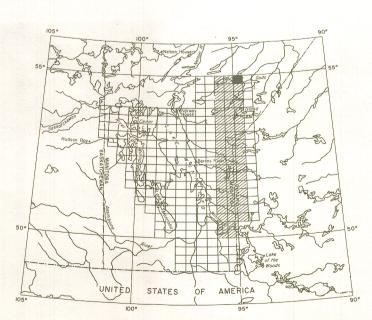
PROVINCE OF MANITOBA

DEPARTMENT OF MINES AND NATURAL RESOURCES

DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS

GEOLOGICAL SURVEY OF CANADA SHEET 53L AEROMAGNETIC SERIES 95°00′ 55′ 50' Joins Map 2627G, "Parker Lake" 40' TP68RIS TP67RIZ-W



95°00′

50'

55'

10 gammas

Magnetic depression

Flight lines

Flight altitude 1000 feet above ground level

## KNEE LAKE

Joins Map 4044G, "Vermilyea Lake"

MAP 4045G

MANITOBA

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

Airborne Magnetic Survey, April 1965 to December 1965 by Spartan Air Services Ltd.

No correction has been made for regional variation.

The planimetry for this map was reproduced from 1:125,000 unpublished manuscript, obtained from Department of Mines and Technical Surveys, Ottawa.

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 serpentinite, which have a relatively high iron content, but in special instances may be due, or partly due, to concentrations of magnetic minerals. By means of the magnetic anomalies, various rock bodies or structural features, such as faults or folds, may be traced 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.

94°30′

PUBLISHED 1966

GEOPHYSICS PAPER 4045

KNEE LAKE

MANITOBA

SHEET 53 L

15