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The author is R. Dumont. Data acquisition, correction and map production by Fugro Airborne Surveys, Ottawa, Ontario.

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MEGATEM® II Survey, Central Stevenson Ridge Area, Yukon. LEVE MEGATEM® II, RÉGION CENTRALE DE STEVENSON RIDGE, YUKON.

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Digital version of this map, corresponding digital profile and gridded data, and similar data for adjacent aeromagnetic surveys can be downloaded, at no charge, from Natural Resources Canada's Geoscience Data Repository for Aeromagnetic Data.

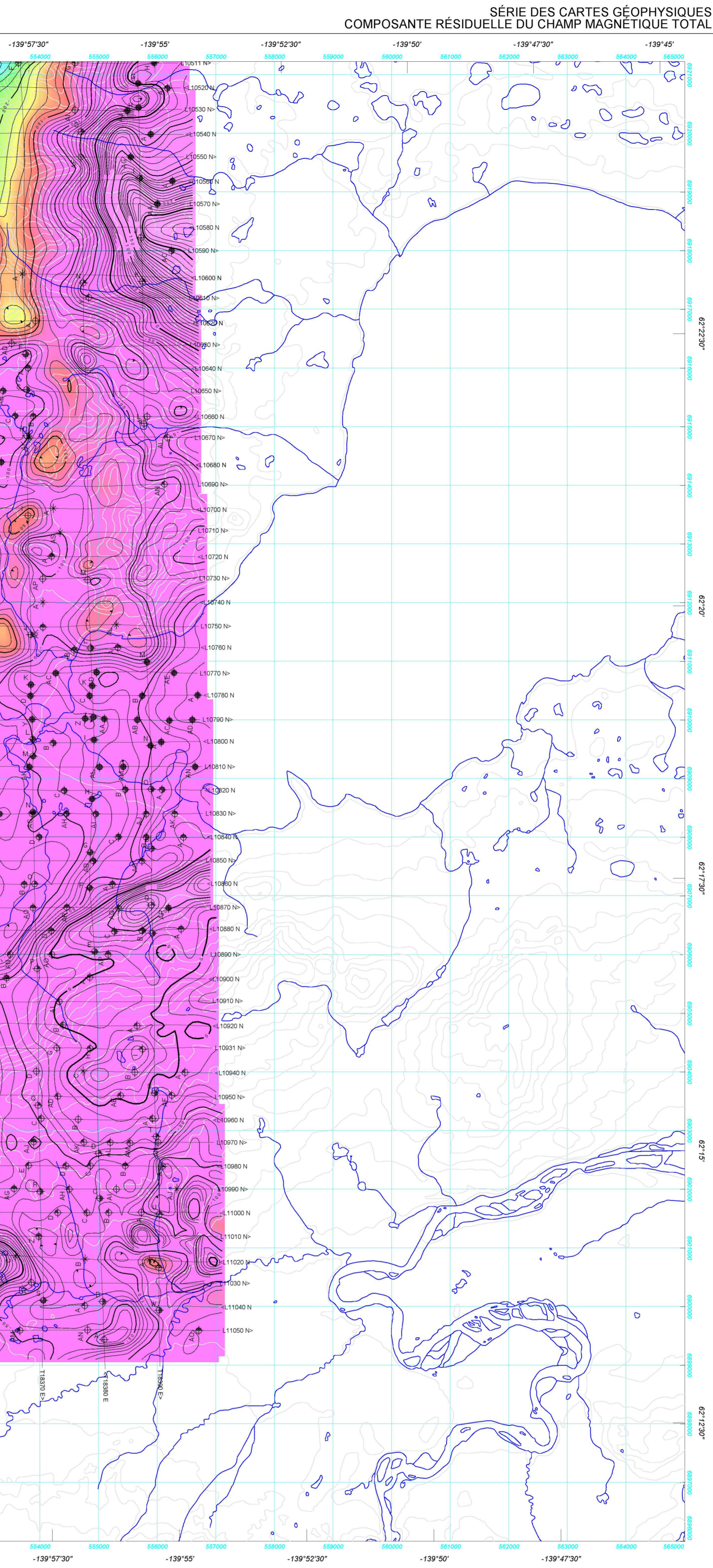
Digital version of this map, corresponding digital profile and gridded data, may also be purchased from Geoscience Information and Sales, Yukon Geological Survey, Government of Yukon.

On peut télécharger gratuitement, depuis la section sur les Données aéromagnétiques de l'Entrepôt de données géoscientifiques de Ressources naturelles Canada à l'adresse Web.

On peut acheter, moyennant des frais, en s'adressant au Centre des données géophysiques de la Commission géologique du Canada.

Des versions numériques de cette carte, des données numériques correspondantes en format profil et en format maille sont aussi en vente au Géosciences Information and Sales, Commission géologique du Yukon.

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Detailed technical diagrams and legends. Includes 'SYSTEM GEOMETRY / GÉOMÉTRIE DU SYSTÈME', 'NOMOGRAM / NOMOGRAMME', 'RESIDUAL MAGNETIC FIELD MAP', 'APPARENT CONDUCTIVITY', 'EM DECAY CONSTANT', 'FIRST VERTICAL DERIVATIVE OF THE MAGNETIC FIELD', 'ELECTROMAGNETIC ANOMALY SYMBOLS', 'ISOMAGNETIC LINES', 'PLANIMETRIC SYMBOLS', and a color scale for magnetic intensity from -100 to 100 nT.

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INTRODUCTION: This map was compiled from data acquired during an airborne electromagnetic survey carried out by FUGRO AIRBORNE SURVEYS using a MEGATEM II... DESCRIPTIVE NOTES: The time domain EM system transmits a signal from a horizontal loop centered on the aircraft... RESIDUAL MAGNETIC FIELD MAP: The magnetic data were corrected for diurnal variations... APPARENT CONDUCTIVITY: The apparent conductivity values were derived from the full 20 channels... EM DECAY CONSTANT: The decay constant values were obtained by fitting the amplitude data... FIRST VERTICAL DERIVATIVE OF THE MAGNETIC FIELD: The first vertical derivative of the magnetic field was calculated... ELECTROMAGNETIC ANOMALY SYMBOLS: Symbols for various anomalies and conductive layers... ISOMAGNETIC LINES: Lines of equal magnetic intensity... PLANIMETRIC SYMBOLS: Symbols for various geological features... INTRODUCTION: Cette carte a été compilée à partir des données acquises pendant un levé électromagnétique-magnétique... NOTES DESCRIPTIVES: L'épave des traverses était de 400 m et celle des lignes de contrôle était de 100 m... INTRODUCTION: Ce système EM transmet une impulsion utilisant une bobine horizontale centrée sur l'avion... CARTÉ DE LA COMPOSANTE RÉSIDUELLE DU CHAMP MAGNÉTIQUE: Les données magnétiques furent corrigées pour les variations diurnes... CONDUCTIVITÉ APPARENTE: Les valeurs de la conductivité apparente sont calculées à partir des 20 canaux... CONSTANTE DE TEMPS EM: Les valeurs des constantes de temps sont calculées en ajustant une fonction exponentielle... DÉRIVÉE PREMIÈRE VERTICALE DU CHAMP MAGNÉTIQUE: La dérivée première verticale du champ magnétique a été calculée... ANOMALIES EM: L'interprétation quantitative des données MEGATEM II est faite en comparant les réponses EM... MAP SHEET SUMMARY / SOMMAIRE DES FEUILLETS: A list of map sheets and their contents.

MAP SHEET SUMMARY / SOMMAIRE DES FEUILLETS. A list of map sheets and their contents. Includes 'GSC / CGC Sheet / Feuille' and 'MAP / CARTE' with a list of 4 items: 1. Residual Total Magnetic Field, 2. First Vertical Derivative of the Magnetic Field, 3. Apparent Conductivity, 4. Electromagnetic Decay Constant. Includes a small map showing the location of the survey area in Yukon and a legend for the map sheets.