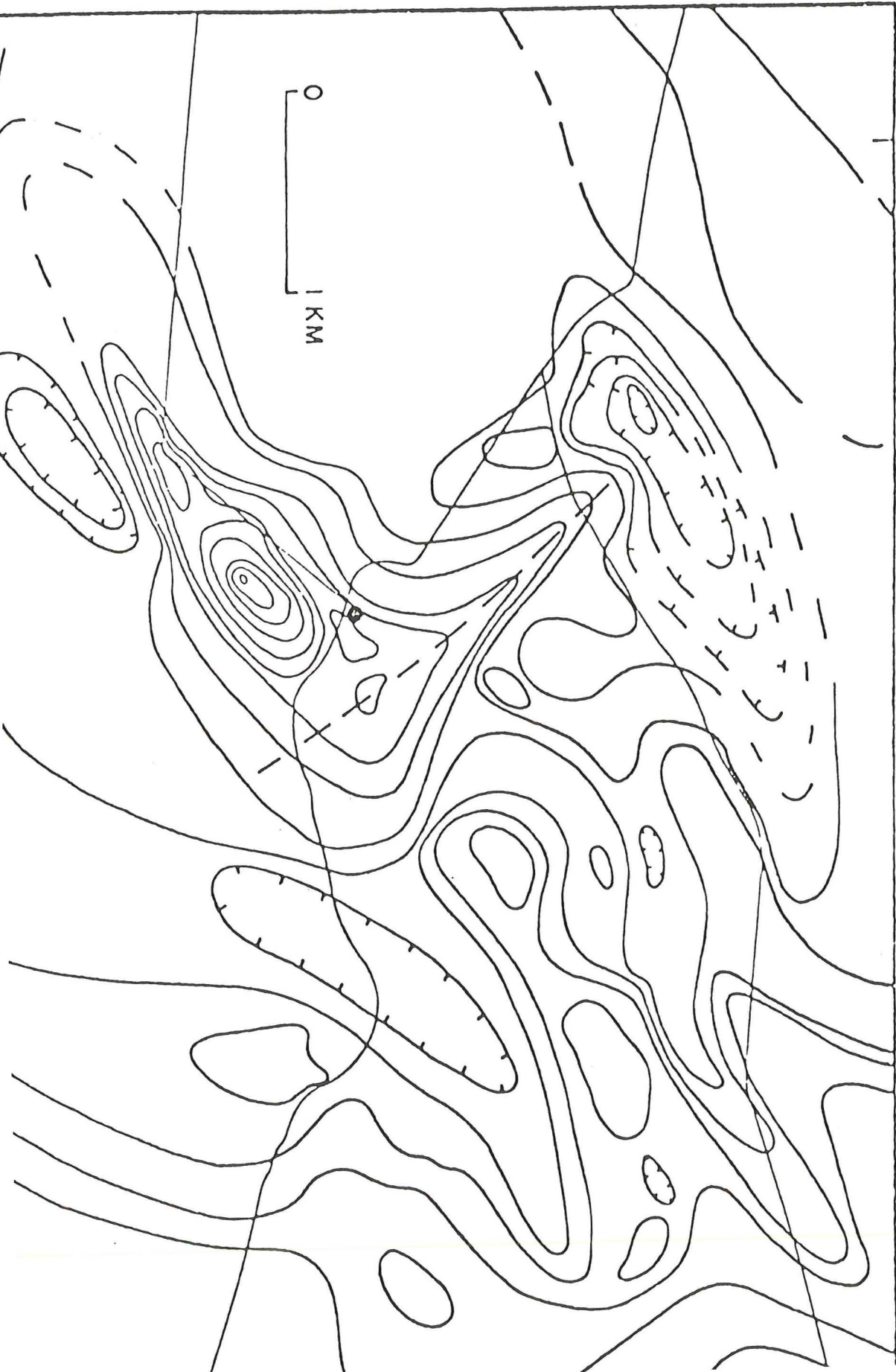
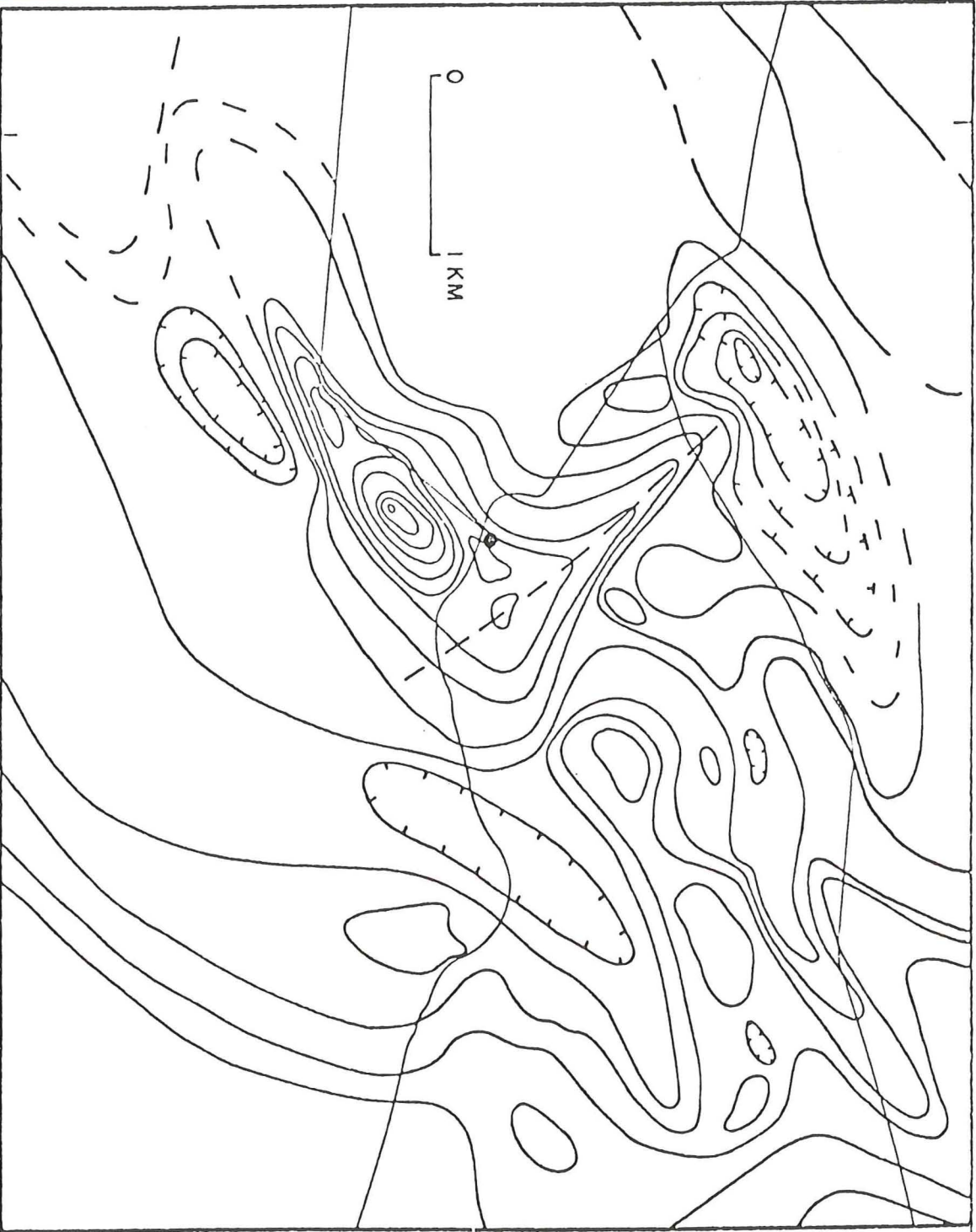


Figure 2 Contour map of the self-potential distribution in the area of Kilauea's lower east rift zone (dashed where inferred). Hachures indicate negative potentials. Each unit contour interval represents 0.1 V. A-A' traverse (barred line) indicates location of profile shown in Figure 4. Crossed circle shows location of the University of Hawaii's geothermal drill hole. Shaded areas, labeled A, B, C, and D, are the same as in Figure 1.

*Intermediate blow up*



*intermediate blow up.*



19°30'

154°55'

*map 1.56*

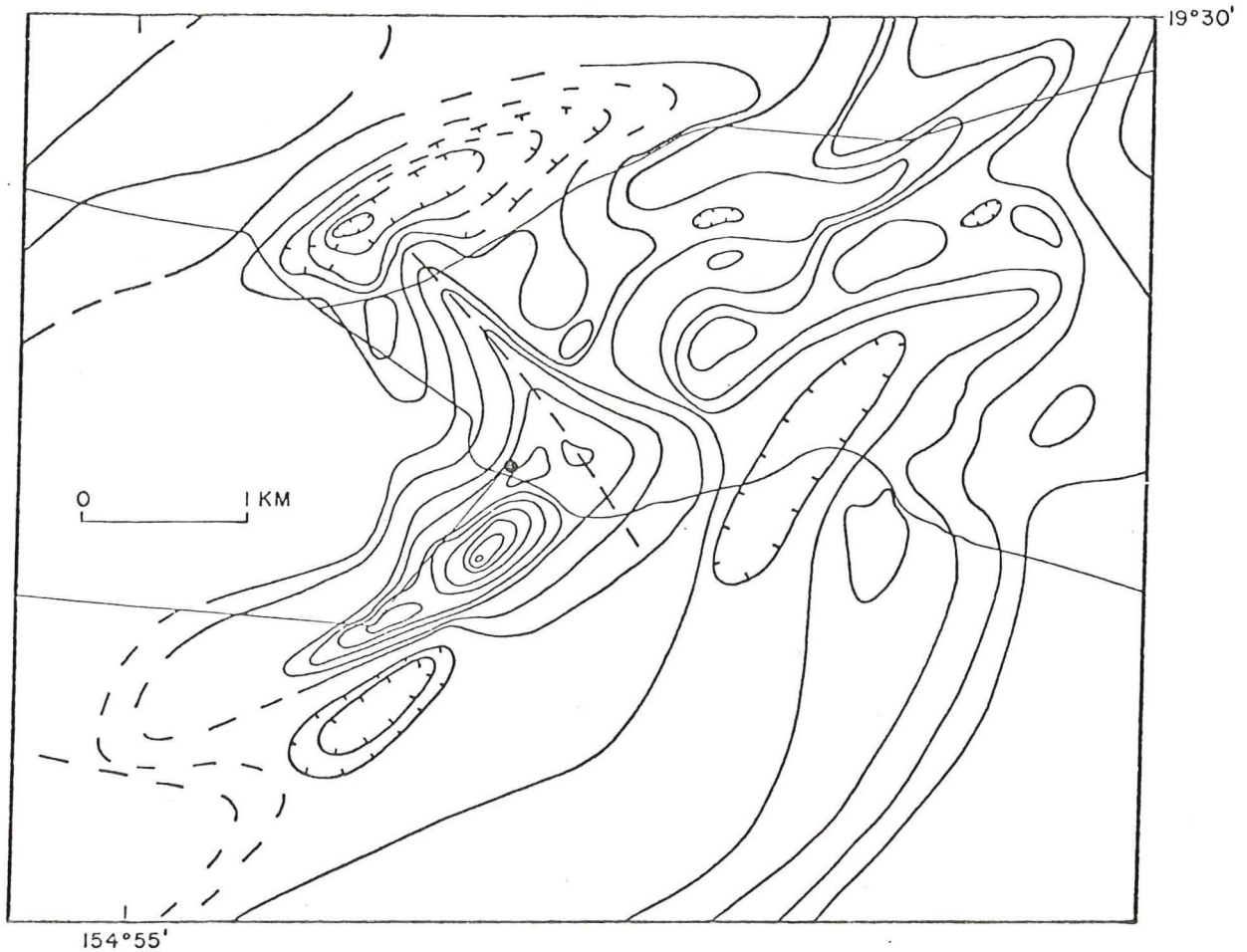


Figure 5 Detailed contour map of the self-potential distribution in the vicinity of the geothermal drill hole (solid circle). Contour interval is 50 mV (see Fig. 2 for absolute values); contours are dashed where inferred. Hachures indicate closed lows (negative potentials); thin lines indicate location of major roads in the area; dashed line through anomaly C (Fig. 2) is projection of inferred transform fault.

32.81  $\mu\text{V}/\text{km}$  *need up 1.92x*

*double size to be @ 1:24,000*

1 km @ 1:24,000

*To 1:24,000*