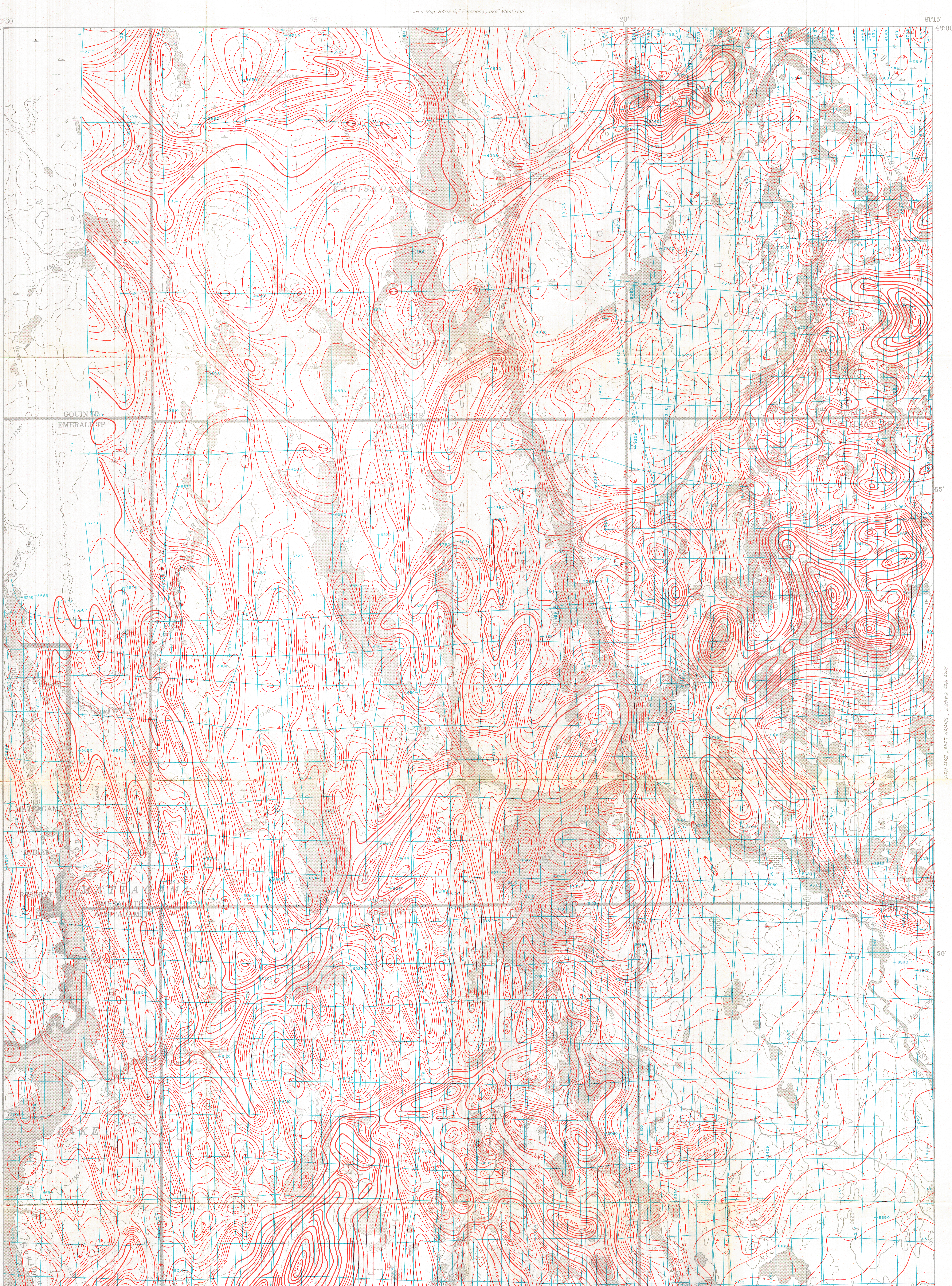
AEROMAGNETIC SERIES

PROVINCE
OF
ONTARIO
DEPARTMENT OF MINES

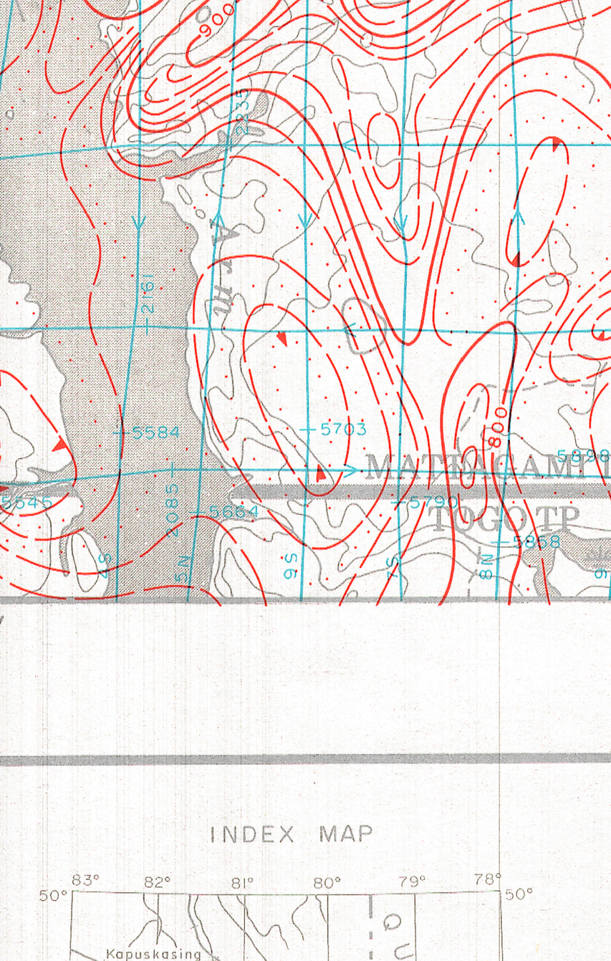
DEPARTMENT
OF
ENERGY, MINES AND RESOURCES
GEOLOGICAL SURVEY OF CANADA

SHEET 41 P/14 WEST HALF



Published, 1970

INDEX MAP



Scale, 1 inch to 100 miles

ISOMAGNETIC LINES	(total field)
500 gammas	
100 gammas	
20 gammas	
10 gammas	
Magnetic depression	
Flight lines	
Flight altitude 500 feet above ground level	

MAP 8451 G

SINCLAIR LAKE

SUDBURY DISTRICT

ONTARIO

Scale: One Inch to One Half Mile = 1/31,680

Miles
1/2 1/4 0 1/2 1 1 1/2

The Department of Energy, Mines and Resources is indebted to the NEW JERSEY ZINC EXPLORATION CO. LTD. for permission to publish these data which were produced by the DOMINION GULF CO., TORONTO, from information recorded during the course of their surveys in 1947, 1948, and 1949.

No correction has been made for regional variation.

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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.

GEOPHYSICS PAPER 8451

SINCLAIR LAKE

ONTARIO

SHEET 41 P/14 WEST HALF