2	0.84	105	3	25.18
2	0.84	106	6	44.05
2	0.84	107	6	48.63
2	0.84	108	4	34.87
2	0.84	109	3	25.75
2	0.84	110	5	39.03
2	0.84	111	2	15.24
2	0.84	112	23	170.32
2	0.84	113	2	14.56
2	0.84	114	30	227.82
2	0.84	115	2	18.32
2	0.84	116	12	94.67
2	0.84	117	1	9.73
2	0.84	118	20	150.88
2	0.84	119	1	11.01
2	0.84	120	6	46.88
2	0.84	121	10	74.77
2	0.84	122	9	69.24
2	0.84	123	4	32.18
2	0.84	124	2	19.16
2	0.84	125	13	99.27
2	0.84	126	6	43.23
2	0.84	127	11	84.53
2	0.84	128	16	118.14
2	0.84	129	24	178.56
2	0.84	130	5	37.97
2	0.84	131	7	58.68
2	0.84	132	1	11.39
2	0.84	133	1	8.01
2	0.84	134	31	230.41
2	0.84	135	13	98.87
2	0.84	136	2	13.85
2	0.84	137	2	16.80
2	0.84	138	6	44.27
2	0.84	139	22	168.11
2	0.84	140	6	44.93
2	0.84	141	20	150.35
2	0.84	142	5	41.25
2	0.84	143	1	10.20
2	0.84	144	2	17.93
2	0.84	145	6	45.04
2	0.84	146	3	21.11
2	0.84	147	1	8.87
2	0.84	148	5	36.63
2	0.84	149	6	46.58
2	0.84	150	9	68.73

3	1.01	97	11	81.30
3	1.01	98	3	25.06
3	1.01	99	15	111.46
3	1.01	100	8	60.96
3	1.01	101	9	71.17
3	1.01	102	11	83.89
3	1.01	103	6	44.49
3	1.01	104	12	90.59
3	1.01	105	3	25.61
3	1.01	106	6	44.47
3	1.01	107	6	49.06
3	1.01	108	4	35.10
3	1.01	109	3	26.18
3	1.01	110	5	39.45
3	1.01	111	2	15.67
3	1.01	112	23	170.75
3	1.01	113	2	14.98
3	1.01	114	30	228.25
3	1.01	115	2	18.75
3	1.01	116	12	95.10
3	1.01	117	1	10.16
3	1.01	118	20	151.30
3	1.01	119	1	11.44
3	1.01	120	6	47.31
3	1.01	121	10	75.19
3	1.01	122	9	69.67
3	1.01	123	4	32.61
3	1.01	124	2	19.58
3	1.01	125	13	99.70
3	1.01	126	6	43.85
3	1.01	127	11	84.95
3	1.01	128	16	118.57
3	1.01	129	24	178.99
3	1.01	130	5	38.40
3	1.01	131	7	57.11
3	1.01	132	1	11.82
3	1.01	133	1	8.44
3	1.01	134	31	230.83
3	1.01	135	13	99.29
3	1.01	136	2	14.28
3	1.01	137	2	17.23
3	1.01	138	6	44.70
3	1.01	139	22	166.54
3	1.01	140	6	45.35
3	1.01	141	20	150.77
3	1.01	142	5	41.68
3	1.01	143	1	10.63
3	1.01	144	2	18.36
3	1.01	145	6	45.46
3	1.01	146	3	21.54
3	1.01	147	1	9.30
3	1.01	148	5	37.06
3	1.01	149	6	47.01
3	1.01	150	9	69.16

4	0.93	97	11	81.08
4	0.93	98	3	24.84
4	0.93	99	15	111.25
4	0.93	100	8	60.75
4	0.93	101	9	70.96
4	0.93	102	11	83.48
4	0.93	103	6	44.28
4	0.93	104	12	90.38
4	0.93	105	3	25.40
4	0.93	106	6	44.26
4	0.93	107	6	48.85
4	0.93	108	4	34.89
4	0.93	109	3	25.97
4	0.93	110	5	39.24
4	0.93	111	2	15.46
4	0.93	112	23	170.54
4	0.93	113	2	14.77
4	0.93	114	30	228.04
4	0.93	115	2	18.54
4	0.93	116	12	94.89
4	0.93	117	1	9.95
4	0.93	118	20	151.09
4	0.93	119	1	11.23
4	0.93	120	6	47.10
4	0.93	121	10	74.98
4	0.93	122	9	69.46
4	0.93	123	4	32.40
4	0.93	124	2	19.37
4	0.93	125	13	99.49
4	0.93	126	6	43.44
4	0.93	127	11	84.74
4	0.93	128	16	118.36
4	0.93	129	24	178.78
4	0.93	130	5	38.19
4	0.93	131	7	56.90
4	0.93	132	1	11.61
4	0.93	133	1	8.23
4	0.93	134	31	230.62
4	0.93	135	13	99.08
4	0.93	136	2	14.07
4	0.93	137	2	17.02
4	0.93	138	6	44.49
4	0.93	139	22	166.33
4	0.93	140	6	45.14
4	0.93	141	20	150.56
4	0.93	142	5	41.46
4	0.93	143	1	10.42
4	0.93	144	2	18.14
4	0.93	145	6	45.25
4	0.93	146	3	21.33
4	0.93	147	1	9.09
4	0.93	148	5	36.85
4	0.93	149	6	46.79
4	0.93	150	9	68.95

1	1.06	151	3	28.22
1	1.06	152	17	128.42
1	1.06	153	4	30.12
1	1.06	154	5	40.82
1	1.06	155	1	9.37
1	1.06	156	8	60.62
1	1.06	157	11	80.91
1	1.06	158	6	47.45
1	1.06	159	28	212.34
1	1.06	160	2	17.74
1	1.06	161	4	30.09
1	1.06	162	1	10.02
1	1.06	163	5	42.53
1	1.06	164	14	105.18
1	1.06	165	6	50.04
1	1.06	166	10	79.44
1	1.06	167	18	137.88
1	1.06	168	25	191.51
1	1.06	169	6	50.72
1	1.06	170	28	206.56
1	1.06	171	12	88.47
1	1.06	172	9	72.30
1	1.06	173	5	41.55
1	1.06	174	5	40.99
1	1.06	175	2	20.73
1	1.06	176	14	107.82
1	1.06	177	4	32.12
1	1.06	178	21	188.43
1	1.06	179	2	17.71
1	1.06	180	2	21.12
1	1.06	181	12	90.92
1	1.06	182	3	24.31
1	1.06	183	18	133.15
1	1.06	184	13	101.65
1	1.06	185	1	13.39
1	1.06	186	7	52.26
1	1.06	187	9	67.85
1	1.06	188	3	22.25
1	1.06	189	6	46.34
1	1.06	190	1	13.14
1	1.06	191	3	22.82
1	1.06	192	3	20.84
1	1.06	193	25	188.47
1	1.06	194	28	210.70
1	1.06	195	11	86.37
1	1.06	196	3	25.12
1	1.06	197	1	7.84
1	1.06	198	9	67.20
1	1.06	199	29	178.50
1	1.06	200	9	72.35
1	1.06	201	18	132.97
1	1.06	202	2	14.79
1	1.06	203	3	23.75
1	1.06	204	3	27.56

2	0.84	151	3	27.69
2	0.84	152	17	127.89
2	0.84	153	4	29.59
2	0.84	154	5	40.28
2	0.84	155	1	8.84
2	0.84	156	8	60.08
2	0.84	157	11	80.38
2	0.84	158	6	46.92
2	0.84	159	28	211.80
2	0.84	160	2	17.21
2	0.84	161	4	29.55
2	0.84	162	1	9.49
2	0.84	163	5	41.99
2	0.84	164	14	104.85
2	0.84	165	6	49.50
2	0.84	166	10	78.90
2	0.84	167	18	137.34
2	0.84	168	25	190.97
2	0.84	169	6	50.19
2	0.84	170	28	206.03
2	0.84	171	12	87.94
2	0.84	172	9	71.76
2	0.84	173	5	41.02
2	0.84	174	5	40.46
2	0.84	175	2	20.19
2	0.84	176	14	107.29
2	0.84	177	4	31.58
2	0.84	178	21	157.80
2	0.84	179	2	17.18
2	0.84	180	2	20.58
2	0.84	181	12	90.39
2	0.84	182	3	23.78
2	0.84	183	18	132.62
2	0.84	184	13	101.11
2	0.84	185	1	12.86
2	0.84	186	7	51.73
2	0.84	187	9	67.32
2	0.84	188	3	21.71
2	0.84	189	6	45.80
2	0.84	190	1	12.60
2	0.84	191	3	22.28
2	0.84	192	2	20.30
2	0.84	193	25	187.94
2	0.84	194	28	210.17
2	0.84	195	11	85.84
2	0.84	196	3	24.58
2	0.84	197	1	7.30
2	0.84	198	9	66.66
2	0.84	199	29	179.97
2	0.84	200	9	71.81
2	0.84	201	18	132.44
2	0.84	202	2	14.26
2	0.84	203	3	23.22
2	0.84	204	3	27.03

3	1.01	151	3	28.11
3	1.01	152	17	128.32
3	1.01	153	4	30.01
3	1.01	154	5	40.71
3	1.01	155	1	9.27
3	1.01	156	8	60.51
3	1.01	157	11	80.81
3	1.01	158	6	47.34
3	1.01	159	28	212.23
3	1.01	160	2	17.64
3	1.01	161	4	29.98
3	1.01	162	1	9.92
3	1.01	163	5	42.42
3	1.01	164	14	105.07
3	1.01	165	6	49.93
3	1.01	166	10	79.33
3	1.01	167	18	137.77
3	1.01	168	25	191.40
3	1.01	169	6	50.62
3	1.01	170	28	208.45
3	1.01	171	12	88.37
3	1.01	172	9	72.19
3	1.01	173	5	41.44
3	1.01	174	5	40.88
3	1.01	175	2	20.62
3	1.01	176	14	107.72
3	1.01	177	4	32.01
3	1.01	178	21	158.93
3	1.01	179	2	17.61
3	1.01	180	2	21.01
3	1.01	181	12	90.81
3	1.01	182	3	24.20
3	1.01	183	18	133.05
3	1.01	184	13	101.54
3	1.01	185	1	13.28
3	1.01	186	7	52.16
3	1.01	187	9	67.74
3	1.01	188	3	22.14
3	1.01	189	6	46.23
3	1.01	190	1	13.03
3	1.01	191	3	22.71
3	1.01	192	2	20.73
3	1.01	193	25	186.37
3	1.01	194	28	210.60
3	1.01	195	11	86.26
3	1.01	196	3	25.01
3	1.01	197	1	7.73
3	1.01	198	9	67.09
3	1.01	199	29	178.40
3	1.01	200	9	72.24
3	1.01	201	18	132.86
3	1.01	202	2	14.69
3	1.01	203	3	23.65
3	1.01	204	3	27.45

4	0.93	151	3	27.90
4	0.93	152	17	128.11
4	0.93	153	4	29.80
4	0.93	154	5	40.50
4	0.93	155	1	9.06
4	0.93	156	8	60.30
4	0.93	157	11	80.60
4	0.93	158	6	47.13
4	0.93	159	28	212.02
4	0.93	160	2	17.43
4	0.93	161	4	29.77
4	0.93	162	1	9.70
4	0.93	163	5	42.21
4	0.93	164	14	104.86
4	0.93	165	6	48.72
4	0.93	166	10	79.12
4	0.93	167	18	137.56
4	0.93	168	25	191.19
4	0.93	169	6	50.41
4	0.93	170	28	206.24
4	0.93	171	12	88.16
4	0.93	172	9	71.98
4	0.93	173	5	41.23
4	0.93	174	5	40.67
4	0.93	175	2	20.41
4	0.93	176	14	107.51
4	0.93	177	4	31.80
4	0.93	178	21	158.12
4	0.93	179	2	17.40
4	0.93	180	2	20.80
4	0.93	181	12	90.60
4	0.93	182	3	23.98
4	0.93	183	18	132.83
4	0.93	184	13	101.33
4	0.93	185	1	13.07
4	0.93	186	7	51.95
4	0.93	187	9	67.53
4	0.93	188	3	21.93
4	0.93	189	6	46.02
4	0.93	190	1	12.82
4	0.93	191	3	22.50
4	0.93	192	2	20.52
4	0.93	193	25	186.16
4	0.93	194	28	210.39
4	0.93	195	11	86.05
4	0.93	196	3	24.80
4	0.93	197	1	7.52
4	0.93	198	9	66.88
4	0.93	199	29	178.19
4	0.93	200	9	72.03
4	0.93	201	18	132.65
4	0.93	202	2	14.48
4	0.93	203	3	23.44
4	0.93	204	3	27.24

4	0.93	205	19	141.87
4	0.93	206	1	10.33
4	0.93	207	38	284.74
4	0.93	208	7	52.18
4	0.93	209	4	31.77
4	0.93	210	6	50.08
4	0.93	211	26	192.43
4	0.93	212	6	47.91
4	0.93	213	1	7.97
4	0.93	214	18	135.76
4	0.93	215	23	170.00
4	0.93	216	2	14.71
4	0.93	217	1	12.96
4	0.93	218	6	46.09
4	0.93	219	1	11.96
4	0.93	220	3	25.05
4	0.93	221	10	76.68
4	0.93	222	3	25.43
4	0.93	223	34	253.04
4	0.93	224	16	123.19
4	0.93	225	1	13.01
4	0.93	226	9	66.93
4	0.93	227	5	40.68
4	0.93	228	2	17.12
4	0.93	229	7	53.31
4	0.93	230	2	16.94
4	0.93	231	15	110.83
4	0.93	232	14	108.11
4	0.93	233	8	60.68
4	0.93	234	9	70.20
4	0.93	235	3	24.46
4	0.93	236	3	25.53
4	0.93	237	3	23.23
4	0.93	238	43	317.70
4	0.93	239	17	124.80
4	0.93	240	31	232.23
4	0.93	241	5	41.73
4	0.93	242	2	17.75
4	0.93	243	2	16.57
4	0.93	244	3	22.32
4	0.93	245	5	37.67
4	0.93	246	28	207.19
4	0.93	247	3	21.83
4	0.93	248	2	13.57
4	0.93	249	18	133.85
4	0.93	250	2	13.85
4	0.93	251	15	173.55
4	0.93	252	16	123.66
4	0.93	253	1	13.36
4	0.93	254	15	112.27
4	0.93	255	16	117.30
4	0.93	256	1	11.33
4	0.93	257	7	52.46

3	1.01	205	19	141.88
3	1.01	206	1	10.54
3	1.01	207	38	284.85
3	1.01	208	7	52.18
3	1.01	209	4	31.99
3	1.01	210	6	50.29
3	1.01	211	26	192.84
3	1.01	212	6	48.12
3	1.01	213	1	8.18
3	1.01	214	18	135.97
3	1.01	215	23	170.21
3	1.01	216	2	14.92
3	1.01	217	1	13.17
3	1.01	218	6	46.30
3	1.01	219	1	12.17
3	1.01	220	3	25.26
3	1.01	221	10	76.90
3	1.01	222	3	25.64
3	1.01	223	34	253.25
3	1.01	224	16	123.40
3	1.01	225	1	13.22
3	1.01	226	9	67.14
3	1.01	227	5	40.89
3	1.01	228	2	17.33
3	1.01	229	7	53.53
3	1.01	230	2	17.15
3	1.01	231	15	111.04
3	1.01	232	14	108.32
3	1.01	233	8	60.89
3	1.01	234	9	70.50
3	1.01	235	3	24.67
3	1.01	236	3	25.74
3	1.01	237	3	23.44
3	1.01	238	43	317.91
3	1.01	239	17	125.01
3	1.01	240	31	232.44
3	1.01	241	5	41.94
3	1.01	242	2	17.96
3	1.01	243	2	16.78
3	1.01	244	3	22.54
3	1.01	245	5	37.88
3	1.01	246	28	207.40
3	1.01	247	3	22.04
3	1.01	248	2	13.78
3	1.01	249	18	134.06
3	1.01	250	2	14.06
3	1.01	251	15	113.76
3	1.01	252	16	123.87
3	1.01	253	1	13.57
3	1.01	254	15	112.48
3	1.01	255	16	117.51
3	1.01	256	1	11.54
3	1.01	257	7	52.67

2	0.84	205	19	141.45
2	0.84	206	1	10.12
2	0.84	207	38	284.52
2	0.84	208	7	51.75
2	0.84	209	4	31.56
2	0.84	210	6	49.86
2	0.84	211	26	192.21
2	0.84	212	6	47.69
2	0.84	213	1	7.75
2	0.84	214	18	135.54
2	0.84	215	23	169.79
2	0.84	216	2	14.50
2	0.84	217	1	12.75
2	0.84	218	6	45.87
2	0.84	219	1	11.74
2	0.84	220	3	24.83
2	0.84	221	10	78.47
2	0.84	222	3	25.21
2	0.84	223	34	252.83
2	0.84	224	16	122.97
2	0.84	225	1	12.80
2	0.84	226	9	68.72
2	0.84	227	5	40.46
2	0.84	228	2	16.91
2	0.84	229	7	53.10
2	0.84	230	2	16.72
2	0.84	231	15	110.62
2	0.84	232	14	107.80
2	0.84	233	8	60.46
2	0.84	234	9	70.08
2	0.84	235	3	24.24
2	0.84	236	3	25.32
2	0.84	237	3	23.02
2	0.84	238	43	317.48
2	0.84	239	17	124.59
2	0.84	240	31	232.02
2	0.84	241	5	41.51
2	0.84	242	2	17.53
2	0.84	243	2	16.35
2	0.84	244	3	22.11
2	0.84	245	5	37.46
2	0.84	246	28	206.97
2	0.84	247	3	21.62
2	0.84	248	2	13.35
2	0.84	249	18	133.64
2	0.84	250	2	13.63
2	0.84	251	15	113.34
2	0.84	252	16	123.44
2	0.84	253	1	13.14
2	0.84	254	15	112.05
2	0.84	255	16	117.08
2	0.84	256	1	11.11
2	0.84	257	7	52.24

1	1.06	205	19	141.98
1	1.06	206	1	10.65
1	1.06	207	38	285.05
1	1.06	208	7	52.28
1	1.06	209	4	32.09
1	1.06	210	6	50.40
1	1.06	211	26	192.75
1	1.06	212	6	48.23
1	1.06	213	1	8.29
1	1.06	214	18	136.08
1	1.06	215	23	170.32
1	1.06	216	2	15.03
1	1.06	217	1	13.28
1	1.06	218	6	46.41
1	1.06	219	1	12.28
1	1.06	220	3	25.36
1	1.06	221	10	79.00
1	1.06	222	3	25.75
1	1.06	223	34	253.36
1	1.06	224	16	123.51
1	1.06	225	1	13.33
1	1.06	226	9	67.25
1	1.06	227	5	40.99
1	1.06	228	2	17.44
1	1.06	229	7	53.63
1	1.06	230	2	17.26
1	1.06	231	15	111.15
1	1.06	232	14	108.43
1	1.06	233	8	61.00
1	1.06	234	9	70.61
1	1.06	235	3	24.78
1	1.06	236	3	25.85
1	1.06	237	3	23.55
1	1.06	238	43	318.02
1	1.06	239	17	125.12
1	1.06	240	31	232.55
1	1.06	241	5	42.05
1	1.06	242	2	18.07
1	1.06	243	2	16.89
1	1.06	244	3	22.64
1	1.06	245	5	37.99
1	1.06	246	28	207.51
1	1.06	247	3	22.15
1	1.06	248	2	13.89
1	1.06	249	18	134.17
1	1.06	250	2	14.16
1	1.06	251	15	113.87
1	1.06	252	16	123.98
1	1.06	253	1	13.68
1	1.06	254	15	112.59
1	1.06	255	16	117.61
1	1.06	256	1	11.65
1	1.06	257	7	52.77