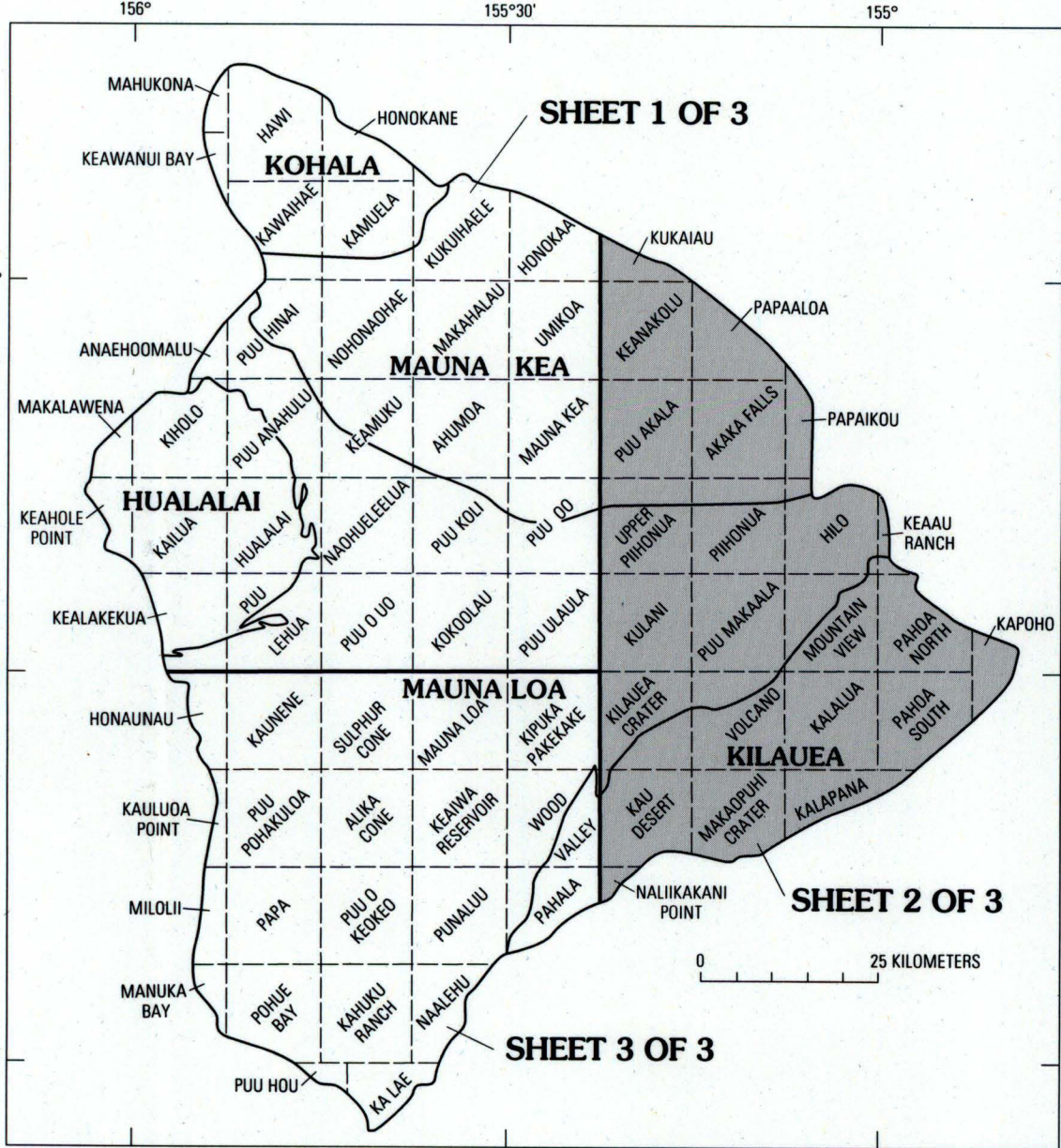


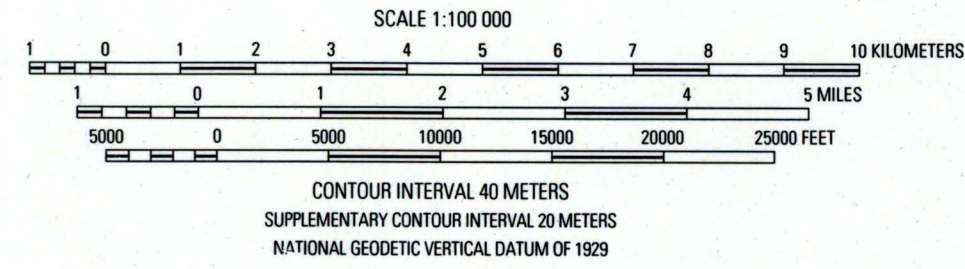


INDEX MAP SHOWING LOCATION OF THIS SHEET (SHADING) IN RELATION TO OTHER TWO SHEETS THAT MAKE UP MAP OF THE ISLAND OF HAWAII. ALSO SHOWN ARE 7 1/2-MINUTE QUADRANGLES AND VOLCANOES ON THE ISLAND OF HAWAII

Geology shown on map I-2524-A; see sheet 2 for Correlation of Map Units, List of Map Units, and explanation of map symbols; see pamphlet (for I-2524-A) for Description of Map Units, Discussion, References, and Sources of Geologic Mapping

Sample localities plotted on map I-2524-B; see pamphlet (for I-2524-B) for chemical analyses and radiocarbon age data

- EXPLANATION**
- Contact—Dotted where concealed by a mapped younger unit. Arrow, showing general direction lava flowed, indicates correlation of correlative cinder cones and lava flows. See companion map I-2524-A for geologic map units
 - - - Fault—Dashed where approximately located; dotted where concealed; bar and ball on downthrown side
 - Open cracks
 - X X Ground-crack zone—Recent, left-stepping, en-echelon ground cracks (Jackson and others, 1992)
 - ++++ Fissure vent—Marked by elongate deposits of spatter; short dashed where buried
 - Point vent—Lacking mappable pyroclastic deposits
 - Steep wall of caldera or crater
 - ER Quadrangle boundary—Also shown is two-letter 7 1/2' quadrangle code used in sample locality number; see figure 1 for quadrangle names
 - 150 Chemically analyzed sample—Numerical combined with quadrangle code gives sample locality number (for example, ER-15) indicated in table 1
 - W935 Radiocarbon sample—Identified by laboratory number
 - W5079 Collocated radiocarbon and chemically analyzed samples



Geology mapped in 1977-1995. See Geologic Map of the Island of Hawaii (Map I-2524-A) for full detail.

Edited by Jan L. Ziegler and Tanya Lindquist; cartography by Jean Morris

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SAMPLE DATA FOR THE GEOLOGIC MAP OF THE ISLAND OF HAWAII

Compiled by
Edward W. Wolfe and Jean Morris
1996

Base from US Geological Survey, Hawaii County, Hawaii, Sheet 2 of 3. Locally modified in areas of 1980-77 and 1972-74 lava using data from Makapuu Crater and Volcano quadrangles, 1:24,000, 1981. Shading modified by geologic mapping between Ka Lae and Kaimu where extended by lava of 1980-82 and 1982-85.

Universal Transverse Mercator projection

