

Table 5. Summary of age clusters of ZFT data.

sample code	n	central age $\pm 1\sigma$ [Ma]	MSWD	$P(\chi^2)$	dispersion +/- 95%CI [%]			cluster 1 $\pm 1\sigma$ [Ma]	cluster 2 $\pm 1\sigma$ [Ma]	cluster 3 $\pm 1\sigma$ [Ma]
HJG1-F	30	24.54 $\pm$ 3.89	26	0	83.50	+29.6	-19.7	22.96 $\pm$ 0.93		127.30 $\pm$ 8.68
HJG1-0-5cm	30	37.06 $\pm$ 4.61	28	0	65.8	+22.0	-14.6	22.86 $\pm$ 1.30	53.98 $\pm$ 2.57	113.03 $\pm$ 4.07
HJG1-5-10cm	30	27.55 $\pm$ 2.66	17	0	50.2	+17.3	-11.6	16.59 $\pm$ 1.04	38.34 $\pm$ 1.19	122.4 $\pm$ 10.8
HJG1-0m	28	26.53 $\pm$ 1.92	6.2	0	34.40	+13.65	-9.26	23.48 $\pm$ 0.91	44.99 $\pm$ 2.87	
HJG1-1m	30	33.71 $\pm$ 2.36	9.9	0	34.99	+12.63	-8.51	26.70 $\pm$ 1.37	39.48 $\pm$ 2.22	90.36 $\pm$ 6.19
HJG1-3m	30	28.21 $\pm$ 1.76	5.5	0	29.98	+11.68	-8.11	25.40 $\pm$ 0.86	48.01 $\pm$ 2.48	
HJG1-10m	30	26.85 $\pm$ 2.30	11	0	43.8	+15.3	-10.3	26.35 $\pm$ 0.75		166.0 $\pm$ 21.3
HJG1-20m	30	25.28 $\pm$ 2.07	8.4	0	40.6	+14.9	-10.1	20.83 $\pm$ 1.55	43.62 $\pm$ 3.86	
HJG2-F	30	33.42 $\pm$ 2.90	15	0	44.2	+15.8	-10.6	27.18 $\pm$ 1.05	45.62 $\pm$ 1.79	96.47 $\pm$ 5.36
HJG2-0-5cm	30	29.84 $\pm$ 3.91	31	0	69.6	+23.2	-15.4	26.82 $\pm$ 0.80		103.28 $\pm$ 4.31
HJG2-5-10cm	30	38.16 $\pm$ 4.29	28	0	59.6	+19.9	-13.2	30.88 $\pm$ 0.99		91.15 $\pm$ 3.14
HJG2-0m	30	24.13 $\pm$ 1.84	6.7	0	37.55	+14.20	-9.73	26.63 $\pm$ 0.80		
HJG2-1m	30	28.63 $\pm$ 2.19	6.9	0	37.65	+14.19	-9.69	24.61 $\pm$ 1.13	49.29 $\pm$ 3.08	
HJG2-3m	30	25.38 $\pm$ 1.26	2.6	3.4E-06	20.72	+10.29	-7.77	26.49 $\pm$ 0.80		
HJG2-10m	30	29.49 $\pm$ 2.75	12	0	47.7	+16.8	-11.2	21.27 $\pm$ 1.00	46.24 $\pm$ 1.96	116.6 $\pm$ 12.4
HJG4-0m	30	24.18 $\pm$ 1.31	2.9	2.1E-07	22.98	+10.93	-8.05	25.03 $\pm$ 0.80		
HJG4-1m	30	28.27 $\pm$ 2.17	8.4	0	38.15	+14.26	-9.55	26.04 $\pm$ 0.82		76.34 $\pm$ 5.52
HJG4-3m	30	26.42 $\pm$ 1.55	4.3	8.2E-14	27.33	+11.50	-8.13	23.61 $\pm$ 0.92	41.42 $\pm$ 2.68	
HJG4-10m	30	24.28 $\pm$ 1.85	9.3	0	38.37	+13.77	-9.29	23.15 $\pm$ 0.65		59.75 $\pm$ 3.94