CANADA DEPARTMENT MINES AND TECHNICAL SURVEYS SHEET 83 12 GEOLOGICAL SURVEY OF CANADA AEROMAGNETIC SERIES 45' 114°00′ 54° 45′ F ₹25 T Baptiste Lake Banana Lake TP.66, R.27 TP.66, R.24 TP.66, R.25 TP.66, R.26 Sex Sex Francis Lake --4-Lincoln 36 Steele - Lake TP.65, R.24 TP.65, R.27 TP.65, R.25 TP.65, R.26 Narrow Lake/ 0 Lake Sylvan Glen TP.64, R.27 TP.64, R.24 TP.64, R.25 TP.64, R.26 10 Lake Island ? Munyass L. PUBLISHED, 1957 113° 30′ 55′ MAP 478G ADVANCE EDITION ISOMAGNETIC LINES (total field) The magnetic data on this map were compiled from information recorded along the flight lines shown. The anomalies expressed by DIAGRAM OF TOWNSHIP SHOWING NUMBERING OF SECTIONS the magnetic contours are dependent on variations in the magnetic COOLIDGE 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 WEST OF FOURTH MERIDIAN composition of the rocks making up the basement, but in some Magnetic depression..... 30 29 28 27 26 25 instances may be due to changes in altitude of the basement. Strong 19 20 21 22 23 24 ALBERTA anomalies are probably due to an increased magnetite content in the Flight line.... rocks, but small anomalies may be due to either of the above causes. 18 17 16 15 14 13 Flight altitude: 1000 feet above ground level 7 8 9 10 11 12 Scale: One Inch to One Mile = $\frac{1}{63360}$ Magnétic Survey, June to September, 1952, by 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 GEOPHYSICS PAPER 478 Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario. COOLIDGE ALBERTA

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