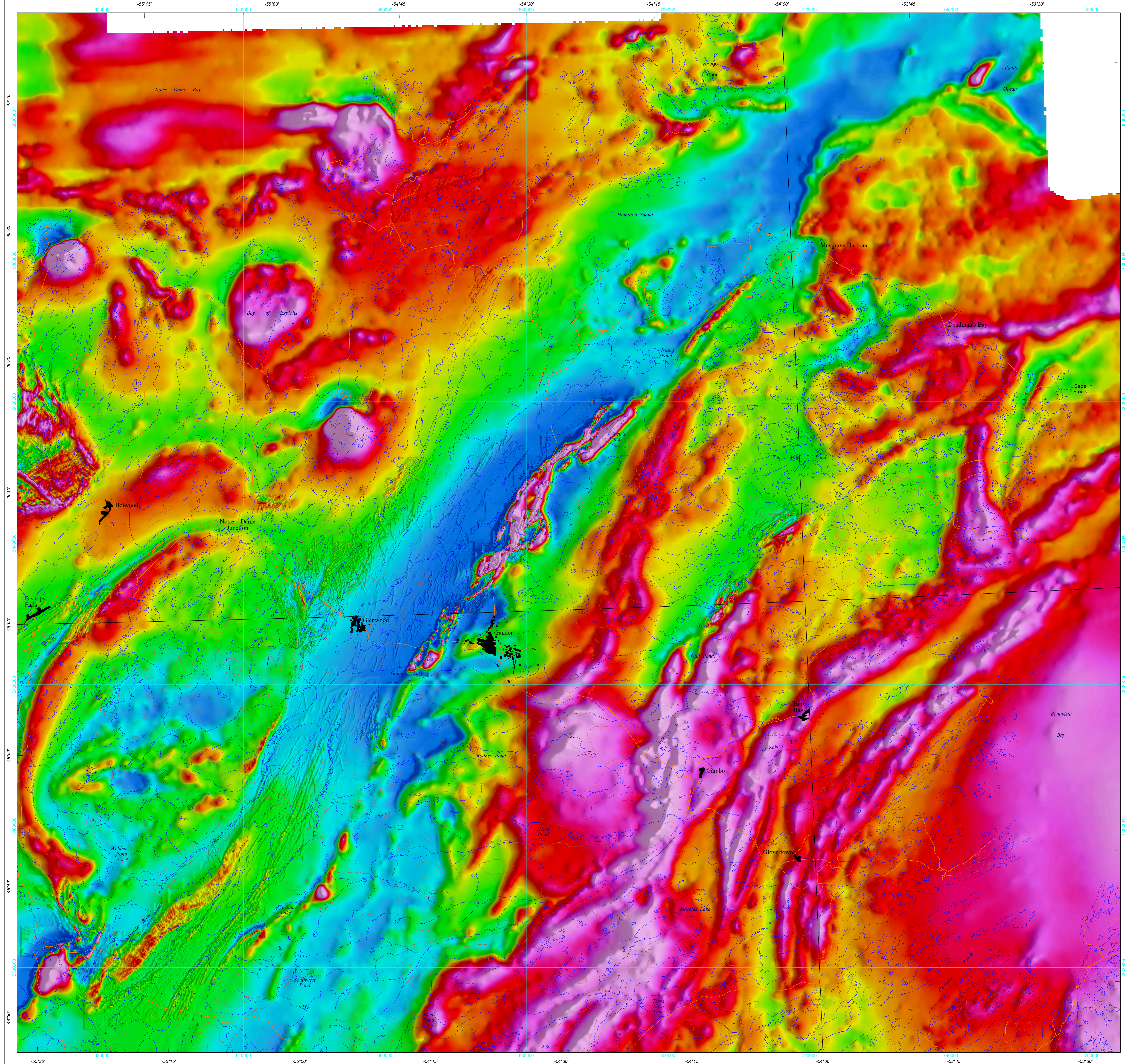


RESIDUAL TOTAL MAGNETIC FIELD

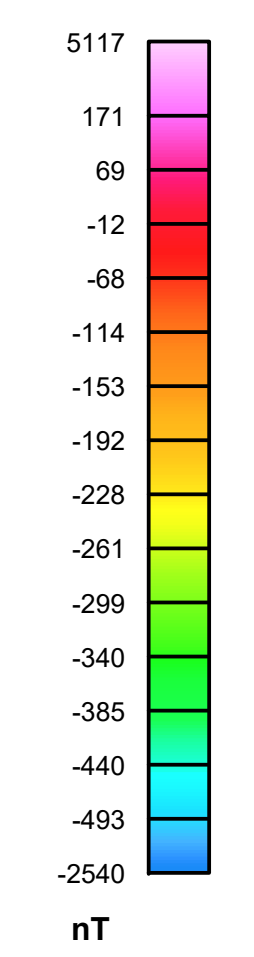
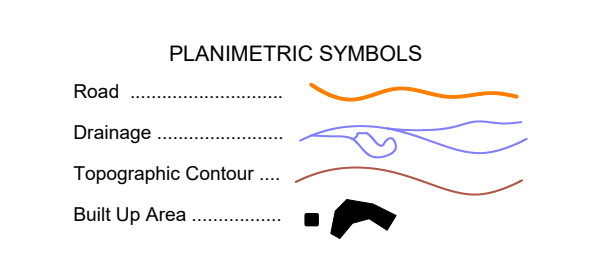
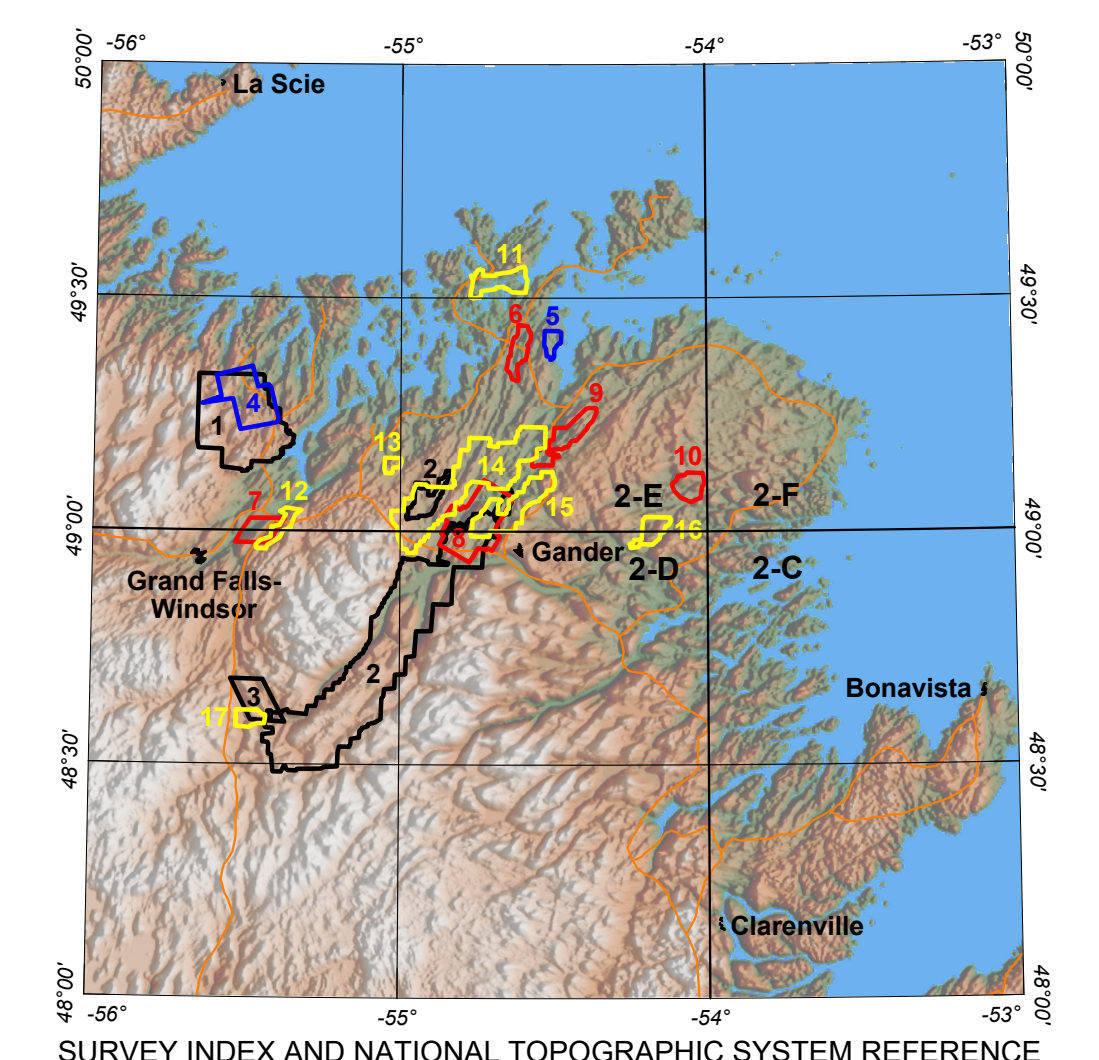


Descriptive Notes
Regional aeromagnetic data used in this compilation were acquired from the Geological Survey of Canada Geophysical Data Repository. Digital data from high-resolution surveys flown by mineral exploration companies were made available through the Geoscience Atlas, Newfoundland and Labrador Department of Industry, Energy and Technology. Results from all high-resolution surveys were available to the regional data using the Geosoft Grid tool utility. Apparent anomalies between survey blocks are a result of differing the spacing, flight altitudes and equipment platforms. For more detailed information regarding this data presentation, please refer to the online open file documentation.

This publication is available for free download through GEOCAN at <https://geocan.nrcan.gc.ca>. Corresponding digital gridded data can be downloaded from the Geological Survey of Canada's Repository for Geophysical Data at <https://gpr.nrcan.gc.ca>. For more information, please contact the Geophysical Data Centre, Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0E8. Telephone 613-993-4326, email: info@nrcan.gc.ca. Digital data and further information regarding detailed Newfoundland surveys can be accessed or downloaded through the GSNL Geoscience Atlas, at <https://gsnl.geoscience.gov.nf.ca/>.

The following table and index map provide locational and source information for the industry surveys that were merged in this project. Individual surveys on the index map can be identified by their corresponding colour and number in the table below.

| Index Number | Survey ID | Survey Area | Contractor | Client | Year | Line Spacing (m) | Mag Sensor Height (m) | Survey Type | Platform |
|--------------|-----------|----------------------|------------------------------------|--|------|------------------|-----------------------|-------------|----------|
| 1 | DN12330 | Point Leamington | Fugro Airborne Surveys | Calibre Mining Corp.; TLC Ventures Corp.; Paragon Minerals Corp. | 2007 | 200 | 75 | E-M | H |
| 2 | DN24569 | 1-Gander Lake South | CGG / Fugro Airborne Surveys | Palisade Resources; Kriner Resources; New Found Gold Corp. | 2017 | 200 | 35 | E-M | H |
| 3 | DN07224 | Rolling | Goldak Exploration Technology Ltd. | Altius Resources Inc. | 2002 | 200 | 80 | M | F |
| 4 | DN05435 | Lewis Lake | Geotrex-Digheim | Rubicon Minerals Corp. | 1999 | 150 | 73 | E-M | F |
| 5 | DN05241 | Tims Cove - GBA | Aero Surveys Inc. | Copper Hill Resources Inc. | 1997 | 150 | 30 | E-M | H |
| 6 | DN08764 | Duder Lake - Block 4 | Sial Geosciences Inc. | Celtic Minerals Ltd. | 1996 | 100 | 45 | E-M-V | H |
| 7 | DN08413 | Moosehead | Goldak Exploration Technology Ltd. | Altius Resources Inc. | 2002 | 100 | 80 | M | F |
| 8 | DN15688 | Appleton/BP Linear | Goldak Airborne Surveys | Northern Sky Res., True Claim Res., KIA&K Synd., ASK Prop., Kriner Res., Canadian Zinc Corp. | 2012 | 100 | 80 | M | F |
| 9 | DN18072 | Cripple Creek | Geotech Ltd | Capstone Mining Corporation; 0840559 B.C. Limited; Fancy; D.; Jeffrey, D. | 2012 | 100/50 | 52 | E-M | H |
| 10 | DN08782 | Wing Pond - Block 2 | Sial Geosciences Inc. | Celtic Minerals Ltd. | 1996 | 100 | 45 | E-M-V | H |
| 11 | DN10951 | New World Island | AeroQuest Ltd | Rubicon Minerals Corp. | 2006 | 75 | 30 | E-M | H |
| 12 | DN08259 | A - Moosehorn | Fugro Airborne Surveys | Rubicon Minerals Corp. | 2002 | 50 | 30 | M | H |
| 13 | DN08262 | E - Peyton Satellite | Fugro Airborne Surveys | Rubicon Minerals Corp. | 2002 | 50 | 30 | M | H |
| 14 | DN08606 | H - Glenwood Brook | Fugro Airborne Surveys | Rubicon Minerals Corp. | 2003 | 75 | 20 | E-M | H |
| 15 | DN08607 | I - Gander Area | Fugro Airborne Surveys | Rubicon Minerals Corp. | 2003 | 75 | 30 | E-M | H |
| 16 | DN08350 | G - Wing Pond | Fugro Airborne Surveys | Rubicon Minerals Corp. | 2003 | 50 | 30 | M | H |
| 17 | DN08292 | B - Beaver | Fugro Airborne Surveys | Rubicon Minerals Corp. | 2003 | 50 | 30 | M | H |



Map Series Summary
GSC Open File 8844: Residual total magnetic field
GSC Open File 8845: First vertical derivative of the magnetic field
GSC Open File 8846: Tilt angle of the magnetic field
GSC Open File 8847: Analytic signal of the magnetic field

Airborne Geophysical Data Compilation north-central Newfoundland

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Newfoundland and Labrador
Department of Industry, Energy and Technology
Geological Survey Open File
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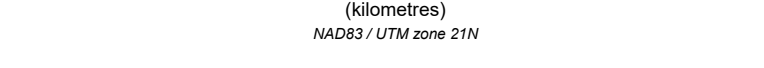
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NEWFOUNDLAND AND LABRADOR DEPARTMENT OF INDUSTRY, ENERGY AND TECHNOLOGY
GEOLOGICAL SURVEY OPEN FILE NFLD/3396, MAP 2021-09

RESIDUAL TOTAL MAGNETIC FIELD

AIRBORNE GEOPHYSICAL DATA COMPILATION NORTH-CENTRAL NEWFOUNDLAND

NEWFOUNDLAND AND LABRADOR
Parts of NTS 2-C, D, E and F

Scale 1:200 000



MADE IN CANADA

Universal Transverse Mercator Projection
North American Datum 1983

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Hydrography base at the scale of 1:200 000 from Natural Resources Canada, with modifications
Topography base of 100 metre intervals

