



Australian Government

Geoscience Australia

GRID DATA TYPES

Grid Type	Description	Units
Unfiltered K	K element concentrations	% K
Unfiltered U	U element concentrations	ppm eU
Unfiltered Th	Th element concentrations	ppm eTh
Unfiltered Dose	Terrestrial dose rate derived as a linear combination of the unfiltered K, U and Th grids described above (see Minty et al., 2009)	nG/h
Filtered K	Low-pass filtered K element concentrations	% K
Filtered U	Low-pass filtered U element concentrations	ppm eU
Filtered Th	Low-pass filtered Th element concentrations	ppm eTh
Ratio Th/K	Ratio of Th over K derived from the filtered Th and K grids	dimensionless
Ratio U/K	Ratio of U over K derived from the filtered U and K grids	dimensionless
Ratio U/Th	Ratio of U over Th derived from the filtered U and Th grids	dimensionless
Filtered Dose	Terrestrial dose rate derived as a linear combination of the filtered K, U and Th grids described above (see Minty et al., 2009)	nG/h
Total Dose	Total dose rate due to terrestrial and cosmic radiation, derived by adding the estimated cosmic dose contribution to the filtered dose due to terrestrial sources described above	<u>nG/h</u>