AEROMAGNETIC SERIES

PROVINCE OF SASKATCHEWAN
DEPARTMENT OF MINERAL RESOURCES

DEPARTMENT OF MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

SHEET 74 P/15

105°00' 55' 50' Joins Map 376 G, "Turner Lake" 40' 35' 104°30'

60°00'

55'

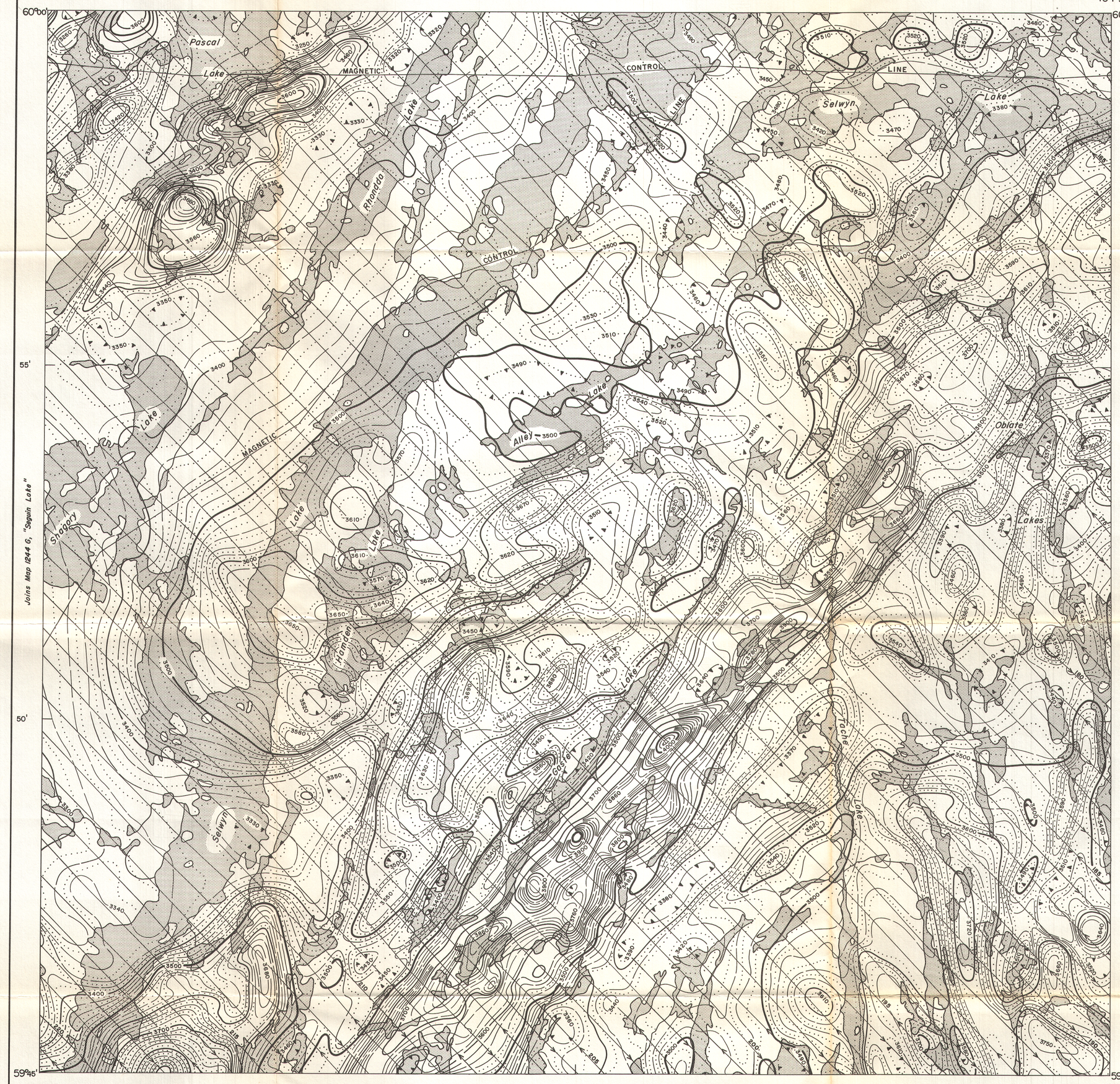
50'

59°45'

Joins Map 1244 G, "Saguin Lake"

Joins Map 1246 G, "Orfeel Lake"

Joins Map 1240G, "Young Lake"



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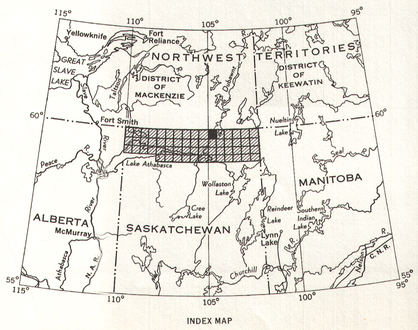

INDEX MAP

ISOMAGNETIC LINES (total field)

500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression

Flight lines
Flight altitude: 1000 feet above ground level.

MAP 1245G

GASTE LAKE

SASKATCHEWAN

Scale: One Inch to One Mile = 1/63,360

Miles

1 ½ 0 1 2 3

Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Surveys, Ottawa, Ontario.

Airborne Magnetic Survey, June to October, 1961, by Canadian Aero Service Ltd.

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.

GEOPHYSICS PAPER 1245

GASTE LAKE

SASKATCHEWAN

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