Data Repository Item F - Zircon He analytical results from Cantwell Formation bentonite

Sample Name	length 1 (mm)	width 1 (mm)	length 2 (mm)	width 2 (mm)	2X Term	Dim Mass (mg)	rs (mm)	4He (nmol/g)	±	U (ppm)	±	Th (ppm)	±	eU	4He (ncc)	±	U (ng)	±	Th (ng)	±	Th/U	Raw Date (Ma)	±	Ft	± (%)	Corrected Date (Ma)	Full Unc. (Ma)	Analytical Uncertainity (Ma)	Notes
East Fork Toklat	84.5	40.7	87.3	41.0	Y	0.67	24.67	223.999	0.284	1112.79	22.54	976.27	19.91	1342.2	3.346	0.004	0.7417	0.015	0.6507	0.008	0.877	30.86	0.51	**0.568**	37.3	54.29	20.27	0.51	Small, euhedral, inclusions
East Fork Toklat	104.2	47.9	107.8	47.1	Y	1.11	29.01	19.697	0.038	143.47	3.09	63.13	1.37	158.3	0.491	0.001	0.1595	0.003	0.0702	0.001	0.440	23.04	0.44	**0.626**	30.3	36.77	11.18	0.44	Small, broken
East Fork Toklat	103.6	51.5	100.2	50.7	Y	1.24	30.74	12.286	0.027	69.77	3.31	29.09	1.39	76.6	0.341	0.001	0.0863	0.004	0.0360	0.001	0.417	29.68	1.25	**0.645**	26.9	46.02	12.55	1.25	Small, broken
																									Average age:	45.70			
																									STDEV error:	8.76			