

## AIRBORNE GRAVITY SURVEY NOTIFICATION NOVEMBER & DECEMBER 2024

Gold and Copper Resources Pty Limited (GCR) manage multiple exploration licences exploring for gold and copper in the NSW Central West. **GCR will be undertaking an airborne gravity survey in November and December 2024.**

### What is an airborne gravity survey?

An airborne gravity survey is carried out by aircraft using state-of-the-art technology to detect extremely small variations in the earth's gravity field.

### How is the earth's gravity measured?

The earth's gravity is calculated using a gravity gradiometer, which is an instrument that measures the spatial rate of change of the components of the gravity field and is very sensitive to high-frequency spatial variations in the field. Variations are related to differences in the density of rocks in the subsurface and can be interpreted to improve understanding about the location and shape of geological structures beneath the surface. The gravity gradiometer is a pole, attached below the tail of the plane continually measuring the gravity field during the survey.

### What does the aircraft look like?

The survey will be carried out by an aircraft with fixed wing and single propeller.



### Why is the survey being flown?

An airborne gravity survey is an effective way of covering a very large area in a short time and enables consistent regional coverage over varied landscapes.

### How high will the aircraft fly?

The aircraft will fly approximately 80m above the ground along 200m spaced lines in an east west direction.

### When will the survey begin and how long will it take?

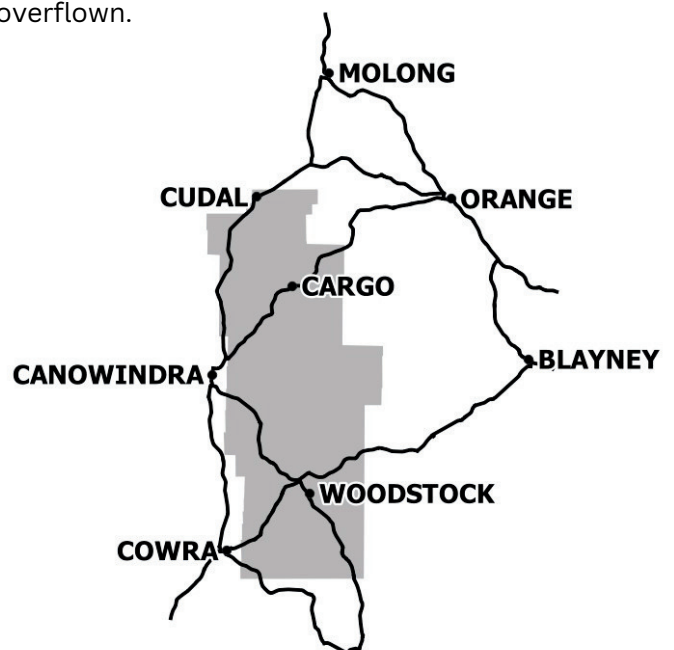
The survey is expected to begin in early November 2024 and take up to a month to complete dependent on favourable weather.

### Will the survey disturb my animals and stock?

The noise of the aircraft will be similar to a low-flying crop duster and the sound may potentially disturb sensitive animals.

### Where will the survey take place?

The survey is being flown from Cudal in the north to Cowra in the south. Towns will not be directly overflown.



### More Information?

Please contact Paula Dell-McCumstie for further information relating to the exploration activities.

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