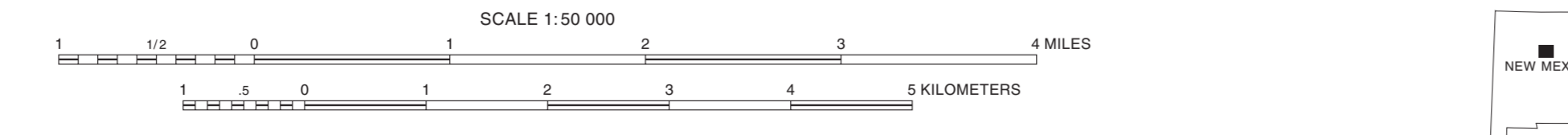


GEOLOGIC CROSS SECTIONS SPANNING THE LA BAJADA CONSTRICTION AND NORTHERN CERRILLOS UPLIFT, NEW MEXICO

By David A. Sawyer, Scott A. Minor, V.J.S. Grauch, Brian D. Rodriguez, and Ren A. Thompson



Note: Lines of sections are shown on geologic map (pl. 2, this volume). Geologic interpretations shown in sections are constructed by mapped surface geology shown on plate 2, gravity and aeromagnetic data presented in chapter D, airborne and ground electromagnetic data presented in chapter E, and geologic well data presented in chapter G (all this volume). Surficial Quaternary deposits shown on plate 2 are contoured to show the underlying geologic structure. Subsurface geology is contoured by modeling of gravity and aeromagnetic data as described in chapter D (this volume) and as illustrated in figure D6. Most magnetotelluric soundings and water wells are projected short distances orthogonally into planes of the sections.

Outside of plate 2 map area. Geology based on mapping of Maynard and others (2001) and Maynard and Lianber (2002)