PREPARED IN COOPERATION WITH DEPARTMENT OF THE INTERIOR GEOPHYSICAL INVESTIGATIONS THE COMMONWEALTH OF PENNSYLVANIA UNITED STATES GEOLOGICAL SURVEY DEPARTMENT OF INTERNAL AFFAIRS MAP GP- 242 76°00′ (SINKING SPRING) EXPLANATION Magnetic contours and flight traverse Contours dashed where data are incomplete; contours show total intensity relative to an arbitrary datum. Magnetic contour enclosing area Muddy Creek of lower magnetic intensity Measured maximum or minimum intensity within closed high or closed low 0 NOTE Aeromagnetic data are obtained and compiled along a continuous line, whereas ground magnetic surveys are made at separate points. Errors within the are made at separate points. Errors within the normal limits of any magnetic measurement may cause slight discrepancies between flight lines in an aeromagnetic map, which would be more obvious than similar discrepancies between points in a ground magnetic map. For this reason as much care should be exercised in evaluating magnetic features that appear as elongations along a single aeromagnetic traverse as in interpreting an anomaly indicated by a single ground station. 12'30" 12'30" Bowmansville INDEX MAP OF PENNSYLVANIA. SHOWING AREA OF AEROMAGNETIC SURVEY 1956-57 White Oak Napierville Sch Bible Conference CreekMuddyRed Run Ch 217 218 219 245 Union Zion H R A/T Turkey > Center Sch West Terre Hill Sch $\widehat{CONESTOGA}$ Creek Linden Grove Weaverland Conestoga . Linden Grove Weaverland Sch Goodville (NEW HOLLAND) INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1961 61040 76°07′30′′ Base map by Topographic Division U. S. Geological Survey Aeromagnetic survey flown at 500 feet above ground, 1957 AEROMAGNETIC MAP OF THE TERRE HILL QUADRANGLE, LANCASTER AND BERKS COUNTIES, PENNSYLVANIA Randolph W. Bromery, Gerald L. Zandle, and others APPROXIMATE MEAN DECLINATION, 1960 SCALE 1:24 000 CONTOUR INTERVAL 50 GAMMAS GEOPHYSICAL INVESTIGATIONS MAP GP- 242 1961 For sale by U. S. Geological Survey, price 50 cents