

Grain Number (Ma)	Track Density (x 10 <sup>6</sup> tr/cm <sup>2</sup> ) Binomial	-0.95	0.95	Reported age	± 1_	Age	Dpar	Age minus fluvial lag time
(Ma)	(No. of Tracks)							
	_s (Ns)	_i (Ni)	_d (Nd)					
1166A80_1	2	2.16	1.5	2.16	240±48	245	161	356
205								
-50	-54	(4	680)					
1166A80_2	1.89	1.66	1.5	2.04	294±76	303	175	494
259								
-33	-29	(4	680)					
1166A80_4	2.52	1.97	1.5	2.14	330±68	336	219	496
295								
-55	-43	(4	680)					
1166A80_5	1.6	2	1.5	1.95	208±99	233	72	569
198								
-8	-10	(4	680)					
1166A80_6	0.513	0.417	1.5	2.35	317±119	339	145	696
282								
-16	-13	(4	680)					
1166A80_8	2.31	2.27	1.5	1.84	264±53	269	177	392
229								
-52	-51	(4	680)					
1166A80_9	3.81	4.01	1.5	2.33	246±79	259	126	478
211								
-19	-20	(4	680)					
1166A60_1	7.01	3.71	1.52	2.22	488±101	497	327	733
453								
-70	-37	(4	742)					
1166A60_3	0.321	0.534	1.52	2.02	159±118	207	25	777
172								
-3	-5	(4	742)					
1166A60_4	0.81	0.841	1.52	1.94	250±78	262	130	476
215								
-20	-21	(4	742)					
1166A60_5	1.74	2.09	1.52	2.05	219±48	224	140	338
184								
-39	-47	(4	742)					
1166A60_7	0.128	0.16	1.52	2.05	211±142	262	42	926
227								
-4	-5	(4	742)					
1166A60_8	3.66	2.67	1.52	2.11	357±81	365	229	560
322								
-48	-35	(4	742)					
1166A60_9	14.24	13	1.52	2.24	287±48	291	208	396

252									
-80	-73	(4	742)						
1166A60_10	1.12	1.07	1.52	2.17	275±87	289	144	525	
240									
-21	-20	(4	742)						
1166A60_11	0.712	1.07	1.52	1.8	176±114	217	37	712	
182									
-4	-6	(4	742)						
1166A60_12	9.93	4.81	1.52	2.29	531±98	539	373	762	
496									
-93	-45	(4	742)						
1166A60_15	8.76	4.59	1.52	2.47	492±50	493	410	590	
457									
-328	-172	(4	742)						
1166A100_1	0.045	0.045	1.51	2.33	261±369	612	3		
9310	577								
-1	-1	(4	711)						
1166A100_2	0.993	0.929	1.51	2.27	278±73	287	164	472	
243									
-31	-29	(4	711)						
1166A100_3	0.534	0.507	1.51	2.2	274±88	288	140	532	
239									
-20	-19	(4	711)						
1166A100_4	7.5	4.65	1.51	2.39	416±47	418	339	511	
381									
-234	-145	(4	711)						
1166A100_5	3.95	3.74	1.51	2.35	275±66	283	170	444	
240									
-37	-35	(4	711)						
1166A100_7	2.68	2.08	1.51	3.18	334±63	339	231	484	
299									
-67	-52	(4	711)						

analyses by external detector method using 0.5 for the  $4\pi/2\pi$  geometry correction factor

ages calculated using dosimeter glass: IRMM 540R with  $_{540R} = 352.4 \pm 12.1$

binomial age with 95% confidence limits after Brandon (1992) and Galbraith (2005) where grain counts (Ns) are low ( $N_s \leq 10$ )

Dpar is the mean etch pit diameter ( $\mu\text{m}$ ) parallel to c-axis