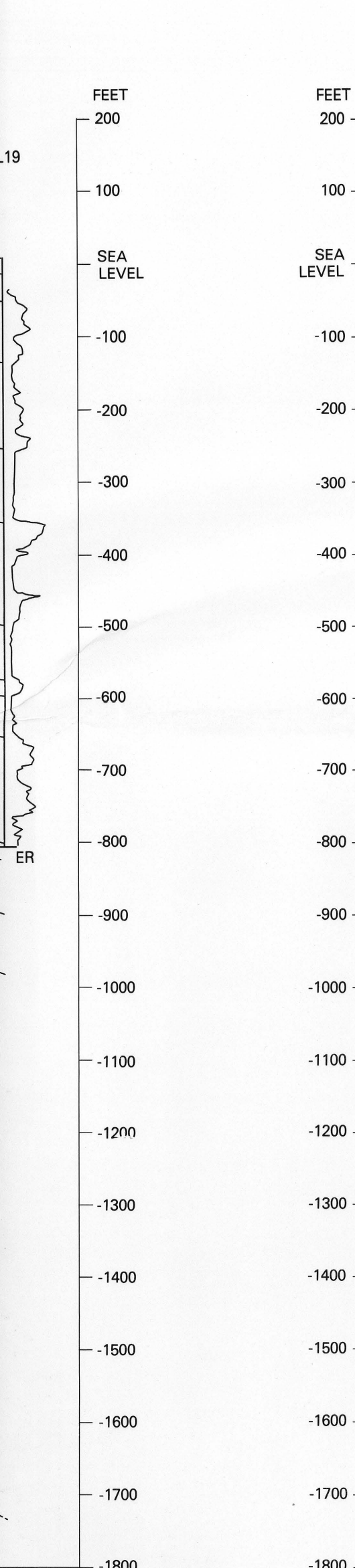




This geological cross-section illustrates the subsurface geology of the Potomac River estuary, showing the relationship between various aquifers and confining units. The diagram is oriented with the river on the left and the land on the right. Key features include:

- Aquifers and Confining Units (from top to bottom):**
 - Yorktown-Eastover aquifer
 - Chickahominy-Piney Point aquifer
 - Nanjemoy-Marlboro aquifer
 - Upper Potomac aquifer
 - Middle Potomac aquifer
 - Lower Potomac aquifer
 - Basement
- Confining Units:**
 - Yorktown confining unit
 - St. Marys confining unit
 - Calvert confining unit
 - Potomac confining unit
 - Upper Potomac confining unit
 - Middle Potomac confining unit
 - Lower Potomac confining unit
- Geological Features:**
 - Recent stream channel deposits:** Indicated near the river mouth.
 - Chickahominy River:** Shown as a major water body on the left.
 - Basement:** The deepest geological layer shown.
- Well Locations and Data:**
 - Well IDs:** 51K7, 52K6, 52K10, 54J4, 54H11, 55H1, 56G9, 57G22, 57G25, 57F2, 58F3, 59D20.
 - ER (Exploration Results):** Indicated for wells 51K7, 52K6, 52K10, 54J4, 54H11, 55H1, 56G9, 57G22, 57G25, 57F2, 58F3, 59D20.
 - SP (Sample Points):** Indicated for wells 56G9, 57G22, 57G25, 57F2, 58F3, 59D20.

