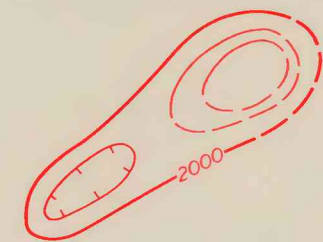


EXPLANATION  
For explanation of geologic symbols, see geologic map  
of the Island Falls quadrangle



Magnetic contours  
Showing total intensity magnetic field of the earth in gammas  
relative to arbitrary datum. Hachures indicate closed area  
of lower magnetic intensity; dashed where data are incom-  
plete. Contour intervals 10 and 50 gammas

Measured maximum or minimum intensity within  
closed magnetic high or closed magnetic low

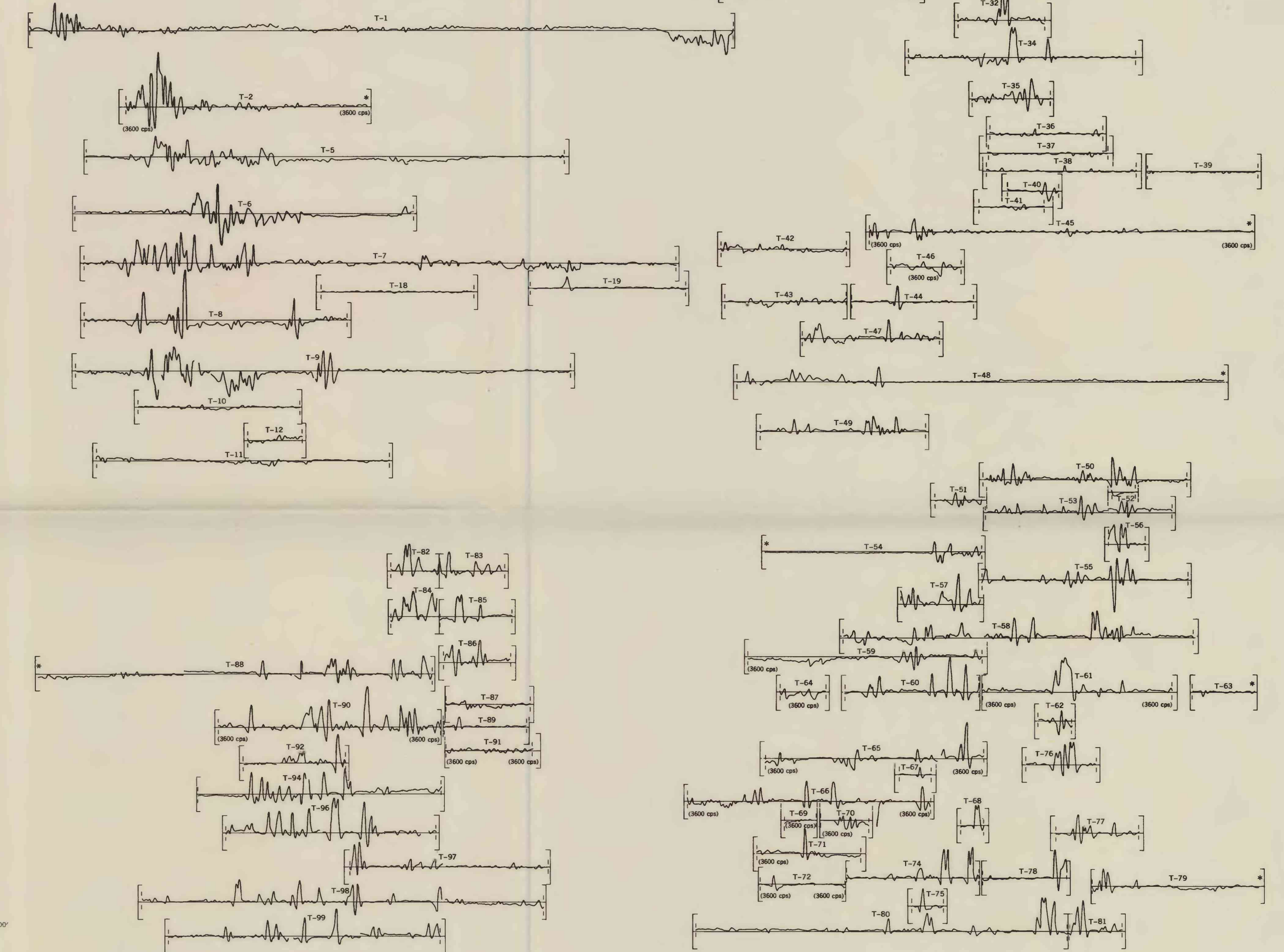
Flightpath  
Showing location and spacing of data

Ground electromagnetic and magnetic traverses  
Dotted where not accurately located. Arrow indicates that  
traverse continued beyond quadrangle boundary. Paren-  
theses around traverse number (T-54M) indicate that no  
profile is shown on this sheet  
T-12, electromagnetic traverse  
(T-51M), magnetic traverse  
(T-95X), experimental electromagnetic traverse

Ground electromagnetic or magnetic profile  
Vertical ticks at ends of profile indicate ends of traverse; as-  
terisk indicates that traverse continued beyond quadrangle  
boundary or into an area of no anomalies. Vertical scale  
is out-of-phase component, in percent. All traverses at 2,000  
cps unless indicated at 3,600 cps. Profile dashed in vicinity  
of excessive powerline interference

NOTE: Aeromagnetic data are obtained and compiled  
along a continuous line, whereas ground magnetic  
surveys 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

1000 0 5000 FEET



Base by U.S. Geological Survey, 1940

Aeromagnetic survey flown at 500 feet above  
ground surface by W. J. Dempsey and J. R.  
Balsley, 1951, and R. W. Bromery, 1958.  
Compilation prepared by F. P. Gilbert

AEROMAGNETIC MAP AND ELECTROMAGNETIC PROFILES, ISLAND FALLS QUADRANGLE, MAINE

