



EXPLANATION

- ↑ Ground being stretched parallel to direction of ground movement--  
 Length of symbol roughly proportional to size of area over which  
 evidence of stretching was observed
- ↔ Ground being sheared parallel to direction of ground movement
- ↓ Ground being shortened parallel to direction of ground movement
- Scarp
- Flank
- Toe
- 3'-9" Offset measured at boundaries of the landslide--(max) indicates  
 an upper-bound estimate of displacement, (min) indicates a  
 lower-bound estimate of displacement

0 500 FEET

SCALE

North

MAP SHOWING STYLE OF GROUND DEFORMATION AT THE LANDSLIDE COMPLEX IN THE WOODLAWN AREA OF MANOA VALLEY, HONOLULU, HAWAII

Mapped January, February, and April 1989 by R.L. Baum, R.W. Fleming, and S.D. Ellen, U.S. Geological Survey, Field mapping completed 27 April 1989