PROVINCE DEPARTMENT SASKATCHEWAN MINES AND TECHNICAL SURVEYS AEROMAGNETIC SERIES DEPARTMENT OF MINERAL RESOURCES SHEET 74 N 12 GEOLOGICAL SURVEY OF CANADA 110°00' 55 Joins Map 1211 G, "Thainka Lake" 40' 109°30' 35 110°00' 50' Joins Map 1204 G, "Maurice Bay" 40' 109°30' PUBLISHED 1962 MAP 1210G ISOMAGNETIC LINES (total field) The magnetic data on this map were compiled from information recorded HARPER LAKE along the flight lines shown. The anomalies expressed by the magnetic contours Airborne Magnetic Survey, June, to October, 1961, by Canadian Aero Service Ltd. 500 gammas. are dependent on the variable magnetic intensities of the underlying rocks, and 100 gammas... may be due to conditions near, or at unknown depths below, the surface. High 20 gammas SASKATCHEWAN magnetic anomalies normally indicate the presence of basic rocks, such as diabase, No correction has been made for regional variation. 10 gammas.... gabbro, or serpentine, which have a relatively high iron content, but in special Magnetic depression..... The planimetry for this map was obtained from 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, the topographical map sheet published at a scale of Scale: One Inch to One Mile = $\frac{1}{63,360}$ Miles such as faults or folds, may be traced by the geologist into, or across, areas one inch to four miles. of few or no outcrops. In many instances, however, no interpretation of particular Flight altitude: 1000 feet above ground level. anomalies may be possible without further geological information.

Air photographs covering this map-area may be obtained

through the National Air Photographic Library, Topographical

Surveys, Ottawa, Ontario.

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HARPER LAKE
SASKATCHEWAN
SHEET 74 N 12