

Appendix. B

449 Slope stability data set

NO.	γ (KN/m3)	c (Kpa)	φ (°)	β (°)	H (m)	r_u	Stability
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
108	17.93	78.2	18.49	33.42	120.79	0	0
109	18.02	40.92	40.92	21.18	34.65	0.1	1
110	25.76	64.11	64.11	21.4	15.76	0.5	1
111	25.55	14.8	14.8	3.44	41.06	0.4	0
112	23.85	78.48	33.9	22.88	118.09	0.1	1
113	18.34	92.2	40.51	40.89	139.48	0	1
114	25.15	33.36	39.25	45.48	148.37	0.3	0
115	19.24	65.34	34.2	21.8	64.56	0	1
116	19.91	46.83	32.8	18.15	77.25	0.2	1
117	24.36	0.41	27.04	28.44	99.28	0.3	0
118	20.04	67.59	42.91	25.86	4.06	0	1
119	20.31	71.43	31.46	28.18	110.81	0.2	1
120	19.26	43.88	34.26	44.16	122.49	0	0
121	17.99	7.2	19.23	55.56	82.75	0	0
122	17.85	73.21	22.22	46.32	77.08	0	0
123	19.14	94.52	14.6	33.78	105.01	0.5	0
124	21.01	44.08	26.49	28.94	97.57	0	0
125	19.33	99.3	33.1	34.82	55.54	0	1
126	16.1	65.25	20.21	20.17	17.27	0.3	1
127	19.9	73.05	45.46	32.99	9.53	0.4	1
128	19.62	3.67	31.06	5.87	92.13	0.4	1
129	20.71	28.37	14.49	26.49	63.78	0	0
130	22.12	37.55	38.11	33.33	29.93	0.1	1
131	21.54	32.07	18.89	27.06	58.89	0.3	0
132	17.4	108.19	30.04	47.3	111.28	0.3	0
133	17.39	20.26	26.6	56.38	34.45	0.3	0

134	18.63	106.66	14.27	38.62	68.73	0.5	0
135	17.68	94.92	25.4	45.11	65.97	0.4	0
136	14.59	10.92	27.55	47.11	141.66	0.1	0
137	18.72	87.53	23.28	33.15	61.82	0	1
138	15.17	35.57	42.06	14.6	183.27	0	1
139	15.79	31.63	28.09	48.97	12.09	0.5	1
140	15.87	69.53	48.47	27.1	17.83	0	1
141	16.56	74.15	18.33	37.2	31.92	0	1
142	16.27	44.32	21.6	27.07	151.39	0.4	0
143	17.09	52.7	26	42.55	17.87	0.4	1
144	19.49	100.82	31.34	54.81	21.06	0.3	1
145	23.46	56.15	31.06	43.67	53.54	0	0
146	15.48	46.54	43.56	39.42	14.92	0.2	1
147	24.36	64.7	39.14	46.87	141.85	0.3	0
148	22.39	59.91	11.89	22.7	94.67	0.2	0
149	22.42	161.55	20.7	39.03	15.89	0	1
150	19.51	63.27	37.01	18.77	90.45	0.4	1
151	21.16	124	21.92	30.41	116.84	0.5	1
152	22.53	34.61	26.81	58	102.93	0	0
153	22.77	27.51	25.23	14.95	67.59	0.2	1
154	19.2	55.28	24.02	29.8	91.59	0.3	0
155	23.17	17.75	23.6	53.51	24.8	0.3	0
156	24.89	121.63	30.2	35.32	16.18	0.5	1
157	24.03	72.37	28.77	37.74	59.21	0.1	1
158	23.05	12.16	14	23.3	89.05	0	0
159	18.22	77.64	46.58	43.19	24.52	0.4	1
160	20.47	16.87	35.48	27.58	17.86	0	1
161	20.99	63.58	48.54	30.91	68.82	0	1
162	18.74	49.05	17.54	14.34	118.98	0	0
163	21.26	9.78	43.23	17.42	90.73	0	1
164	21.07	29.89	14.46	21.98	22.31	0	0
165	20.27	25.33	23.75	8.37	42.76	0	1
166	19.9	25.05	25.46	44.15	37.03	0	0
167	20.32	14.9	14.35	42.66	80.26	0	0
168	20.57	34.55	44.41	38.36	122.28	0	1
169	19.1	133.38	41.5	31.38	109.11	0	1
170	18.88	9.77	21.01	51.49	33.34	0	0
171	20.26	122.61	23.44	24.92	114.17	0	1
172	16.3	91.72	27.7	41.82	87.53	0	0
173	13.6	58.07	38.63	36.61	32.97	0	1
174	19.65	28.79	17.38	35.79	68.78	0	0
175	16.1	81.18	30.16	4.84	125.44	0	1
176	26.52	68.74	20.76	24.86	123.99	0	0
177	23.12	57.21	29.96	26.39	94.95	0	1
178	25.06	14.97	14.86	47.79	142.71	0	0
179	23.15	46.41	23.56	48.54	22.44	0	0

180	19.27	129.46	27.54	34.61	87.63	0	1
181	22.3	40.64	21.93	24.05	103.19	0	0
182	22.37	43.37	19.15	45.03	119.95	0	0
183	15.37	53.03	28.06	40.94	79	0.35	0
184	23.35	29.97	16.38	39.73	33.92	0.405	0
185	17.14	127.05	41.92	31.87	114.99	0.49	1
186	16.1	71.69	20.81	52.77	70.06	0.2	0
187	23.18	17.74	13.86	26.71	60.39	0.38	0
188	18.34	36.34	30.19	29.44	143.1	0.45	0
189	16.9	31.8	33.65	29.21	81.74	0.5	1
190	24.83	119.28	13.24	26.86	113.91	0.11	0
191	13.93	80.9	37.13	34.16	58.25	0.45	1
192	17.61	59.31	19.1	43.28	31.25	0.38	0
193	24.6	11.36	1.7	20.19	11.06	0.45	0
194	30.31	22	23.94	36.99	104.02	0.12	0
195	20.69	69.68	40.34	49.39	111.42	0.3	0
196	23.82	300	21.77	20.57	23.9	0.25	1
197	16.77	24.09	34	22.53	26.72	0.4	1
198	28.11	0.69	21	18.22	99.46	0.25	0
199	18.27	6.45	20.69	26.3	17.04	0.5	0
200	10.06	62.41	39.99	39.04	58.31	0.25	1
201	20.85	74.42	11.34	39.57	13.17	0.5	1
202	20.98	52.5	23.55	33.67	49.7	0.35	0
203	17.56	27.82	17.23	37.23	67.61	0.3	0
204	21.4	67.99	38.11	32.72	132.33	0.35	1
205	25.29	125.82	0	48.07	56	0.3	1
206	15.47	79.39	47.88	32.46	81.14	0.15	1
207	22.3	38.64	31.01	43.92	47	0.25	0
208	16.82	0.05	23.92	29.45	36.22	0.25	0
209	25.93	13.72	22.36	35.79	53.37	0.15	1
210	22.56	63.51	31.13	38.36	49.54	0.25	1
211	18.56	21.04	24.82	5.3	45.92	0.25	1
212	21.47	41.59	18.76	45.73	48.47	0.15	0
213	19.01	29.34	12.19	30.35	12.07	0.25	1
214	22.84	68.46	10.91	35.94	63.73	0.25	0
215	20.36	11.89	36.6	16.58	108.92	0	1
216	25.28	83.67	18.4	36.46	106.8	0.1	0
217	30.27	38.55	22.46	39	29.53	0.5	0
218	21.71	16.57	19.68	29	60.8	0.4	0
219	23.67	55.72	38.36	38.68	100.02	0.1	1
220	21.84	53.21	35.12	15.3	108.67	0	1
221	18.58	82.65	21.89	31.64	20.11	0.3	1
222	22.23	30.81	21.8	31.44	3.45	0	1
223	24.05	30.89	28.57	36.87	71.36	0.2	0
224	23.57	162.62	12.59	56.79	155.28	0.3	0
225	21.03	8.32	28.22	31.63	49.25	0	0

226	19.88	30.86	21.47	50.14	38.23	0.2	0
227	27.2	53.62	28.3	21.82	56.78	0	1
228	23.88	43.5	26.48	43.07	13.52	0	1
229	25.55	64.91	16.97	33.45	97.58	0	0
230	18.04	38.49	43.96	32.44	27.54	0.5	1
231	25.7	84.49	18.66	42.65	7.75	0	1
232	15.07	3.58	35.12	36.52	22.1	0	0
233	22.21	86.74	27.43	25.2	13.37	0.3	1
234	20.56	46.9	13.47	10.75	3.88	0.4	1
235	21.05	95.94	36.24	37.34	132.92	0.4	1
236	18.93	9.28	31.46	43.31	33.06	0	0
237	23.88	10.07	22.75	28.3	23.92	0.1	0
238	22.44	10.48	31.88	26.22	101.93	0.3	1
239	21.17	12.58	40.51	49.4	111.54	0.3	0
240	28.07	160.77	26.2	24.64	162.76	0.3	1
241	24.3	45.96	44.35	38.12	56.21	0.5	1
242	21.13	76.34	37.55	19.9	5.05	0.4	1
243	20.41	44.66	28.23	33.89	86.39	0.1	0
244	13.12	94.38	8.11	20.66	34.42	0	1
245	18.09	11.87	3.46	34.43	78.52	0	0
246	18.67	115.4	27.1	14.56	91.16	0.5	1
247	17.46	99.03	24.1	4.24	42.94	0	1
248	20.05	91.29	32.17	39.26	70.97	0	1
249	27.17	14.55	15.02	44.82	19.18	0.4	0
250	26.81	200	35	58	138	0.25	0
251	26.43	50	26.6	40	92.2	0.15	0
252	26.69	50	26.6	50	170	0.25	1
253	26.81	60	28.8	59	108	0.25	0
254	27.8	27.5	27	41	236	0.1	1
255	27.1	22	18.6	25.6	100	0.19	1
256	21.2	0	35	23.75	150	0.25	1
257	21.2	0	35	23.75	150	0.25	1
258	21.2	0	35	23.75	150	0.25	0
259	21.2	0	35	23.75	150	0.25	1
260	22.3	0	40	26.5	78	0.25	0
261	19.8	0	32	26.5	46	0.25	1
262	19.8	0	32	21.8	46	0.25	1
263	18.8	9.8	21	19.29	39	0.25	1
264	21.2	0	35	18.43	73	0.25	0
265	17.2	10	24.25	17.07	38	0.4	0
266	19	11.9	20.4	21.04	54	0.75	1
267	18	5	26.5	15.52	53	0.4	1
268	18	5	22	15.52	53	0.4	1
269	17.4	20	24	18.43	51	0.4	1
270	17.8	21.2	13.92	18.43	51	0.4	1
271	18.8	8	26	21.8	40	0.4	0

272	18.8	8	26	21.8	40	0.4	0
273	18	21	21.33	21.8	40	0.4	0
274	17.6	10	16	21.8	9	0.4	1
275	17.6	10	8	21.8	9	0.4	1
276	17.4	14.95	21.2	45	15	0.4	1
277	22	29	15	18	400	0	1
278	23	24	19.8	23	380	0	1
279	22	40	30	30	196	0	0
280	22.54	29.4	20	24	210	0	1
281	22	21	23	30	257	0	1
282	23.5	10	27	26	190	0	1
283	22.5	18	20	20	290	0	0
284	22.5	20	16	25	220	0	0
285	18.68	26.34	15	35	8.23	0	0
286	16.05	11.49	0	30	3.66	0	1
287	18.84	14.36	25	20	30.5	0	0
288	28.44	29.42	35	35	100	0	0
289	28.44	39.23	38	35	100	0	0
290	20.6	16.28	26.5	30	40	0	1
291	14.8	0	17	20	50	0	1
292	14	11.97	26	30	88	0	0
293	25	12	45	53	120	0	0
294	26	15	45	50	200	0	0
295	16	7	20	40	115	0	1
296	20.41	24.9	13	22	10.67	0	1
297	19.63	11.98	20	22	12.19	0	0
298	21.83	8.62	32	28	12.8	0	0
299	20.41	33.52	11	16	45.72	0	1
300	18.84	15.32	30	25	10.67	0	1
301	18.84	0	20	20	7.62	0	0
302	21.43	0	20	20	61	0	0
303	21	20	24	21	565	0	1
304	27	27.3	29.1	35	150	0.26	1
305	27	27.3	29.1	37	184	0.22	1
306	27	27.3	29.1	34	126.5	0.3	0
307	25	46	35	50	285	0.25	0
308	20.45	16	15	30	36	0.25	0
309	27	70	22.8	45	60	0.32	1
310	22	10	35	45	10	0.403	1
311	20	20	36	45	30	0.503	0
312	20	0.1	36	45	50	0.29	1
313	20	0.1	36	45	50	0.503	0
314	22	0	40	33	8	0.393	0
315	24	0	40	33	8	0.303	0
316	20	0	24.5	20	8	0.35	1
317	18	0	30	33	8	0.303	0

318	27	43	35	43	420	0.29	0
319	27	50	40	42	407	0.29	1
320	27	35	35	42	359	0.29	0
321	27	37.5	35	37.8	320	0.29	0
322	27	32	33	42.6	301	0.29	0
323	27	32	33	42.2	239	0.29	1
324	27.3	14	31	41	110	0.29	1
325	27.3	31.5	29.703	41	135	0.293	1
326	27.3	16.2	28	50	90.5	0.29	0
327	27.3	36	1	50	92	0.29	0
328	27.3	10	39	41	511	0.29	0
329	27.3	10	39	40	470	0.29	0
330	25	46	35	47	443	0.29	1
331	25	46	35	44	435	0.29	1
332	25	46	35	46	432	0.29	1
333	26	150	45	30	230	0.29	1
334	18.5	25	0	30	6.003	0.29	0
335	18.5	12	0	30	6.003	0.29	1
336	22	10	35	30	10	0.29	1
337	21	10	30.343	30	30	0.29	1
338	22	10	36	45	50	0.29	0
339	19.6	21.8	29.5	37.8	40.3	0.25	1
340	23.1	25.2	29.2	36.5	61.9	0.4	1
341	23.8	31	38.7	47.5	23.5	0.31	1
342	22.3	20.1	31	40.2	88	0.19	1
343	23.5	25	20	49.1	115	0.41	1
344	23	20	20.3	46.2	40.3	0.25	1
345	21.5	15	29	41.5	123.6	0.36	1
346	23.4	15	38.5	30.3	45.2	0.28	1
347	19.6	17.8	29.2	46.8	201.2	0.37	1
348	20	8	20	10	10	0	1
349	27.3	37.3	31	30	30	0	1
350	20.6	26.31	22	25	35	0	0
351	21.6	6.5	19	40	50	0	0
352	22.4	28.9	24	28	35	0	1
353	23.2	31.2	23	30	33	0	1
354	26.8	37.5	32	30	26	0	0
355	27.4	38.1	31	25	42	0	0
356	21.8	32.7	27	50	50	0	0
357	21.8	27.6	25	35	60	0	0
358	26.5	35.4	32	30	21	0	1
359	26.5	36.1	31	35	39	0	0
360	27	35.8	32	30	69	0	0
361	27	38.4	33	25	22	0	1
362	21.4	28.8	20	50	52	0	1
363	26	42.4	37	38	55	0	1

364	26	39.4	36	25	30	0	1
365	25.6	38.8	36	25	26	0	1
366	20	30.3	25	45	53	0	1
367	25.8	34.7	33	30	50	0	1
368	21.8	28.8	26	35	99	0	0
369	21.8	31.2	25	30	60	0	1
370	24	41.5	36	30	51	0	1
371	24	40.8	35	35	50	0	0
372	20.6	27.5	27	35	70	0	0
373	20.6	32.4	26	35	55	0	1
374	25.8	38.2	33	27	40	0	0
375	25.8	39.4	33	25	45	0	0
376	21.1	33.5	28	40	31	0	0
377	21.1	34.2	26	30	75	0	0
378	26.6	42.4	37	25	52	0	1
379	26.6	44.1	38	35	42	0	1
380	26.6	40.7	35	35	60	0	0
381	25.8	41.2	35	30	40	0	0
382	25.8	43.3	37	30	33	0	1
383	21.7	32	27	45	60	0	1
384	20.6	28.5	27	40	65	0	1
385	21.5	29.8	26	40	70	0	1
386	26.5	42.9	38	34	36	0	0
387	20.8	15.6	20	30	45	0	1
388	20.8	14.8	21	30	40	0	1
389	19.6	29.6	23	40	58	0	1
390	25.4	33	33	20	35	0	0
391	22.4	29.3	26	50	50	0	1
392	26.2	41.5	36	35	30	0	0
393	26.2	42.3	36	23	36	0	0
394	25.6	39.8	36	30	32	0	1
395	25.6	36.8	34	35	68	0	1
396	26.2	42.8	37	30	37	0	0
397	26.2	43.8	38	35	68	0	0
398	20.6	32.4	26	30	42	0	1
399	26.5	41.8	36	42	54	0	1
400	20.8	15.4	21	30	53	0	0
401	25.4	69	35	16	33	0.45	0
402	12	0	30	45	8	0.29	0
403	22	10	36	45	50	0.29	0
404	22	20	36	45	30	0.29	0
405	12	0.03	30	35	4	0.29	0
406	18.82	25	14.6	20.32	50	0.4	0
407	31.3	68	37	49	200.5	0.29	0
408	20	30	36	45	50	0.29	0
409	28.44	29.42	35	35	100	0	1

410	28.44	39.23	38	35	100	0	1
411	22.1	45.8	49.5	45.8	49.5	0.21	1
412	31.3	68	37	49	200.5	0.25	0
413	27.3	31.5	29.7	41	135	0.25	1
414	20	0. 100	36	45	50	0.25	0
415	27	35	35	42	359	0.25	1
416	26	150	45	30	200	0.25	0
417	27	37.5	35	37.8	320	0.25	1
418	27	32	33	42.6	301	0.25	0
419	18	0	30	20	8	0.3	1
420	22.4	10	35	30	10	0.25	1
421	21.4	10	30.34	30	20	0.25	1
422	12	0	30	35	4	0.25	1
423	20	20	36	45	50	0.5	0
424	27.3	10	39	41	511	0.25	1
425	20	0	24.5	20	8	0.35	1
426	12	0	30	45	8	0.25	0
427	27	40	35	43	420	0.25	0
428	27	32	33	42.2	289	0.25	1
429	24	0	40	33	8	0.3	1
430	18.5	12	0	30	6	0.25	0
431	25	46	35	47	443	0.25	1
432	27.3	10	39	40	470	0.25	1
433	22	10	36	45	50	0.25	0
434	22.4	10	35	45	10	0.4	0
435	27.3	16.8	28	50	90.5	0.25	1
436	22	0	40	33	8	0.35	1
437	20	20	36	45	50	0.25	0
438	27.3	26	1	50	92	0.25	1
439	20	0.1	36	45	50	0.5	0
440	22	20	36	45	50	0.25	0
441	27.3	14	31	41	110	0.25	1
442	27	50	40	42	407	0.25	1
443	25	46	35	44	435	0.25	1
444	18.5	25	0	30	6	0.25	0
445	12	0	30	35	4	0.25	1
446	25	46	35	46	432	0.25	1
447	27	40	35	47.1	292	0.25	0
448	25	55	36	44.5	299	0.25	1
449	27.3	10	39	40	480	0.25	1