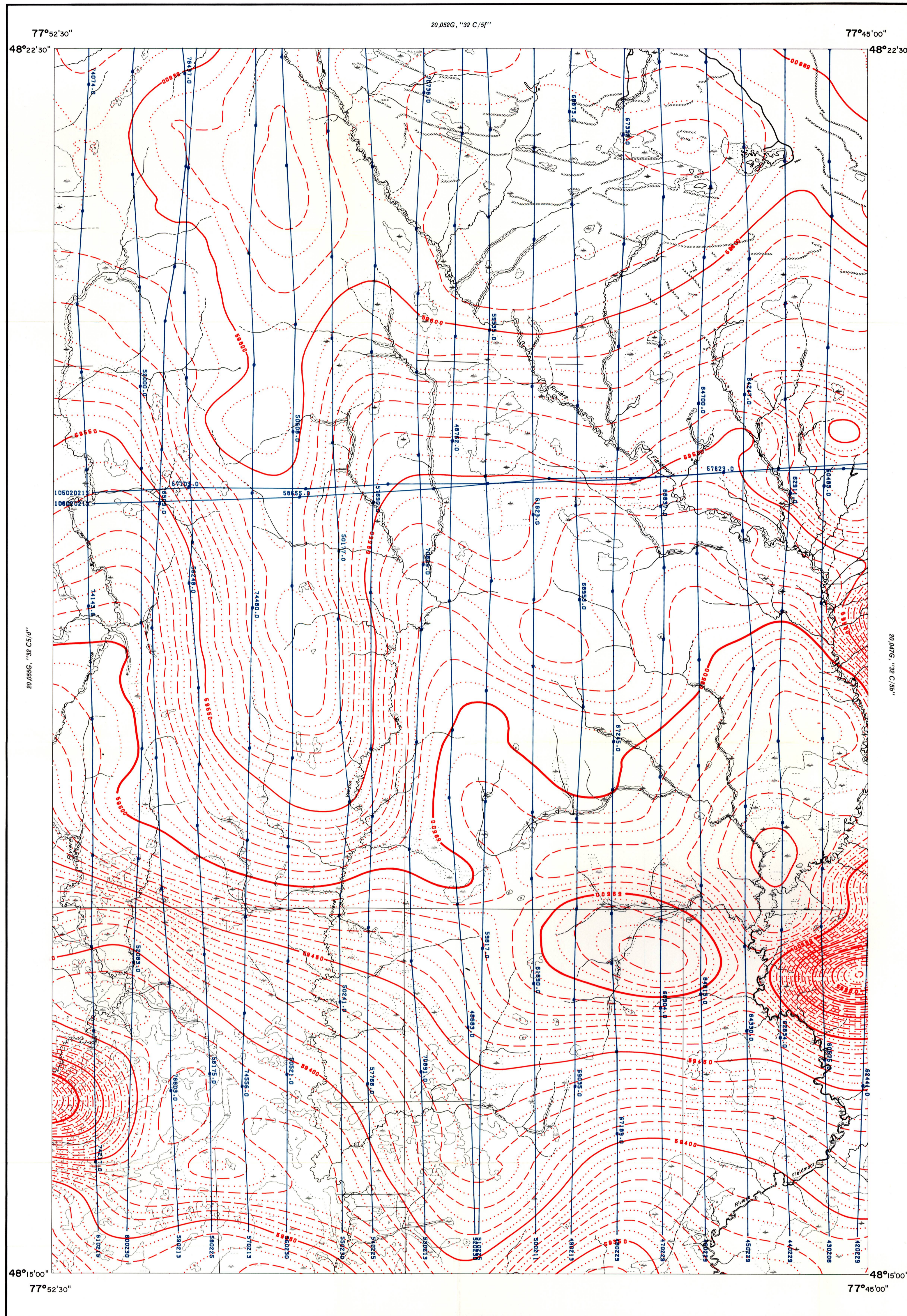


SÉRIE DES CARTES GÉOPHYSIQUES (AÉROMAGNÉTIQUES À GRANDE SENSIBILITÉ)

GEOPHYSICAL SERIES (HIGH RESOLUTION AEROMAGNETIC)



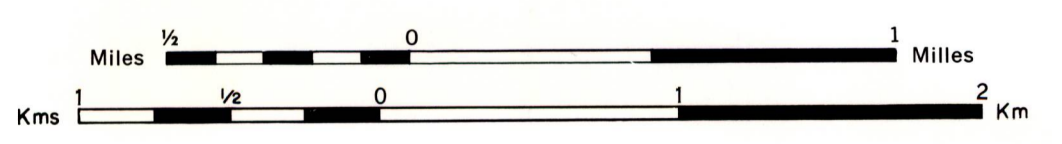
| | | | | | |
|-----------|-----------|----------|----------|----------|----------|
| 78°00'00" | 77°30'00" | | | | |
| 48°15'00" | 48°45'00" | 32 C/2e | 32 C/2f | 32 C/2g | 32 C/2h |
| | | 20,056 G | 20,054 G | 20,050 G | 20,046 G |
| | | 32 C/2a | 32 C/2c | 32 C/2b | 32 C/2a |
| | | 20,057 G | 20,053 G | 20,049 G | 20,045 G |
| | | 32 C/5e | 32 C/5f | 32 C/5g | 32 C/5h |
| | | 20,056 G | 20,052 G | 20,048 G | 20,044 G |
| | | 32 C/5d | 32 C/5c | 32 C/5b | 32 C/5a |
| | | 20,055 G | 20,051 G | 20,047 G | 20,043 G |
| 48°15'00" | 78°00'00" | | | | |

LIGNES ISOMAGNÉTIQUES (valeur absolue du champ total)
ISOMAGNETIC LINES (absolute total field)

500 gammes.....
50-100 gammes.....
10-20 gammes.....
5 gammes.....
Dépression magnétique
Magnetic depression
Lignes de vol
Flight lines
Altitude du vol: 1000 pieds au-dessus du niveau du sol
Flight altitude: 1000 feet above ground level

CARTE - MAP
20,051 G
32 C/5c
QUÉBEC

ÉCHELLE 1:25,000 SCALE



1974 PUBLICATION 1974

La présente carte est fondée sur l'enregistrement numérique des données recueillies à l'aide d'un magnétomètre à vapeur de rubidium qui mesure le champ magnétique total, avec une résolution atteignant 0.02 gamma. Les vols ont été effectués à l'altitude nominale de 1 000 pieds au-dessus du sol. Les lignes de vol principales sont espacées en moyenne de 1 000 pieds tandis que les doubles lignes de contrôle le sont de 500. Une fois vérifiées, compilées et ramennées à un niveau référentiel commun, les valeurs du champ ont été interpolées par ordinateur aux nœuds d'une grille dont la maille mesure 0.1 pouce à l'échelle de la carte.

The present map is based on in-flight digitally recorded high sensitivity aeromagnetic data obtained with a Rubidium vapour magnetometer measuring the total magnetic field to a resolution of 0.02 gamma. Flight altitude was 1000 feet above ground at 1000 feet average flight line spacing and double control lines were flown at an average spacing of 500 feet.

The data was edited, compiled, levelled and gamma values for contouring interpolated on a square grid (0.1 grid spacing at the published map scale) by automatic computer processes.

The automatic levelling process employs the two components of the double control line and the short segments of traverse which connect them where they are not exactly co-incident. This data is used to minimize and distribute non-geological contributions from the total magnetic field profile along the control line. The corrected control lines are used to level the traverse by a method of minimal sum-total adjustment.

The final data grid was contoured and plotted using the automatic contouring program and digital plotter facilities of Dataplotting Services Ltd.

Airborne survey and digital compilation by Resource Geophysics and Geochemistry Division, Geological Survey of Canada. Flying took place in July 1971.

No correction has been made for regional variation.

Compilation was done on base maps published by the Quebec Department of Lands and Forests.

Copies of this map may be obtained from the Publication Division of the Quebec Department of Natural Resources, Quebec City, or from the Geological Survey of Canada, Ottawa.

The data represented by these maps is available in digital form from the Geological Survey of Canada at the cost of retrieval and copying.

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Ce document est le produit d'une numérisation par balayage de la publication originale.

CARTE - MAP
20,051 G
32 C/5c
QUÉBEC