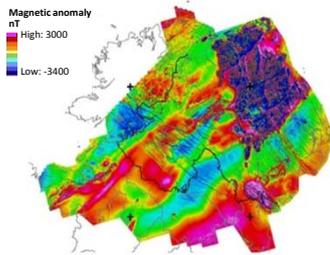
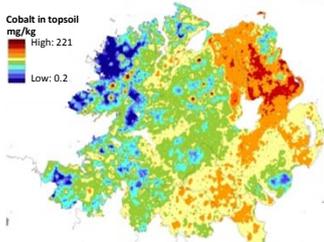


Understanding Underground



Geophysical data

8 geophysical datasets including total magnetic intensity (above) showing new detail in regional geological features



Geochemical data

Over 150 geochemical datasets, including topsoil, stream sediments and stream water, revealing geological controls on the chemistry of earth materials

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Learn more and sign up for notifications at www.tellus.ie

Tellus is a regional mapping project, combining airborne geophysical and geochemical surveys to provide world-class geoscientific information for the island of Ireland

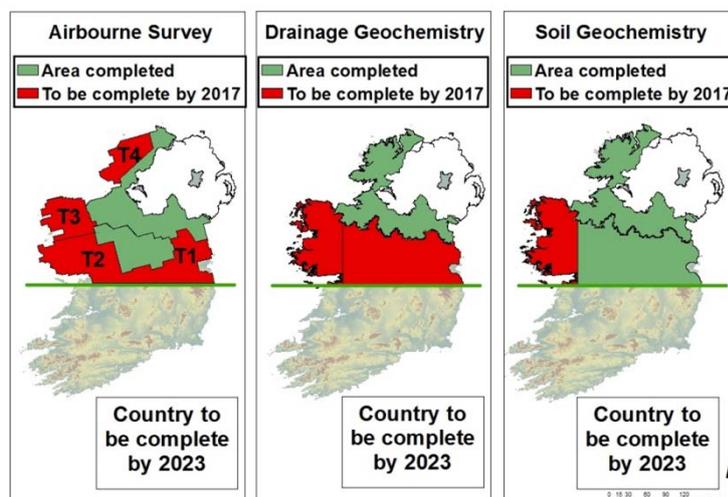
Since 2007, over 25,000 km² of the island of Ireland has been surveyed through Tellus surveys which support mineral exploration, environmental management, agriculture and research activity.

The Tellus Border Project was a €5.4M EU INTERREG IVA-funded regional mapping project across the six Republic of Ireland border counties, following on from the Tellus project in Northern Ireland completed in 2007. The geochemical survey entailed analysis of soil, stream sediment and stream water samples from 3,500 sites for over 50 elements and compounds. The airborne geophysics survey was a low-level survey (60m), measuring magnetic field, radiometrics and electrical conductivity. Outputs from Tellus Border, including data, maps and reports are available online, free of charge, at www.tellus.ie. The sample archive at the Geological Survey of Ireland is available to researchers on an application basis.

Tellus continues as a programme area in the Geological Survey of Ireland, funded by the Department of Communications, Energy and Natural Resources. The current survey phase, Tellus North Midlands, follows southwards from the border region survey and aims to complete airborne geophysics data acquisition and geochemical sample collection by mid-2015.

Tellus mapping programme 2015-2017

The Geological Survey of Ireland aims to complete Tellus surveying in 50% of the country by end 2017, with the view to completing the country in subsequent phases.



The Tellus team would be pleased to hear from potential partners interested in collaborative research and funding bids for future phases of surveying.