

Supplementary Table S3.

Table 3a. Bed thickness, Rogue Apron to Trinidad Plunge Pool

Bed	31PC	02JC	33PC	05JC	34PC	06JC	07JC
T1	15	8	8	16	12	14	8
T2	6	14	18	16	12	10	18
T2a	6	7	12	14	11	5	6
T3	12	12	16	14	20	15	17
T3a	6	8	8	4	3	12	12
T4	9	14	12	8	10	17	18
T4a	6	6	4	2	0	4	10
T5	21	18	12	10	10	20	23
T5a	6	8	3	4	6	7	8
T5b	6	8	4	8	6	9	22
T5c	6	6	8	6	8	9	15
T6	12	9	14	12	14	10	
T6a	4	2	0	0	0	7	
T7	18	8	14	10	9	8	
T7a	8	8	8	3	0	6	
T8	18	16	24	17	9	18	
T8a	6	20	20	12	14	8	
T8b	8	20	16	13	20	23	
T9	14	24	40	16	12	28	
T9a	10	16	18	10	8	6	
T9b	10	12	10	4	6		
T10	13	15	21	12	11		
T10a	6	4	7	3	4		
T10b	17	12	10	8	9		
T10c	6	5	5	7	6		
T10d	13	7	5	5	5		
T10e	0	0	5	4	5		
T10f	20	15	15	6	10		
T11	23	21	55	25	30		

Notes:

1) Bed thickness in cm

Table 3b. Mass per event, Rogue Apron to Trinidad Plunge Pool

Bed	31PC	02JC	05JC	06JC	07JC
T1	165	17.85	33.66	139.23	49.47
T2	87	57.12	94.35	73.44	91.8
T2a	33	27.03	7.14	18.87	11.22
T3	175.5	26.01	115.77	243.78	364.65
T3a	24	10.2	7.14	111.18	85.17
T4	103.5	7.14	56.61	135.1500	125.97
T4a	25.5	20.91	0	22.44	26.01
T5	118.5	64.77	73.95	279.99	281.52
T5a	51	8.67	30.6	49.47	64.77
T5b	31.5	6.63	19.38	130.05	267.75
T5c	27	12.75	15.3	131.07	202.47
T6	79.5	29.07	64.26	51	
T6a	34.5				
T7	127.5	13.77	41.31	65.28	
T7a	28.5	16.83	17.34		
T8	124.5	93.84	115.77	236.64	
T8a	45	71.4	122.91		
T8b	46.5	90.27	118.83	292.74	
T9	129	229.5	173.91	210.63	
T9a	45	78.54	112.2	97.41	
T9b		20.91	41.31	132.6	
T10	201	93.84	99.96		
T10a	27	13.26	10.2		
T10b	153	90.27	34.17		
T10c	33	23.46	18.87		
T10d	36	26.52	26.01		
T10e	0	0	15.3		
T10f	126	43.35	44.88		
T11	447	176.9700	232.56		

Notes:

1) Mass derived from gamma density plots and scaled to match Goldfinger et al. (2012).

Table 3c. Peak density per event, Rogue Apron to Trinidad Plunge Pool

Bed	31PC	02JC	33PC	05JC	34PC	06JC	07JC
T1	1.65	1.32	1.25	1.31	1.37	1.5	1.45
T2	1.65	1.44	1.45	1.53	1.58	1.55	1.56
T2a	1.27	1.35	1.22	1.26	1.36	1.4	1.43
T3	1.47	1.38	1.28	1.5	1.59	1.7	1.88
T3a	1.28	1.35	1.22	1.32	1.37	1.54	1.62
T4	1.47	1.4	1.26	1.42	1.57	1.65	1.7
T4a	1.25	1.34	1.29	1.3	1.42	1.47	1.45
T5	1.67	1.38	1.29	1.55	1.67	1.7	1.75
T5a	1.3	1.33	1.24	1.35	1.43	1.51	1.6
T5b	1.3	1.35	1.24	1.35	1.43	1.7	1.82
T5c	1.66	1.36	1.26	1.32	1.41	1.75	1.83
T6	1.44	1.38	1.275	1.35	1.41	1.5	
T6a	1.28						
T7	1.55	1.38	1.28	1.35	1.45	1.6	
T7a	1.3	1.38	1.65	1.37			
T8	1.64	1.46	1.38	1.4	1.55	1.65	
T8a	1.38	1.33	1.35	1.46	1.46	1.57	
T8b	1.38	1.46	1.38	1.56	1.65	1.8	
T9	1.67	1.6	1.44	1.61	1.7	1.77	
T9a	1.3	1.349	1.39	1.55	1.57	1.75	
T9b	1.35	1.45	1.38	1.48	1.56	1.76	
T10	1.67	1.51	1.41	1.57	1.66		
T10a	1.32	1.44	1.32	1.4	1.48		
T10b	1.7	1.53	1.5	1.42	1.63		
T10c	1.37	1.47	1.36	1.42	1.49		
T10d	1.36	1.48	1.33	1.42	1.61		
T10e	0	0	1.31	1.41	1.59		
T10f	1.58	1.47	1.32	1.4	1.6		
T11	1.75	1.63	1.53	1.7	1.72		

Notes:

- 1) Peak basal density in g/cc
- 2) T9a and T9b may be combined in 31PC and 30 PC.
- 3) Events below T6 not tracked in 07PC due to lack of age control.
- 4) T6a not observed in 02JC, 33PC, 05JC
- 5) T7a not observed south of Smith Apron, though it may be present in 06 and 07JC.