

INTRODUCTION
This map is compiled from data acquired during an airborne electromagnetic magnetic survey carried out by FUGRO AIRBORNE SURVEYS using a MEGATEM II line source - electromagnetic (EM) system. The system was flown over a 10 km wide track at an altitude of 100 m. This is a magnetic contour map of the area. The survey was carried out during the period from February 16 to March 23, 2002.

The survey line spacing was 125 m and 150 m for blocks A and B, respectively. The contour line spacing was 20 m. The contour interval was 200 nT. The survey was carried out at an average ground clearance of 100 m. Navigation was controlled by a differential GPS system. The flight path was determined by a differential GPS system. A vertically mounted video camera was used to record images of the ground. The air photo was recorded on a 35 mm film. The magnetic field data was recorded on a 35 mm film. The magnetic field data was recorded on a 35 mm film. The magnetic field data was recorded on a 35 mm film.

RESIDUAL MAGNETIC TOTAL FIELD MAP
The magnetic field data was corrected for diurnal variations. Relative to the control lines and interpreted into a regular 30 m grid, using the minimum curvature algorithm. The International Geomagnetic Reference Field (IGRF) was used for the magnetic field data. The magnetic field data was recorded on a 35 mm film. The magnetic field data was recorded on a 35 mm film. The magnetic field data was recorded on a 35 mm film.

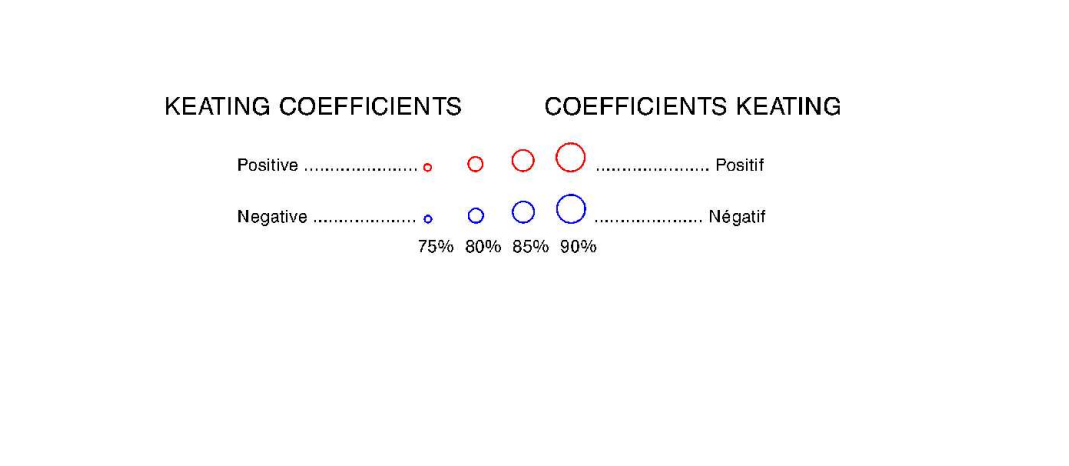
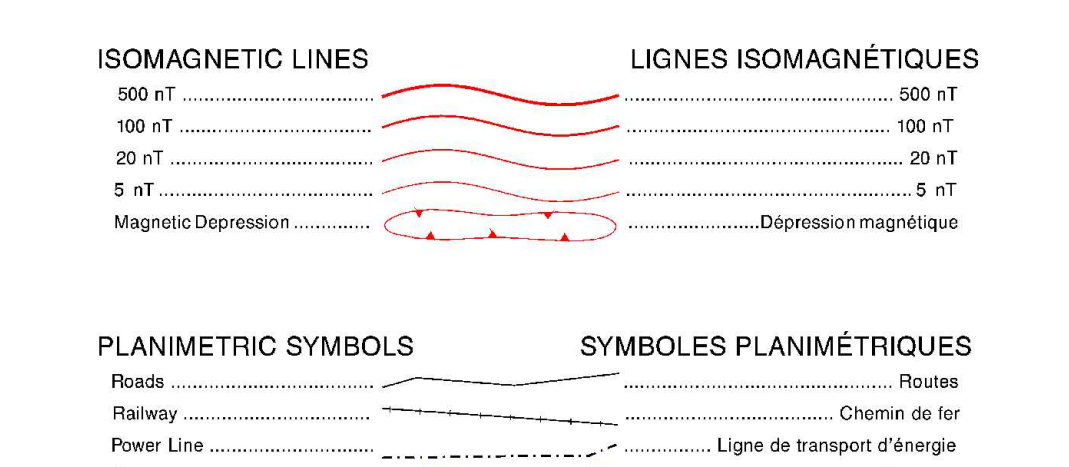
EM ANOMALIES
The quantitative interpretation of the MEGATEM data is accomplished by comparing the measured EM response with theoretical models. The observed magnetic field is compared with theoretical models. The observed magnetic field is compared with theoretical models. The observed magnetic field is compared with theoretical models. The observed magnetic field is compared with theoretical models.

NOTES DESCRIPTIVES
Cet atlas a été compilé à partir des données acquises pendant un levé électromagnétique-aéromagnétique effectué par FUGRO AIRBORNE SURVEYS en utilisant un système électromagnétique EM dans le cadre du projet MEGATEM II. Le levé a été effectué pendant la période allant du 16 février au 23 mars 2002.

COEFFICIENTS DE CORRELATION KEATING
Ces données de corrélation Keating (Keating, 1995) d'anomalies électromagnétiques sont calculées à l'aide d'un modèle de corrélation. Le coefficient de corrélation est calculé à l'aide d'un modèle de corrélation. Le coefficient de corrélation est calculé à l'aide d'un modèle de corrélation. Le coefficient de corrélation est calculé à l'aide d'un modèle de corrélation.

ANOMALIES EM
L'interprétation quantitative des données MEGATEM est faite en comparant les réponses EM avec des courbes de référence obtenues par modélisation mathématique. Les réponses EM sont comparées avec des courbes de référence obtenues par modélisation mathématique. Les réponses EM sont comparées avec des courbes de référence obtenues par modélisation mathématique. Les réponses EM sont comparées avec des courbes de référence obtenues par modélisation mathématique.

REFERENCE
Keating, P., 1995. A simple technique to identify magnetic anomalies due to kimberlite pipes. Explor. Mining Geol., 4, 121-126.

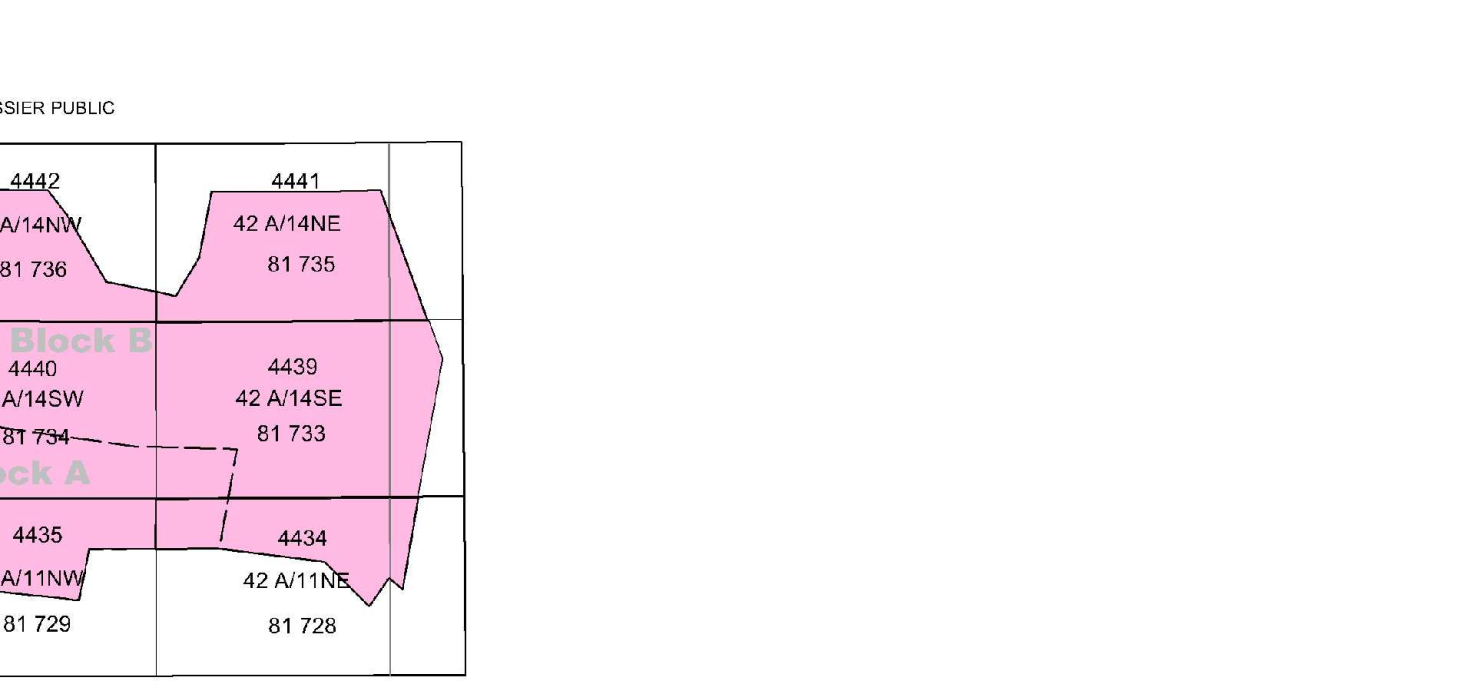
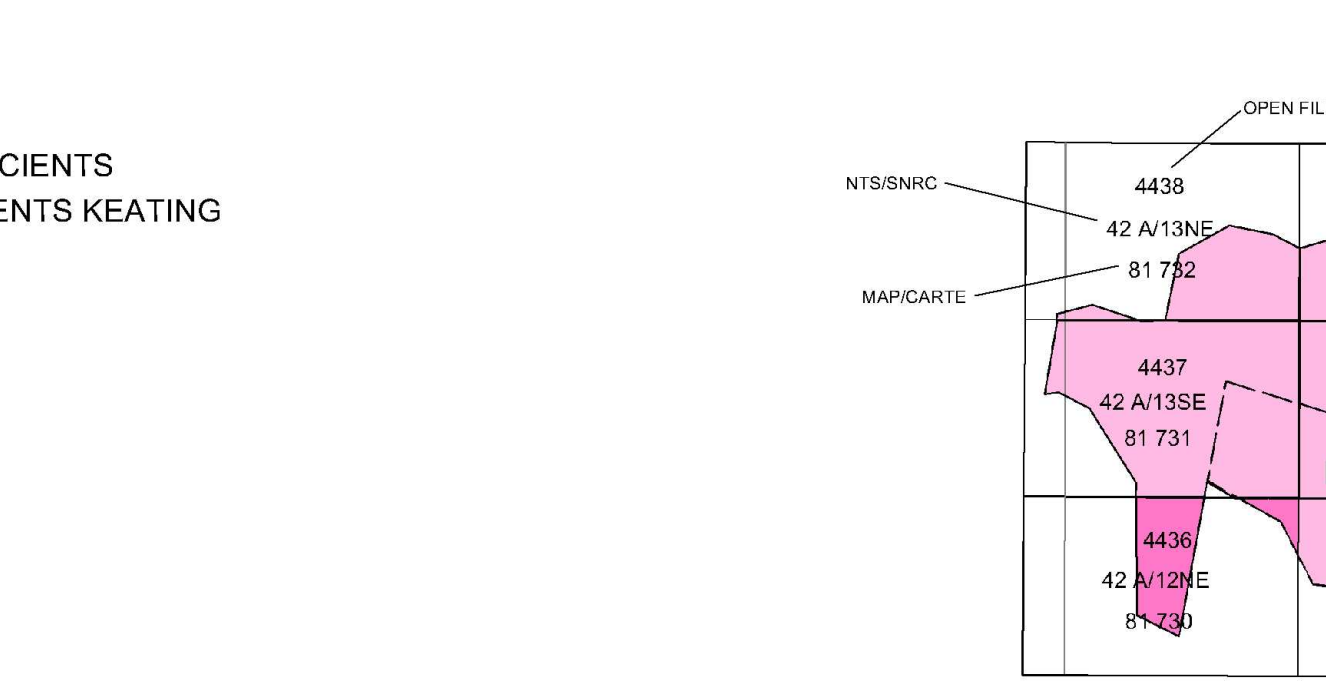


ARBORNE MEGATEM SURVEY DISCOVER AREA PROJECT TIMMINS AREA

LEVÉ MEGATEM AÉROPORTÉ PROJET DÉCOUVREONS L'ABITIBI RÉGION DE TIMMINS

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4436
2002

Ontario
MAP 81 730



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