

Cover image

Radiometric image (K:Th:U) of the east Pilbara Craton, Western Australia (potassium, red; thorium, green; uranium, blue). These images correlate closely with traditional geological maps because they display both outcropping rock and cover material (regolith). The spectrometric data represents the absolute concentration of K, Th, and U in the upper 0.3 m of the Earth. Granitic rocks and overlying quartzofeldspathic sandy regolith appear as red, yellow, and white, whereas greenstones appear as darker colours. The E–W distance across the image is 330 km. Image courtesy of the Geoscience and Resource Strategy Division, Department of Mines, Industry Regulation and Safety.
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