

DGGS Geophysics News January 2024

State-funded District-Scale Geophysical Surveys Restarting in 2024!!

The Alaska Division of Geological & Geophysical Surveys (DGGS) is pleased to announce the restart of district-scale airborne geophysical surveys, with a focus on electromagnetic, starting within the Kuskokwim region (a U.S. Geological Survey [USGS] Earth MRI focus area). See the map of possible areas.

REMINDER - For upcoming and planned geophysical surveys in Alaska check out:

Geophysics survey web app: <https://maps.dggs.alaska.gov/gp/>

To see USGS-funded Earth MRI activities in Alaska and the lower 48, visit the USGS Earth MRI Status Page <https://ngmdb.usgs.gov/emri/#3.24/64.16/-149> (note: this tends to be updated less frequently)

Airborne Geophysics Open Enrollment February 2024

ATTENTION airborne magnetic/radiometric and electromagnetic (EM) vendors: DGGS will host an open enrollment period to give vendors the opportunity to be on Master Agreement and become eligible to bid on projects. Current EM vendors must provide evaluation data for any new, modified, or missing EM systems that were not previously evaluated. No further action is required for current magnetic vendors.

QA/QC, Modelling, Ground EM methods, and More

DGGS is seeking QA/QC, processing, modelling, and other value-added services for: Electromagnetics, Magnetics, Radiometrics, Passive Seismic, and more. DGGS is also interested in identifying magnetotelluric (MT) data acquisition vendors. If you offer these services, please contact DGGS geophysics program staff (contact details below).

DGGS–USGS Earth MRI Surveys

Magnetic and Radiometric data collection will continue in the Kuskokwim region in 2024. DGGS anticipates finishing the region 2025. Electromagnetic data acquisition for the Seward Peninsula electromagnetic survey will be completed in 2024. The five-year, expanded Earth MRI funding resulting from the Bipartisan Infrastructure Law (BIL) will continue through the U.S. Federal Fiscal Year (FFY) 2026. Data acquisition from these funds will likely continue through calendar year 2027, subject to appropriation. The AK Geophysics Earth MRI program is expected to continue at pre-BIL funding levels, ~\$500K/yr, in FFY 2027, 2028, and 2029. See the main Geophysics poster for details of current Earth MRI funded activities.

DGGS geophysics staff grows to two! Please extend a warm welcome to DGGS's new geophysicist, Logan Fusso!

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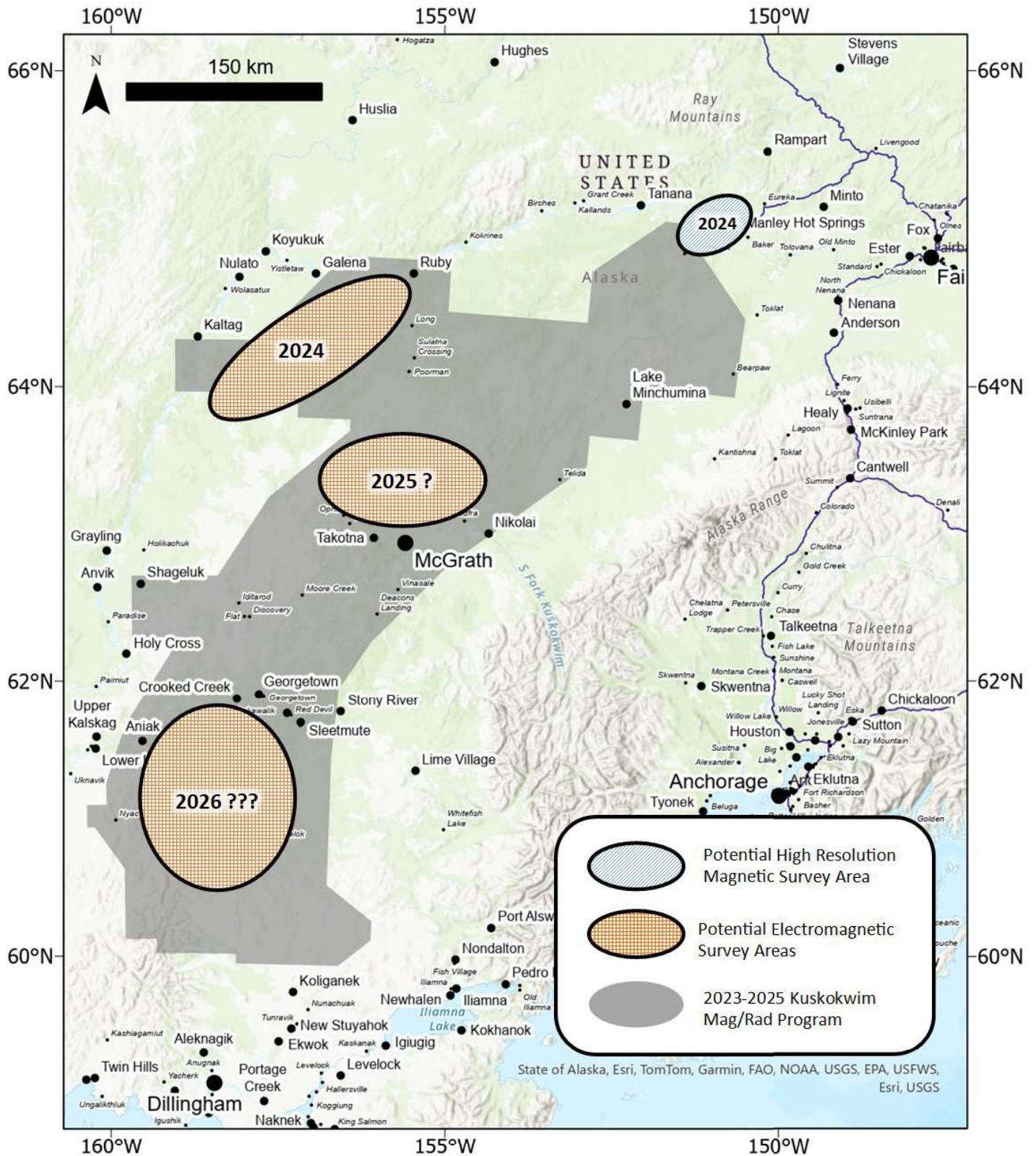


Figure 1. Potential State-funded survey areas and current Kuskokwim Earth MRI magnetic and radiometric program.