

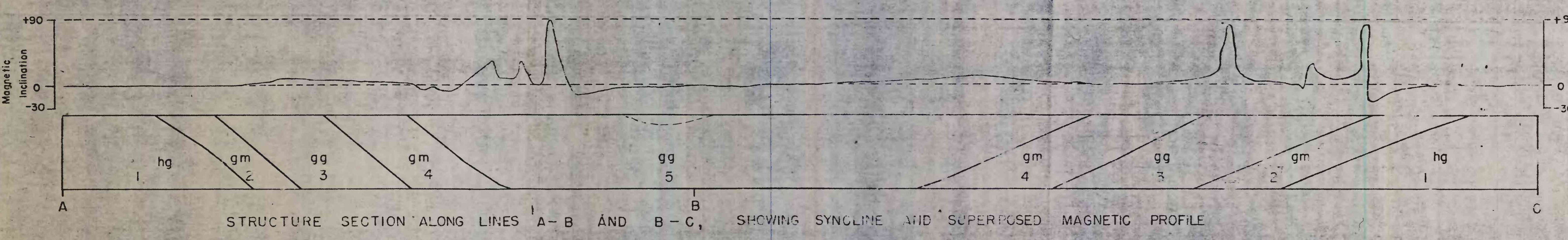
STRUCTURE SECTIONS AND
GEOLOGIC AND RECONNAISSANCE MAGNETIC MAP
OF PART OF DEAD CREEK SYNCLINE
WANAKENA, NEW YORK

Geology and magnetic data by A. F. Buddington and B. F. Leonard
Pace-compass survey, July-October 1944

EXPLANATION

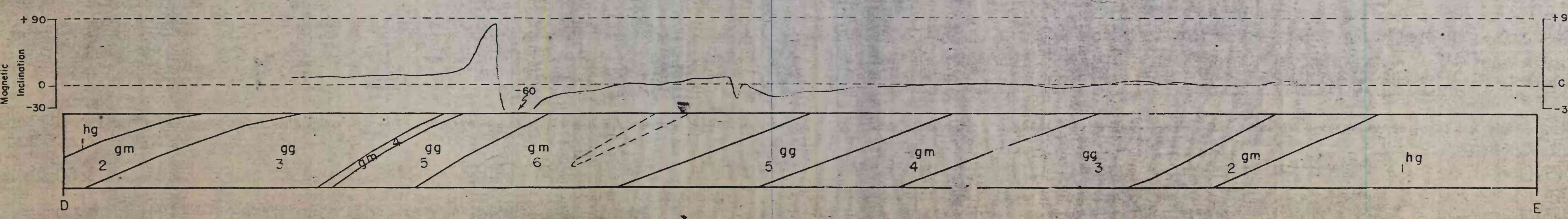
- Geology
- gg Granite gneiss, often biotitic, locally with sillimanite and garnet. Forms sheets within metasediments of the Grenville series in the Dead Creek area.
 - hg Hornblende granite gneiss
 - gm Metasediments and migmatites of the Grenville series
- PRE-CAMBRIAN
- Strike and dip of foliation: m-moderate dip, g-gentle dip
- Vertical foliation
- Horizontal foliation
- Trend and plunge of lineation (plunge measured in vertical plane)
- Contact, dashed where inferred
- Magnetic anomalies
- Values in degrees of inclination of dip needle. Readings corrected so that -10° (regional neutral read on the dial) is taken as zero. Isocline interval 20° except where otherwise indicated. Zero isocline not shown.

Scale
0 400 FEET



STRUCTURE SECTION ALONG LINES A-B AND B-C, SHOWING SYNCLINE AND SUPERPOSED MAGNETIC PROFILE

NOTE: Numbers used on structure sections indicate equivalent lithologic units.



STRUCTURE SECTION ALONG LINE D-E, SHOWING OVERTURNED ISOCLINAL SYNCLINE AND SUPERPOSED MAGNETIC PROFILE