Appendix. A

129 Slope stability data

No.	γ (KN/m3)	c (Kpa)	φ (°)	β (°)	H (m)	r_u	Stability
Training set and Validation set							
1	18.8	14.4	25.02	19.98	30.6	0	1
2	18.77	30.01	9.99	25.02	50	0.1	1
3	19.97	19.96	36	45.5	50	0.5	0
4	22.38	10.05	35.01	45	10	0.4	0
5	18.77	30.01	19.98	30	50	0.1	1
6	28.4	39.16	37.98	34.98	100	0	1
7	19.97	10.05	28.98	34.03	6	0.3	1
8	13.97	12	26.01	30	88	0	0
9	18.77	25.06	19.98	30	50	0.2	0
10	18.83	10.35	21.29	34.03	37	0.3	0
11	28.4	29.41	35.01	34.98	100	0	1
12	18.77	25.06	9.99	25.02	50	0.2	0
13	16.47	11.55	0	30	3.6	0	0
14	20.56	16.21	26.51	30	40	0	0
15	18.66	26.41	14.99	34.98	8.2	0	0
16	13.97	12	26.01	30	88	0.5	0
17	25.96	150.1	45	49.98	200	0	0
18	18.46	25.06	0	30	6	0	0
19	19.97	40.06	30.02	30	15	0.3	1
20	20.39	24.91	13.01	22	10.6	0.4	1
21	19.6	12	19.98	22	12.2	0.4	1
22	20.96	19.96	40.01	40.02	12	0	1
23	17.98	24.01	30.15	45	20	0.1	0
24	20.96	45.02	25.02	49.03	12	0.3	1

25	22.38	99.93	45	45	15	0.3	1
26	18.77	19.96	19.98	30	50	0.3	0
27	21.78	8.55	32	27.98	12.8	0.5	0
28	21.47	6.9	30.02	31.01	76.8	0.4	0
29	21.98	19.96	22.01	19.98	180	0.1	0
30	18.8	57.47	19.98	19.98	30.6	0	1
31	21.36	10.05	30.33	30	20	0	1
32	18.8	14.4	25.02	19.98	30.6	0.5	0
33	15.99	70.07	19.98	40.02	115	0	0
34	21.98	19.96	36	45	50	0	0
35	19.08	10.05	9.99	25.02	50	0.4	0
36	19.08	10.05	19.98	30	50	0.4	0
37	17.98	45.02	25.02	25.02	14	0.3	1
38	24.96	120	45	53	120	0	1
39	20.39	33.46	10.98	16.01	45.8	0.2	0
40	17.98	4.95	30.02	19.98	8	0.3	1
41	18.97	30.01	35.01	34.98	11	0.2	1
42	21.98	19.96	22.01	19.98	180	0	0
43	20.96	30.01	35.01	40.02	12	0.4	1
44	20.96	34.96	27.99	40.02	12	0.5	1
45	18.46	12	0	30	6	0	0
46	19.97	40.06	40.01	40.02	10	0.2	1
47	19.97	19.96	36	45	50	0.3	0
48	18.77	19.96	9.99	25.02	50	0.3	0
49	18.83	24.76	21.29	29.2	37	0.5	0
50	19.03	11.7	27.99	34.98	21	0.1	0
51	22.38	10.05	35.01	30	10	0	1
52	18.8	15.31	30.02	25.02	10.6	0.4	1
53	18.68	26.34	15	35	8.23	0	0

54	16.5	11.49	0	30	3.66	0	0
55	18.84	14.36	25	20	30.5	0	1
56	18.84	57.46	20	20	30.5	0	1
57	28.44	29.42	35	35	100	0	1
58	28.44	39.23	38	35	100	0	1
59	20.6	16.28	26.5	30	40	0	0
60	14.8	0	17	20	50	0	0
61	14	11.97	26	30	88	0	0
62	25	120	45	53	120	0	1
63	26	150.05	45	50	200	0	0
64	18.5	25	0	30	6	0	0
65	18.5	12	0	30	6	0	0
66	22.4	10	35	30	10	0	1
67	21.1	10	30.34	30	20	0	1
68	22	20	36	45	50	0	0
69	22	0	36	45	50	0	0
70	12	0	30	35	4	0	1
71	12	0	30	45	8	0	0
72	12	0	30	35	4	0	1
73	12	0	30	45	8	0	0
74	23.47	0	32	37	214	0	0
75	16	70	20	40	115	0	0
76	20.41	24.9	13	22	10.67	0.35	1
77	19.63	11.97	20	22	12.19	0.405	1
78	21.82	8.62	32	28	12.8	0.49	0
79	20.41	33.52	11	16	45.72	0.2	0
80	18.84	15.32	30	25	10.67	0.38	1
81	18.84	0	20	20	7.62	0.45	0
82	21.43	0	20	20	61	0.5	0

83	19.06	11.71	28	35	21	0.11	0
84	18.84	14.36	25	20	30.5	0.45	0
85	21.51	6.94	30	31	76.81	0.38	0
86	14	11.97	26	30	88	0.45	0
87	18	24	30.15	45	20	0.12	0
88	23	0	20	20	100	0.3	0
89	22.4	100	45	45	15	0.25	1
90	22.4	10	35	45	10	0.4	0
91	20	20	36	45	50	0.25	0
92	20	20	36	45	50	0.5	0
93	20	0	36	45	50	0.25	0
94	20	0	36	45	50	0.5	0
95	22	0	40	33	8	0.35	1
96	24	0	40	33	8	0.3	1
97	20	0	24.5	20	8	0.35	1
98	18	5	30	20	8	0.3	1
99	26.49	150	33	45	73	0.15	1
100	26.7	150	33	50	130	0.25	1
101	26.89	150	33	52	120	0.25	1
102	26.57	300	38.7	45.3	80	0.15	0
103	26.78	300	38.7	54	155	0.25	0
104	26.81	200	35	58	138	0.25	1
105	26.43	50	26.6	40	92.2	0.15	1
106	26.7	50	26.6	50	170	0.25	1
107	26.8	60	28.8	59	108	0.25	1
Test set							
108	22.4	10	35	45	10	0.4	0
109	20	20	36	45	50	0.5	0
110	20	0.1	36	45	50	0.25	0

111	20	0.1	36	45	50	0.5	0
112	22	0	40	33	8	0.35	1
113	24	0	40	33	8	0.3	1
114	20	0	24.5	20	8	0.35	1
115	18	0	30	20	8	0.3	1
116	27	40	35	43	420	0.25	1
117	31.3	68	37	49	200.5	0.29	0
118	26.18	44.93	59	31.5	172.98	0.1	0
119	26.62	31.78	0	42.72	51.48	0.4	0
120	27.3	26	31	50	92	0.25	0
121	27	32	33	42.2	289	0.25	1
122	27.3	31.5	29.7	41	135	0.25	1
123	25	46	35	47	443	0.25	1
124	25	46	35	44	435	0.25	1
125	25	46	35	46	432	0.25	1
126	26	150	45	30	200	0.25	1
127	18.5	12	0	30	6	0.25	0
128	22.4	10	35	30	10	0.25	1
129	22	20	36	45	50	0.25	0