

Sample	Location	Depth (m)	Moisture (%)	^{238}U (ppm)	^{232}Th (ppm)	K (%)	D_e (Gy)	D_0 (Gy kyr $^{-1}$)	Age (ka)
AIP25*	WAG cover	1.0	12 \pm 7	2.58 \pm 0.04	8.42 \pm 0.23	1.12 \pm 0.02	44.7 \pm 2.3	2.78 \pm 0.26	16.1 \pm 1.7
AIP26*	WAG cover	0.5	12 \pm 7	2.35 \pm 0.04	7.62 \pm 0.21	1.01 \pm 0.01	39.0 \pm 1.4	2.01 \pm 0.16	15.1 \pm 1.5
AIP38*	SDF1 fw	3.7	10 \pm 7	0.82 \pm 0.02	3.54 \pm 0.11	1.17 \pm 0.02	543.1 \pm 33.7	2.13 \pm 0.20	255 \pm 29
AIP39*	SDF1 hw	3.6	10 \pm 7	1.78 \pm 0.03	7.56 \pm 0.21	1.18 \pm 0.02	273.5 \pm 20.2	2.64 \pm 0.25	104 \pm 12
AIP40*	SDF1 hw	3.3	10 \pm 7	1.84 \pm 0.03	7.64 \pm 0.21	1.24 \pm 0.02	154.0 \pm 5.5	2.72 \pm 0.25	56.6 \pm 5.7
AIP41*	SDF1 hw	2.6	10 \pm 7	2.69 \pm 0.04	10.46 \pm 0.28	1.61 \pm 0.02	168.7 \pm 5.9	3.45 \pm 0.32	48.9 \pm 4.8
AIP44*	SDF1 hw	1.9	10 \pm 7	1.49 \pm 0.03	5.92 \pm 0.17	0.91 \pm 0.01	36.7 \pm 2.1	2.26 \pm 0.22	16.3 \pm 1.8
AIP46*	SDF1 hw	1.2	10 \pm 7	2.39 \pm 0.04	9.12 \pm 0.25	1.44 \pm 0.02	43.6 \pm 1.6	2.01 \pm 0.16	13.8 \pm 1.4
AIP93	SDF3 hw	4.1	12 \pm 7	1.64 \pm 0.03	8.06 \pm 0.22	1.25 \pm 0.02	419.2 \pm 39.4	3.17 \pm 0.30	158 \pm 21
AIP95	SDF3 hw	3.1	12 \pm 7	1.87 \pm 0.03	9.41 \pm 0.26	0.97 \pm 0.02	317.4 \pm 29.1	2.58 \pm 0.24	123 \pm 16
AIP96	SDF3 hw	2.6	12 \pm 7	2.22 \pm 0.04	8.96 \pm 0.24	1.26 \pm 0.02	292.0 \pm 13.5	2.62 \pm 0.25	111 \pm 12
AIP97	SDF3 hw	2.1	12 \pm 7	2.22 \pm 0.04	8.96 \pm 0.24	1.26 \pm 0.02	205.1 \pm 13.3	2.90 \pm 0.26	70.8 \pm 8.0
AIP98	SDF3 hw	1.8	12 \pm 7	2.19 \pm 0.04	8.28 \pm 0.25	1.19 \pm 0.02	91.6 \pm 7.5	2.78 \pm 0.25	32.9 \pm 4.1
AIP102	SDF3 hw	0.3	15 \pm 7	3.01 \pm 0.04	12.14 \pm 0.33	1.30 \pm 0.02	15.7 \pm 0.9	3.29 \pm 0.30	4.8 \pm 0.5
AIP103	SDF3 fw	1.4	10 \pm 7	0.57 \pm 0.01	1.79 \pm 0.06	1.04 \pm 0.02	384.6 \pm 59.7	1.88 \pm 0.18	205 \pm 37
AIP114	SDF3 fw	0.65	10 \pm 7	0.57 \pm 0.01	1.79 \pm 0.06	1.04 \pm 0.02	468.3 \pm 43.4	1.81 \pm 0.17	259 \pm 35

* Refer to samples published by Weissl et al. (2017). Location refers to either of the trenches (SDF1, SDF3, WAG) and the location with respect to the MF, with hw being the hanging wall and fw being the footwall. Depth (m) is the depth of the sampling location in metres below present-day surface. D_e (Gy) is the equivalent dose in grey (Gy). D_0 (Gy kyr $^{-1}$) is the dose rate in grey values per 1000 years.