PROVINCE SASKATCHEWAN

DEPARTMENT MINES AND TECHNICAL SURVEYS

Burnt

Joins Map 2824 G"May Lake"

AEROMAGNETIC SERIES DEPARTMENT OF MINERAL RESOURCES GEOLOGICAL SURVEY OF CANADA

SHEET 64 D/4 103°30' 35

MANITOBA ALBERTA

104°00'

104°00'

55

ISOMAGNETIC LINES (total field) 500 gammas..... 20 gammas..... Magnetic depression.....

50

55

Flight altitude: 1000 feet above ground level.

WADDY LAKE

MAP 2840G

45

Brabant

SASKATCHEWAN

Scale 1:50 000 - Échelle 1/50 000 Projection transverse universelle de Mercator © Droits de la Couronne réservés © Crown copyrights erved

Airborne Magnetic Survey, April to September, 1964, by Canadian Aero Service Ltd., Ottawa.

35

No correction has been made for regional variation.

The planimetry for this map was obtained from the topographical map sheet published at a scale of one inch to four miles.

The magnetic data on this map were compiled from information recorded along the flight lines shown. The anomalies expressed by the magnetic contours are dependent on the variable magnetic intensities of the underlying rocks, and may be due to conditions near, or at unknown depths below the surface. High magnetic anomalies normally indicate the presence of basic rocks, such as diabase, gabbro, or serpentine, which have a relatively high iron content; but in special instances may be due, or partly due, to concentrations of magnetic ore minerals. By means of the magnetic anomalies, various rock bodies or structural features, such as faults or folds, may be traced by the geologist into, or across, areas of few or no outcrops. In many instances, however, no interpretation of particular anomalies may be possible without further geological information.

103°30'

PUBLISHED 1965

GEOPHYSICS PAPER 2840 WADDY LAKE

SASKATCHEWAN SHEET 64 D