MANITOBA ENERGY, MINES AND RESOURCES ONTARIO DEPARTMENT OF MINES AND NATURAL RESOURCES AEROMAGNETIC SERIES GEOLOGICAL SURVEY OF CANADA DEPARTMENT OF MINES SHEET 54 $\frac{A}{4}$ 90°00' 55' 50' 35' Joins Map 3747G, Commission Lake 89°30' 10' 05 05 CONTROL 90°00' 55' 50' 40' Joins Map 3745G, Niskibi Lake 35 89°30' PUBLISHED 1967 MAP 3746G The magnetic data on this map were compiled from information HUDSON ISOMAGNETIC LINES (total field) recorded along the flight lines shown. The anomalies expressed by the magnetic contours are dependent on the variable magnetic intensities of Airborne Magnetic Survey, July 1965 to March 1967 500 gammas.... the underlying rocks, and may be due to conditions near, or at unknown KENORA and WINNIPEG MINING DISTRICTS by Lockwood Survey Corporation Ltd. 100 gammas.... depths below the surface. High magnetic anomalies normally indicate the 20 gammas..... presence of basic rocks, such as diabase, gabbro, or serpentinite, which ONTARIO-MANITOBA 10 gammas..... The planimetry for this map was obtained from have a relatively high iron content, but in special instances may be due, topographical map sheets published by the or partly due, to concentrations of magnetic minerals. By means of Department of Energy, Mines and Resources, Ottawa. the magnetic anomalies, various rock bodies or structural features, such Scale: One Inch to One Mile = $\frac{1}{63,360}$ Flight lines....

DEPARTMENT

PROVINCE OF

PROVINCE

Flight altitude 1000 feet above ground level

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as faults or folds, may be traced into, or across, areas of few or no out-

crops. In many instances, however, no interpretation of particular ano-

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malies may be possible without further geological information.

No correction has been made for regional variation.