

Activity Notice

Regional Airborne Geophysics Survey

Mineral Resources Tasmania (MRT), in collaboration with Geoscience Australia (GA), is carrying out an airborne magnetic and radiometric survey in a region within central and eastern Tasmania. Geophysical surveys are widely used for environmental science and land management purposes as well as for mineral and energy resources exploration. This survey will provide regional data coverage that will enable informed decisions to be made regarding natural resource management and exploration investment. It is a continuation of similar previous surveys that have covered all of western and northern Tasmania (including King and Flinders islands) and most of the Australian mainland.

Survey methods

Aircraft fitted with specialised instruments are able to map variations in the Earth's magnetic field and radioelement abundance. Airborne surveys avoid the need for any ground disturbance.

What you may see

A small fixed-wing aircraft or helicopter, will make a single pass approximately 80 m above the ground, along flight lines 200 m apart. Figure 1 shows an example of such aircraft.



Figure 1: Examples of geophysical survey aircraft, a) Cessna 210 fixed-wing aircraft and b) Airbus AS350-B2 helicopter (photos courtesy of MAGSPEC).

Timeframes and work area

The airborne survey is proposed to begin in early February 2021 and be completed by late March 2021. The survey area is shown in Figure 2 and is divided into 3 blocks. Block 1 will be flown with a Cessna 210 fixed-wing aircraft, while blocks 2 and 3 will be flown with an Airbus AS350-B2 helicopter.

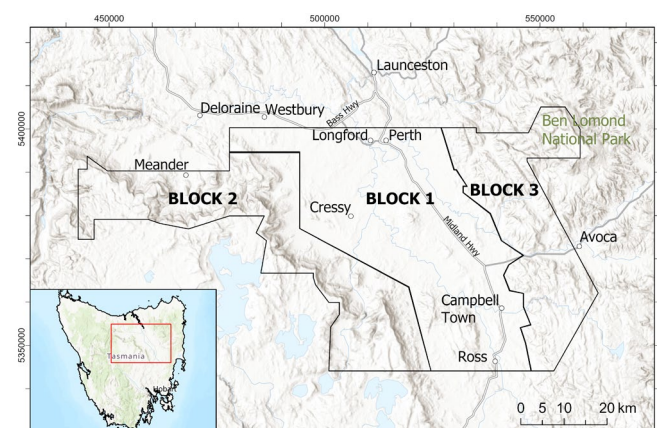


Figure 2: Location of the airborne geophysical survey.

Important to know

All data produced by MRT and GA from this survey will be freely available after quality control checks have been performed. The survey will not involve any disturbance to the ground outside of regular airfields.

If you have any concerns with this activity please contact MRT (see contact details below).

For further information:

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