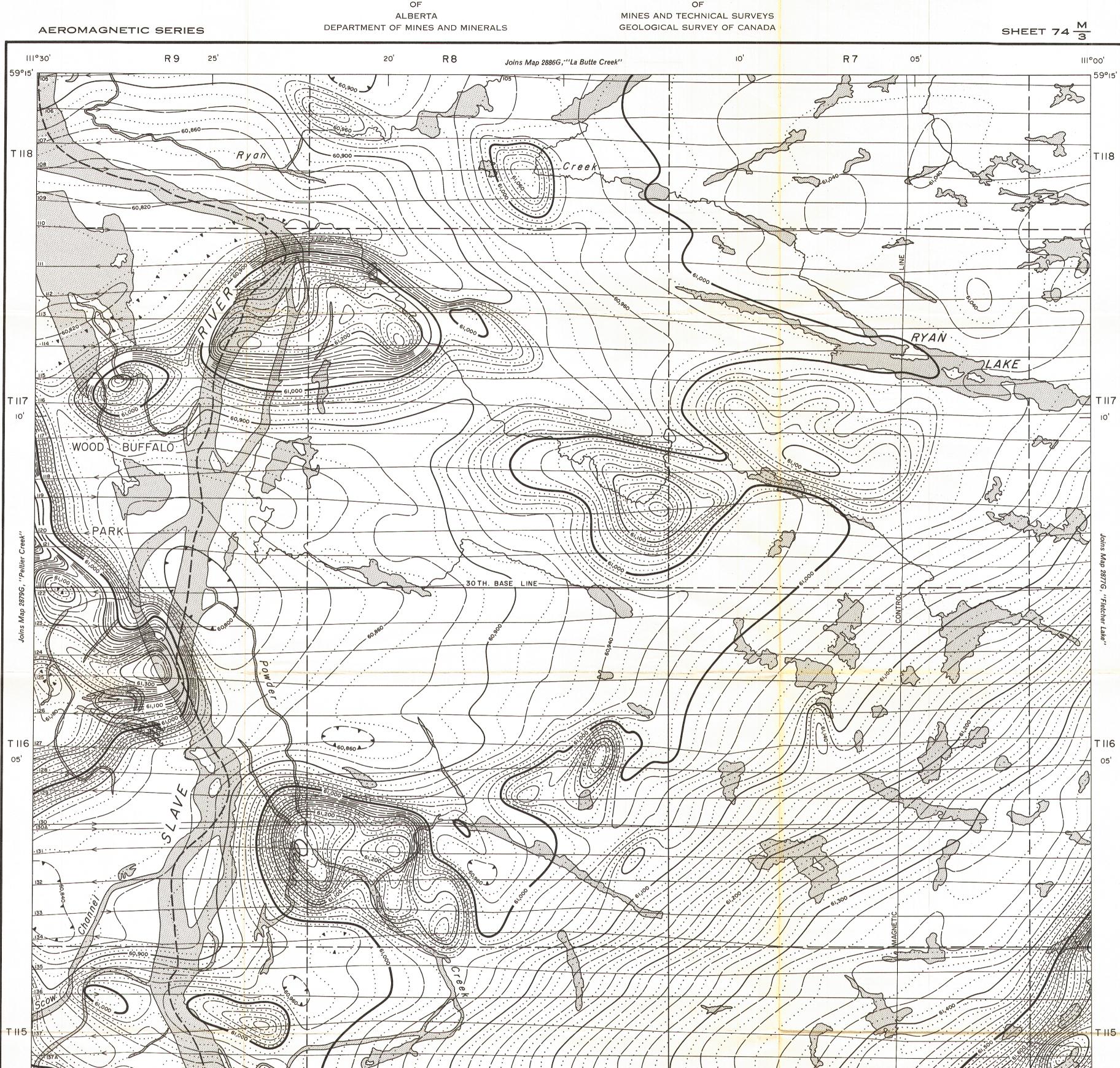
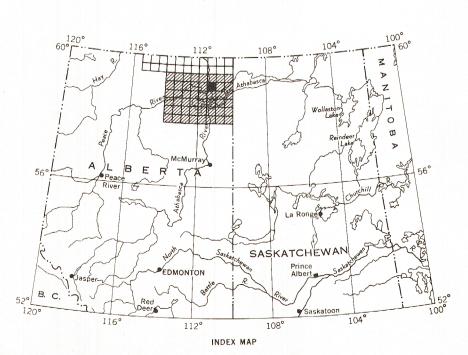
PROVINCE ALBERTA

DEPARTMENT





111°30'

R 9

25

ISOMAGNETIC LINES

20'

R8

500 gammas Flight altitude: 1000 feet above ground level

RYAN LAKE **ALBERTA**

MAP 2878G

Joins Map 2870G, "Rivière des Rochers"

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

Magnetic Survey, August to October 1962, by Aero Surveys Ltd.

R7

05

No correction has been made for regional variation

10'

The planimetry for this map was obtained from the topographical map sheet, published at a scale of one inch to one mile, supplied by the Department of Lands and Forests, Province of Alberta.

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.

111°00'

PUBLISHED, 1964

GEOPHYSICS PAPER 2878 RYAN LAKE ALBERTA SHEET 74 M