

AGNICO EAGLE–ÉCOLE MINE (JOUBI)

CANADA

AeroVision™ Magnetics

We present the results of an AeroVision™ UAV magnetic survey flown over Agnico Eagle's École Mine (Joubi) property near Val-d'Or, Quebec. The 77-km survey was conducted in December 2017, using **Devbrio's onboard Collision Avoidance System**, which allows the UAV to fly safely at lower altitude.



The area had been previously flown with a helicopter-towed magnetic system.

Heliborne survey:

Average altitude: 156m; standard deviation: 63m; average sample interval: 7m.

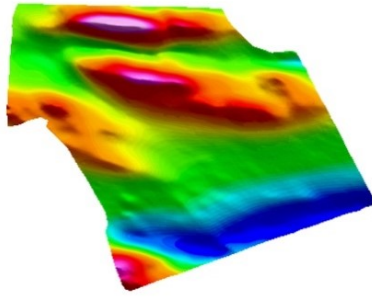
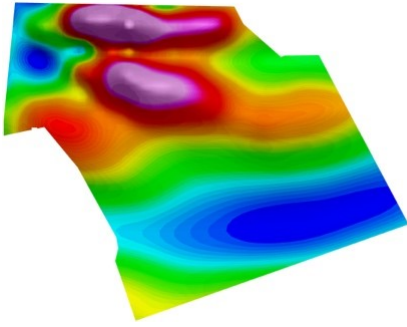
AeroVision survey:

Average altitude: 30m; standard deviation: 0.7m; average sample interval: 1m.

The improved resolution of the drone-towed system is evident in a side-by-side comparison.

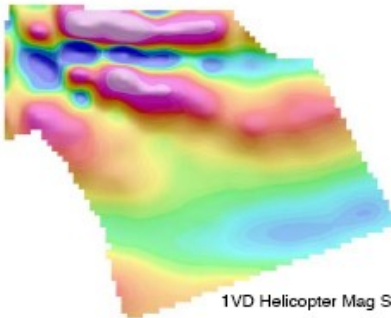
**Helicopter Mag, First Total
Magnetic Intensity**

**AeroVision™ Mag, Total
Magnetic Intensity**

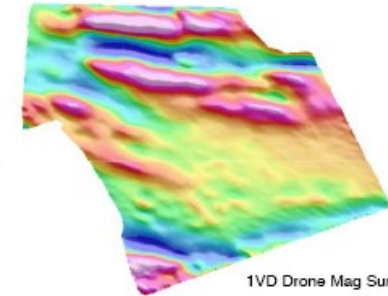


Helicopter Mag, First Vertical Derivative

AeroVision™ Mag, First Vertical Derivative



1VD Helicopter Mag Survey



1VD Drone Mag Survey

Data compliment of:



AeroVision in partnership with:

