

DRAC 2.0

Location	Sample Code	Collection Date	Depth below surface (m)	Field water content* (%)	Cosmic dose-rate (Gy ka ⁻¹)	K (%)	U (ppm)	Th (ppm)	Infinite matrix Alpha dose-rate (Gy ka ⁻¹)	Infinite matrix Beta dose-rate (Gy ka ⁻¹)	Infinite matrix Gamma dose-rate** (Gy ka ⁻¹)	Total dose-rate*** (Gy ka ⁻¹)
Nile River	LAN1	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	2.4 ± 0.51	14.47 ± 1.69	17.38 ± 1.894	1.708 ± 0.143	1.26 ± 0.105	3.213 ± 0.182
	LAN9	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN11	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN5	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN6	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN7	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN10	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN12	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN8	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN3	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN4	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184
	LAN2	2011-10-07	2.22 ± 0.05	5.0 ± 2.0	0.159 ± 0.01	1.2 ± 0.14	3.4 ± 0.51	14.47 ± 1.69	20.175 ± 1.894	1.854 ± 0.143	1.371 ± 0.105	3.487 ± 0.184