gpr2014-005_browsegraphic.pdf

Figure 1: Location map showing East Styx survey area in Alaska.

Figure 2: Location map showing East Styx survey and adjacent previously flown surveys.

Figure 3: Location map showing map sheet boundaries, ITMA quadrangles, and rivers of the East Styx survey area.

Figure 4: Residual magnetic field for East Styx survey.

Figure 5: First vertical derivative for the East Styx survey.

Figure 6: Analytic signal for the East Styx survey.

Figure 7: 7200 Hz coplanar apparent resistivity for the East Styx survey.

Please see the Geotiff or KMZs for images of the other apparent resistivity and radiometric data. The maps split each image onto three sheets.

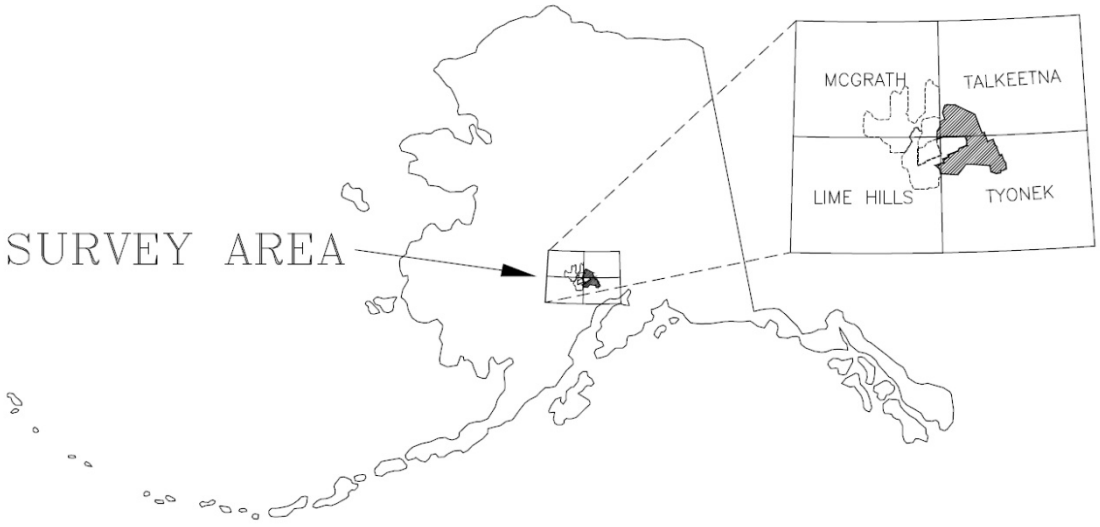

Figure 1: Location map showing East Styx survey area in Alaska in gray. Dashed areas indicate regions of previously-flown surveys. See Figure 2 for clarification.

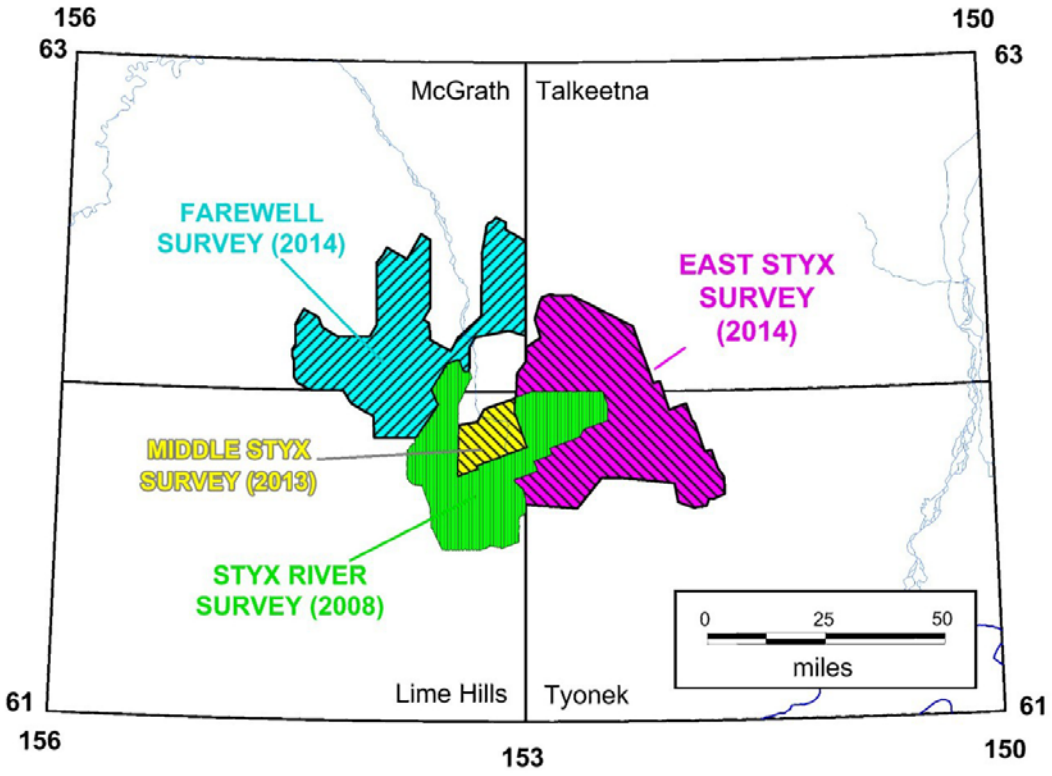

Figure 2: Location map of East Styx survey area - shown in pink. Previously flown, adjacent surveys are shown in other colors and labeled with publication year. All the surveys were flown with a quarter-mile line spacing.

LOCATION INDEX OF 1:63,360-SCALE MAPS

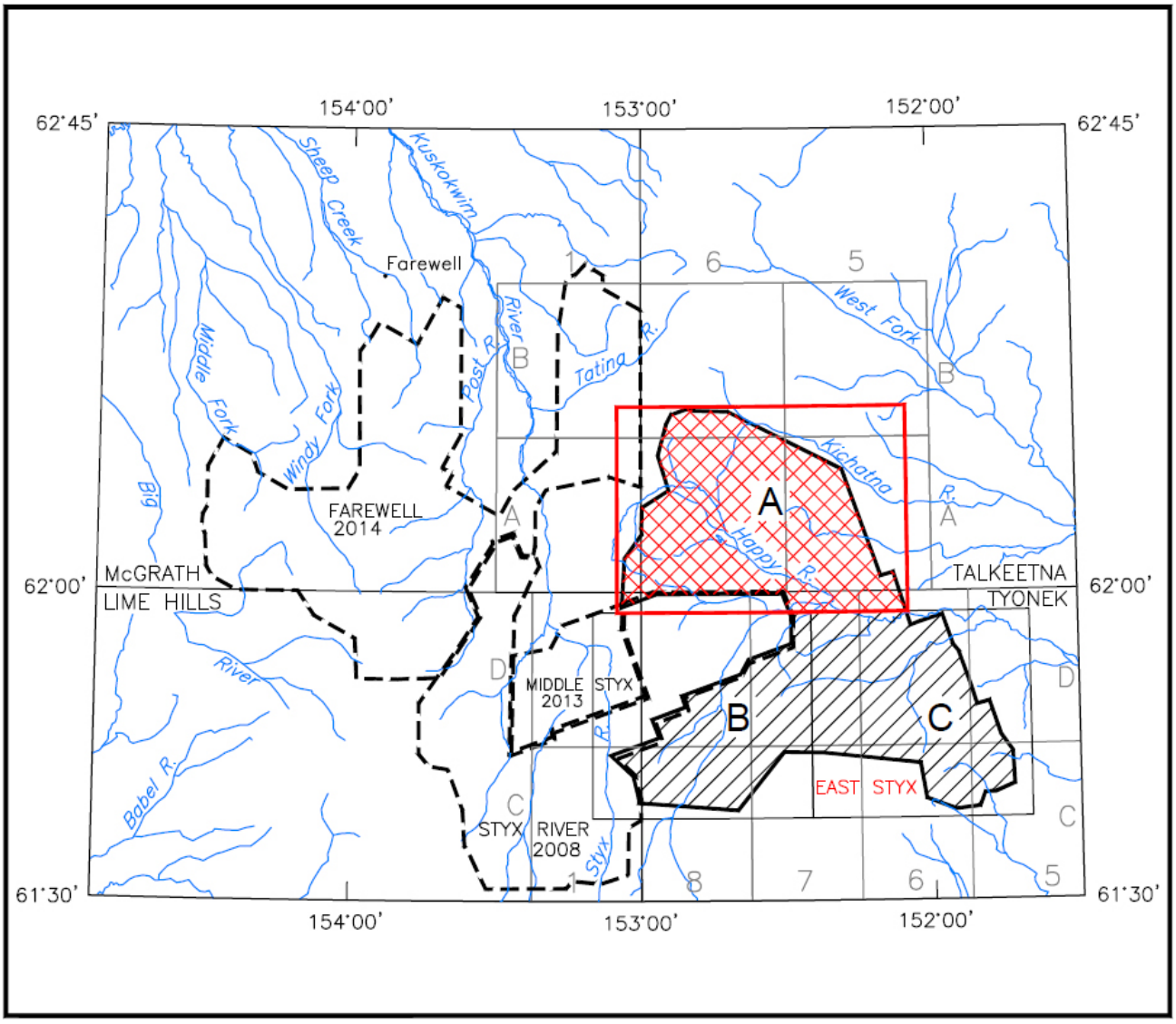

Figure 3: Most detailed location map included of the East Styx survey area showing location of map sheets, pertinent ITMA boundaries (e.g., and Tyonek C-6), and rivers. Previously flown, adjacent surveys are shown with dashed outlines and labeled with name and publication year. All the surveys were flown with a quarter-mile line spacing, and are available at DGGS.

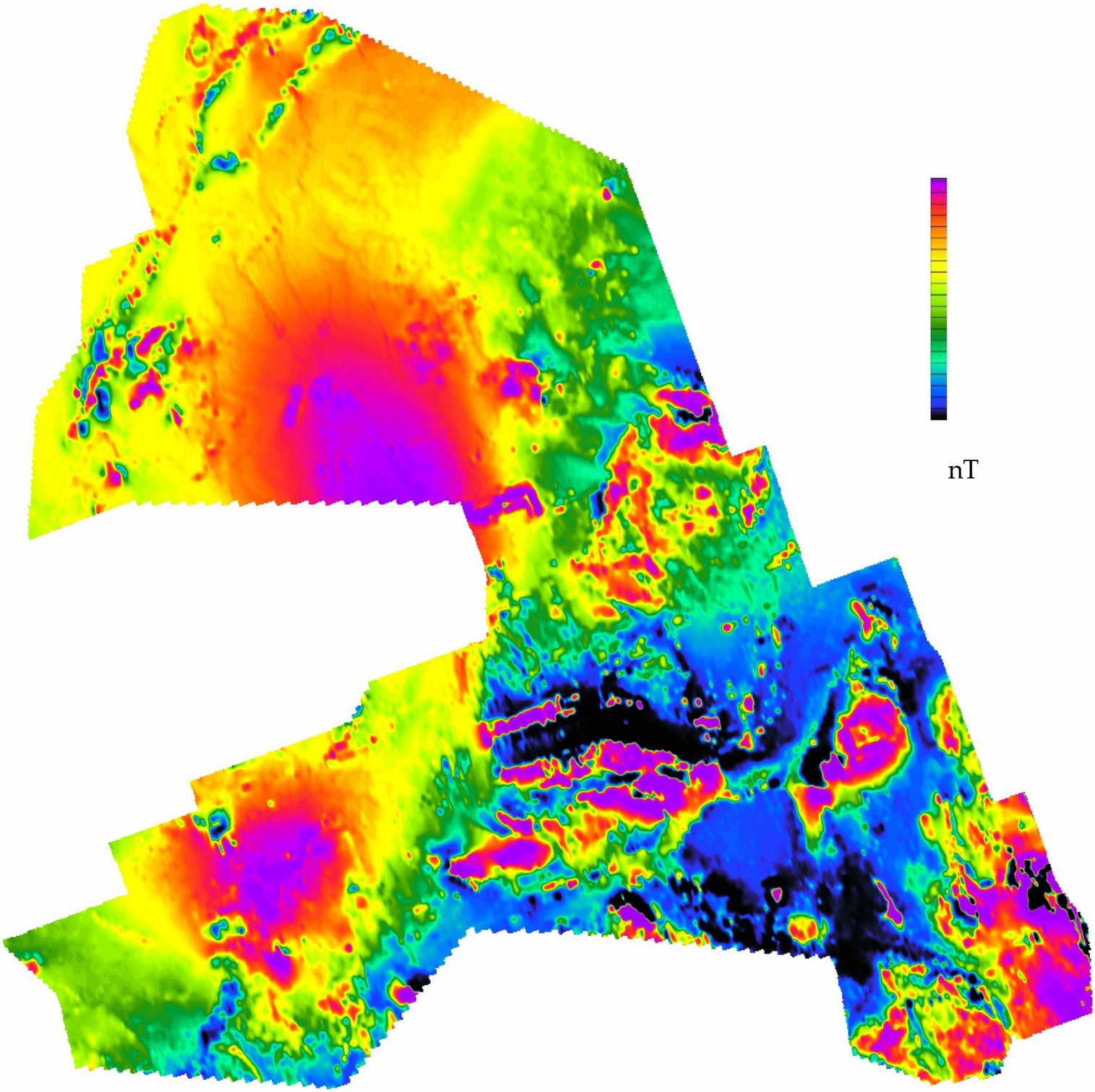

Figure 4: Residual magnetic field for East Styx survey. High values are shown in magenta, lows in dark bluish-black. Values in nanoTeslas.

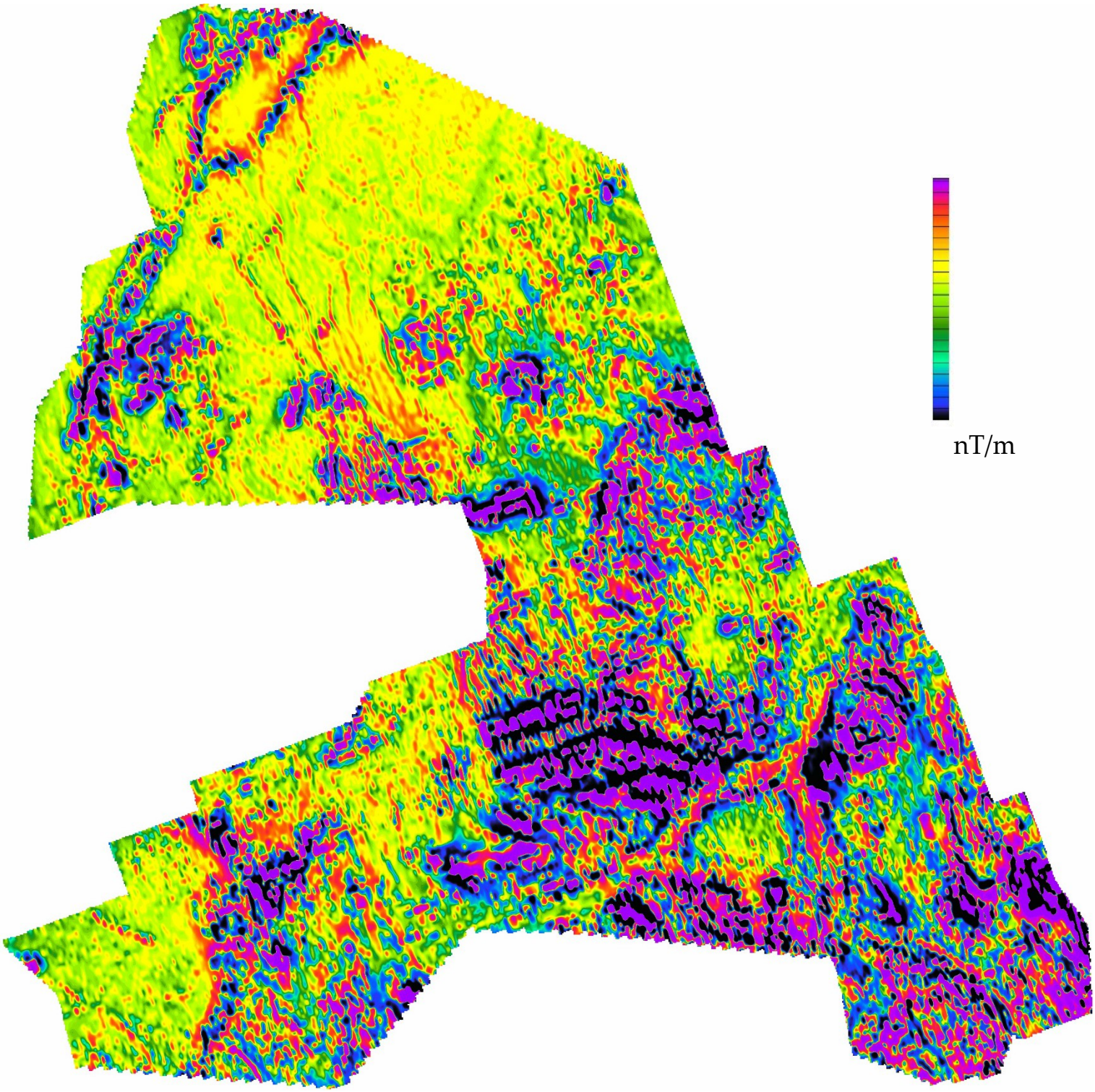

Figure 5: First vertical derivative of the residual magnetic field for the East Styx survey. High values are in magenta, lows in black. Values in nanoTeslas/m.

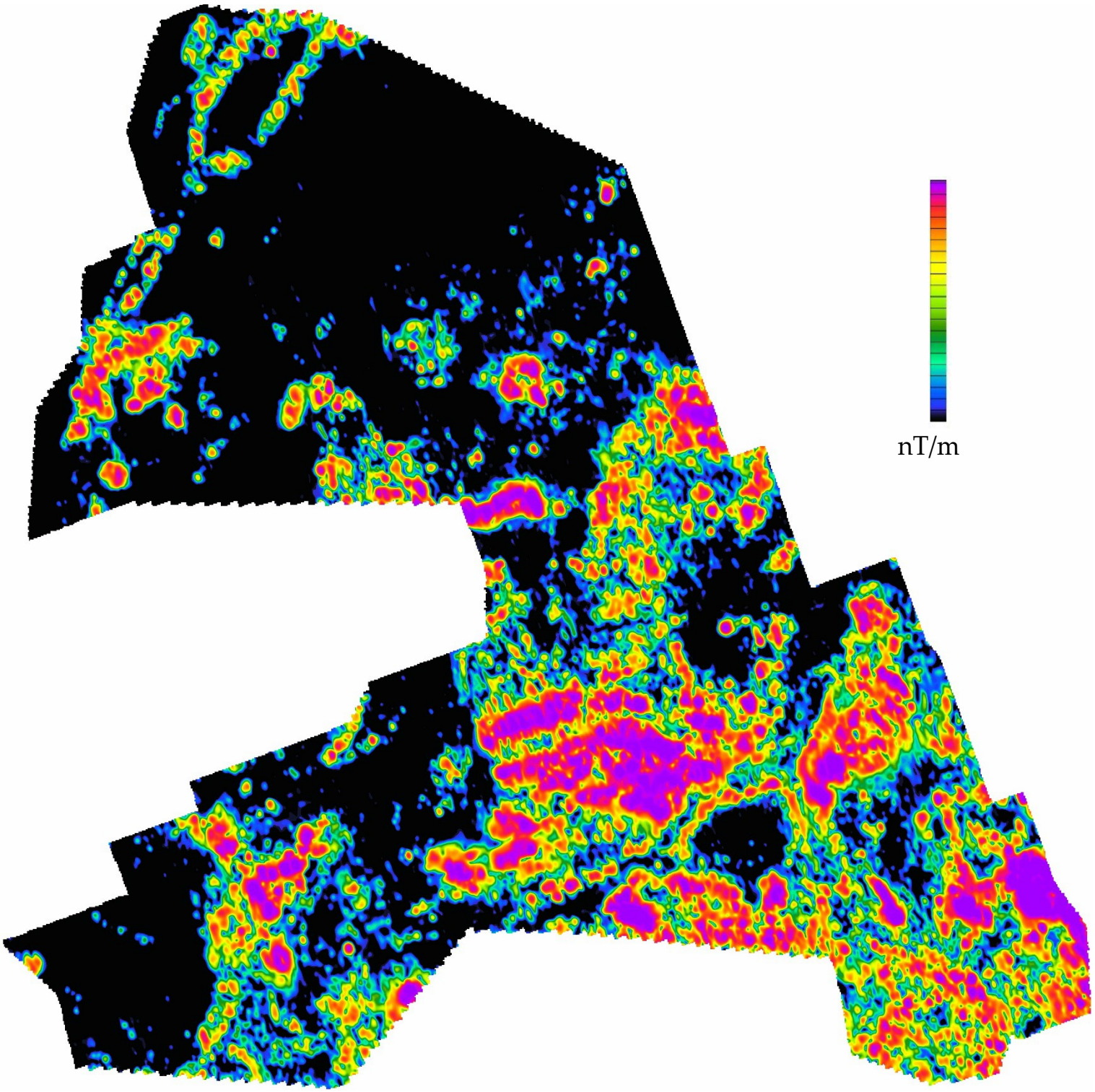

Figure 6: Analytic Signal for the East Styx survey. High values are in magenta, lows in black. Values in nanoTeslas/m.

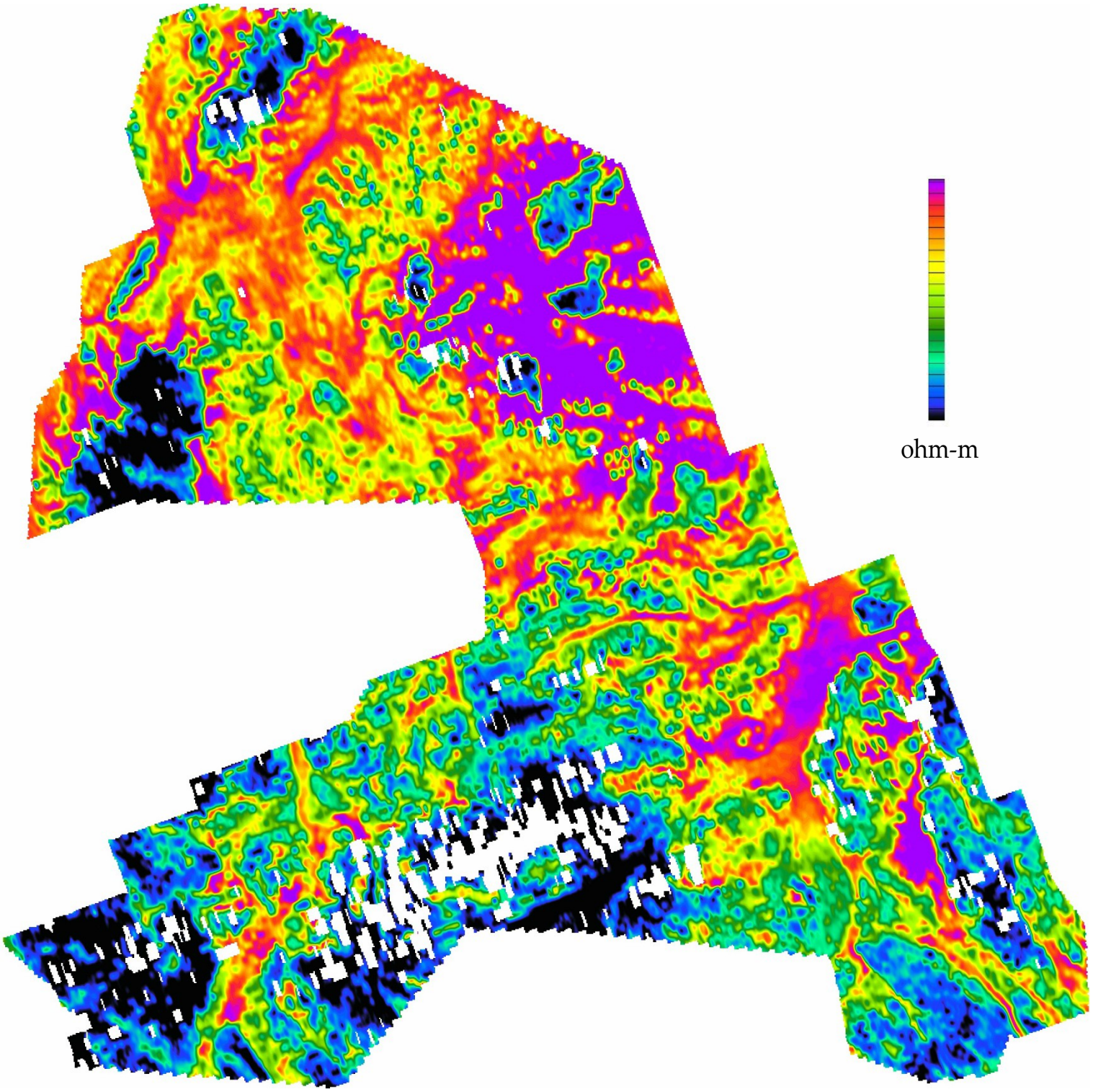

Figure 7: 7200 Hz coplanar apparent resistivity. Resistive areas (highs) are in blues; conductive areas are in magenta (lows). Blank areas represent areas where the EM bird height exceeded 150 m to avoid cultural objects or for safety reasons. Resistivity calculations were not calculated in these areas to avoid meaningless n due to small signals. Values in ohm m.