CANADA DEPARTMENT MINES AND TECHNICAL SURVEYS GEOLOGICAL SURVEY OF CANADA SHEET 83 1 AEROMAGNETIC SERIES 50' 113°30′ Meadowbrook Horseshoe L. 35 Lakeviewn Long Island, TP.63, R.27 TP.63, R.26 -TP.63, R.25 -TP.63, R.24 Larkspur 36 33 THERN 34 Armstrong L. TP.62, R.27 TP.62, R.24 TP.62, R.26 TP.62, R.25 Geall Lake /Analta ROAD ROAD Dapp Dapp Halcreek 36/ Dapp /ROAD Halach / TP.61, R.27 TP,61. R.26 TP.61, R.25 TP.61, R.24 ROAD 12 Pibroch S, Lebeaus L. PUBLISHED, 1957 50′ 113° 30′ MAP 473G ADVANCE EDITION ISOMAGNETIC LINES (total field) The magnetic data on this map were compiled from information DIAGRAM OF TOWNSHIP SHOWING NUMBERING OF SECTIONS recorded along the flight lines shown. The anomalies expressed by 500 gammas..... DAPP 100 gammas..... the magnetic contours are dependent on variations in the magnetic 20 gammas..... intensities of the basement rocks as recorded at the flight altitude. 31 32 33 34 35 36 These variations are, for the most part, due to changes in the 30 29 28 27 26 25 WEST OF FOURTH MERIDIAN composition of the rocks making up the basement, but in some 19 20 21 22 23 24 instances may be due to changes in altitude of the basement. Strong ALBERTA anomalies are probably due to an increased magnetite content in the Flight line..... 18 17 16 15 14 13 rocks, but small anomalies may be due to either of the above causes. Flight altitude: 1000 feet above ground level 7 8 9 10 11 12 Scale: One Inch to One Mile = $\frac{1}{63,360}$ Magnetic Survey, June to September, 1952, by 6 5 4 3 2 1 No correction has been made for regional variation; Geophysics Division, Geological Survey of Canada, this increases at the rate of 0.5 gammas per mile Department of Mines and Technical Surveys. from north to south and 2.8 gammas per mile from Township boundary, surveyed Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario. Township boundary, unsurveyed ______ GEOPHYSICS PAPER 473 DAPP SHEET 83 5