

PLATE 5 Series. Electronic-folder compilation of nineteen hydrogeologic cross sections that schematically illustrates subsurface hydrostratigraphic and structural relationships to a mean sea level depth in the Study Area (PL. 2A). The initial compilation scale was 1:1,100,000; and the vertical exaggeration is 5x. Sections form a roughly orthogonal fence-diagram grid, with locations shown on the **PLATE 5-1** index map: (1) Thirteen sections (**A-A'** to **L-L'** & **S-S'**) have a transverse (general W-E) basin/river-valley orientation (**PLS. 5a-5l** & **5s**); and (2) six sections **M-M'** to **R-R'** have a general (N-S) basin and mountain-range trend (**PLS. 5m-5r**), and form a (*cf.* **Part 2.3.2**). The blue line in each section's upper part marks the approximate water-table and/or potentiometric-surface position; and the most-productive upper and middle parts of the SFG basin-fill aquifer system are shown with lighter shades of yellow. **PLATE 5o** is also included as a separate, down-valley series (3-part Section **O-O'-O''-O'''**), which extends from the lower Rincon Valley Basin to the western Hueco Bolson via the Selden Canyon, Mesilla Valley, and El Paso del Norte.