DEPARTMENT

PROVINCE OF SASKATCHEWAN MINES AND TECHNICAL SURVEYS AEROMAGNETIC SERIES SHEET 74 G DEPARTMENT OF MINERAL RESOURCES GEOLOGICAL SURVEY OF CANADA 25' 106°30' 20' 10' 05 106°00' Joins Map 2723 G, "Timson Lake" 57°45' McPhail. Lake Armatage 40' 40' - Widdess Rushmer Barkwell ✓ Middleton . Island Island CREE 35' -LAKE Binnie

INDEX MAP

106°30'

ISOMAGNETIC LINES (total field)

20'

25

MAP 2739G

Joins Map 2755 G, "Macintyre Lake"

MIDDLETON ISLAND

SASKATCHEWAN

Scale: One Inch to One Mile = $\frac{1}{63,360}$ Miles

Airborne Magnetic Survey, May to September, 1963, by Canadian Aero Service Ltd., Ottawa.

05

10'

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.

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SASKATCHEWAN SHEET 74 G