

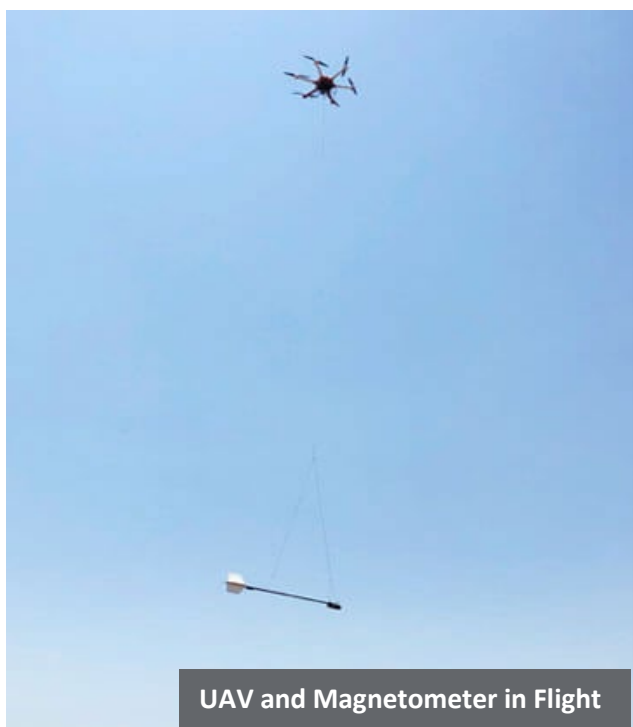
FACT SHEET

UAV (Drone) Magnetics

What is a UAV magnetic survey?

This non-invasive technique measures the magnetic response of subsurface rocks and structures without the need to disturb the ground. It is carried out utilising an Unmanned Aerial Vehicle (UAV) also known as a drone.

The UAV may be a hexacopter or a fixed wing depending on the terrain.

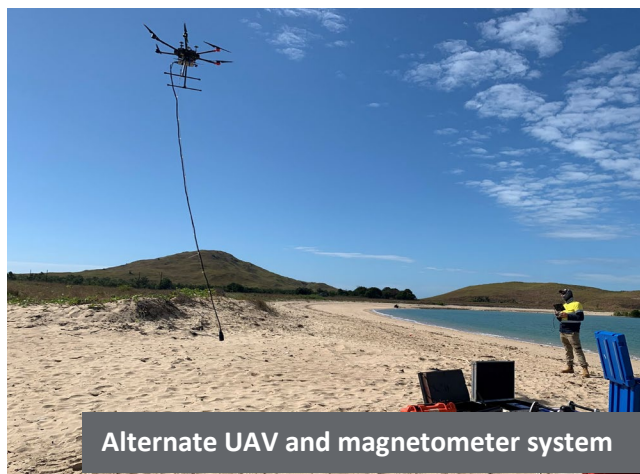


Why use UAV Magnetics?

To detect geological structures that host sulfide mineralisation aiding targeting for follow up exploration. Drone Magnetics is up to 10 times faster than a ground magnetics survey.

What's involved in the Survey?

- An airborne magnetic survey is flown using a UAV equipped with a magnetometer, which is suspended approximately 5m below the UAV.
- The UAV is flown at an elevation of 30-40m above the ground, with the magnetometer around 25-35m above the ground.
- Data is collected on east-west flight lines spaced 20m apart.
- Once the survey is complete, the data is sent off for processing and maps are subsequently generated for geologists and geophysicists to interpret.



What is the impact?

- If permission to access private land is granted, we will coordinate our geophysical program to minimise any impacts.
- You may see a UAV flying and contract crew (pilots) working in pairs along road verges, within private property and council reserves.
- This method of geophysical survey is non-invasive, meaning that none of the equipment penetrates the ground or any of the ground material is removed.
- In most cases, a drone survey eliminates the requirement for physical access to private properties, however no survey would proceed without permission from the landholder.

How do I find out more?

Please contact the Fosterville Gold Mine (FGM) Community Team via the email and phone details below:

Phone: 03 5439 9300

Email: fgm.community@agnicoeagle.com

Web: fgmcommunity.com.au

For information about your rights as a landholder please scan the QR code:



This Land Access Guide has been created by the Minerals Council of Victoria and Victorian Farmers Federation. If you would prefer a physical copy of this guide, please contact a member of the FGM Community Team.