

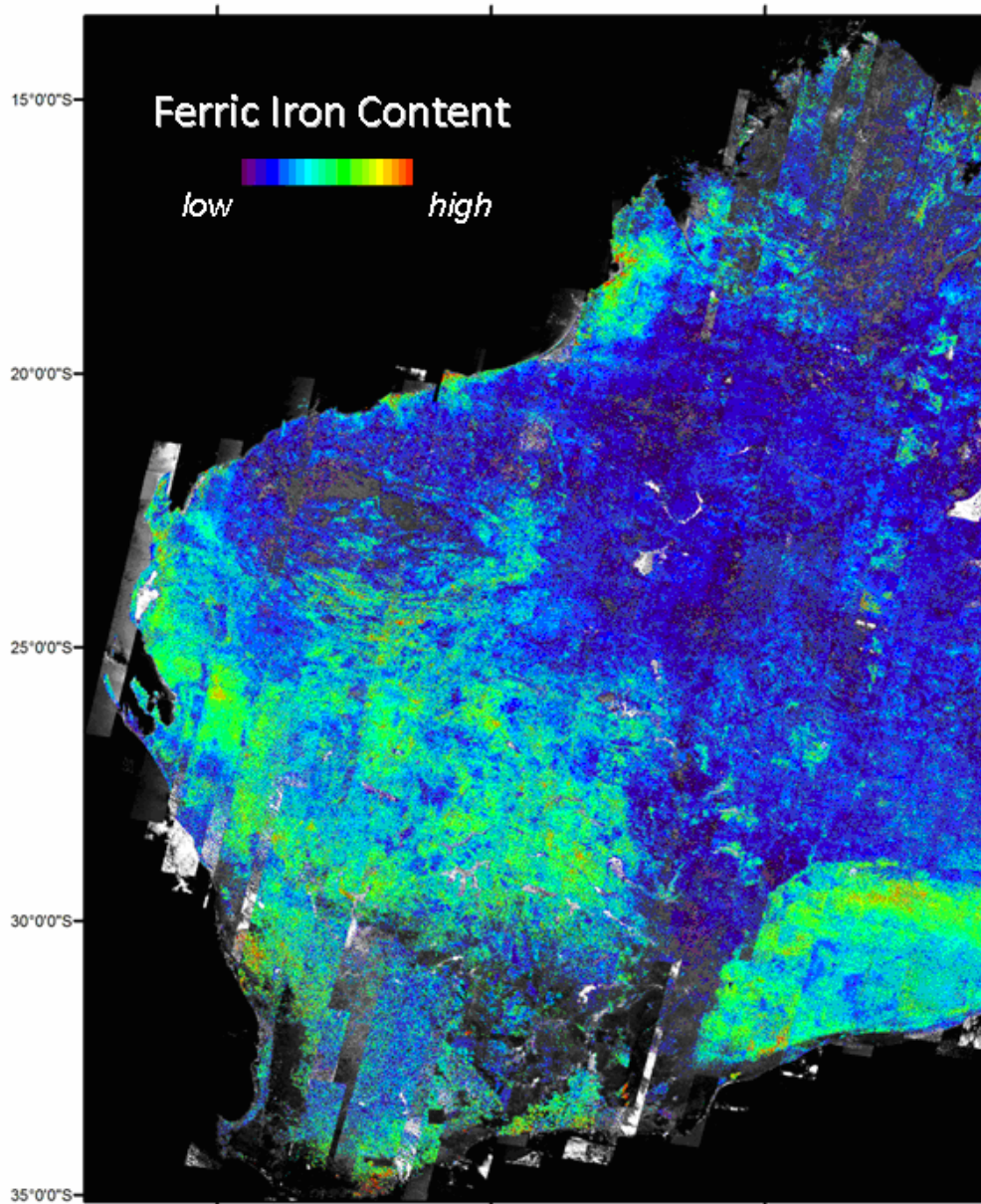
## Regolith expression and character of ore deposits and potential for remote sensing applications

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Regolith materials spatially and chemically associated with various types of ore deposits, such as iron oxides, manganese oxides and gold deposits for example, have the potential to be mapped and characterised using remote sensing techniques. With the release of new state-scale multispectral data such as the Advanced Spaceborne Thermal Emission and Reflectance Radiometer (ASTER) Geoscience map of Western Australia (see Figure 1), these applications may be tested and evaluated, along with identifying ore deposit types and characteristics best suited to using remote sensing techniques.



**Figure 1:** Example geoscience products: iron oxide content from ASTER map coverage for Western Australia (band 2 used as reference background image) available from [http://c3dmm.csiro.au/WA\\_ASTER/index.html](http://c3dmm.csiro.au/WA_ASTER/index.html)

**Notes**