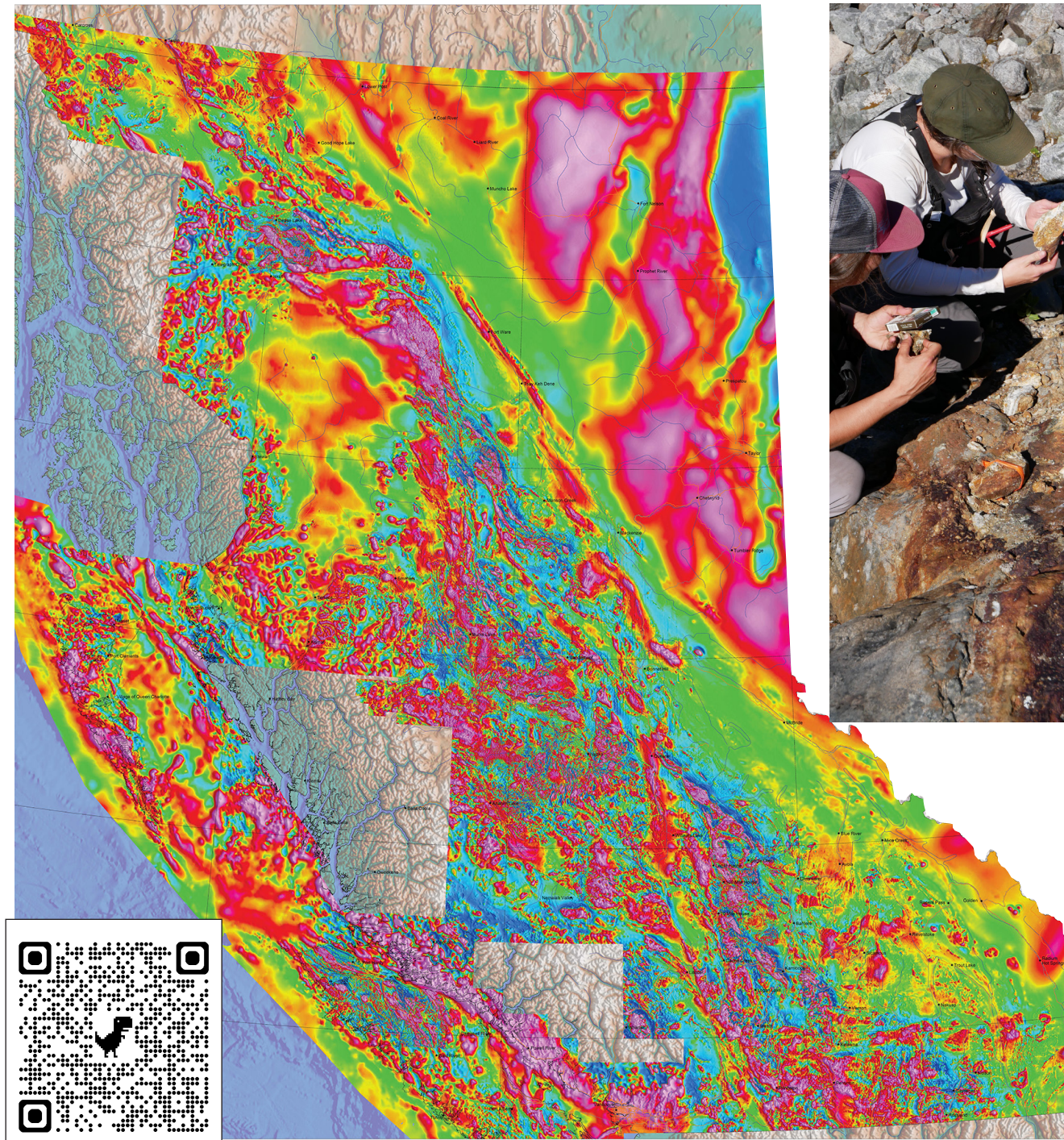


# New release: High-resolution aeromagnetic compilations of British Columbia

As part of British Columbia's ongoing critical minerals geoscience data delivery, the Geological Survey of Canada and the British Columbia Geological Survey, with input from Geoscience BC, have released new province-wide compilations of high-resolution aeromagnetic data.

A foundational tool for exploration and mapping, data collected from 69 helicopter and fixed-wing surveys flown as recently as 2020 were digitally levelled and merged with past surveys at 100 m resolution.

## Residual total magnetic field





Oneschuk, D., Hayward, N., Fortin, G., and Hickin, A.S., 2024. Residual total magnetic field and first vertical derivative of the magnetic field: Compilations of British Columbia. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Open File 2024-08. Also published as Geological Survey of Canada Open File 9222, 1:500,000 scale. <https://doi.org/10.4095/p1xpdgswc>

# First vertical derivative of the magnetic field

The vertical change of the magnetic field improves the resolution of closely spaced magnetic anomalies.

