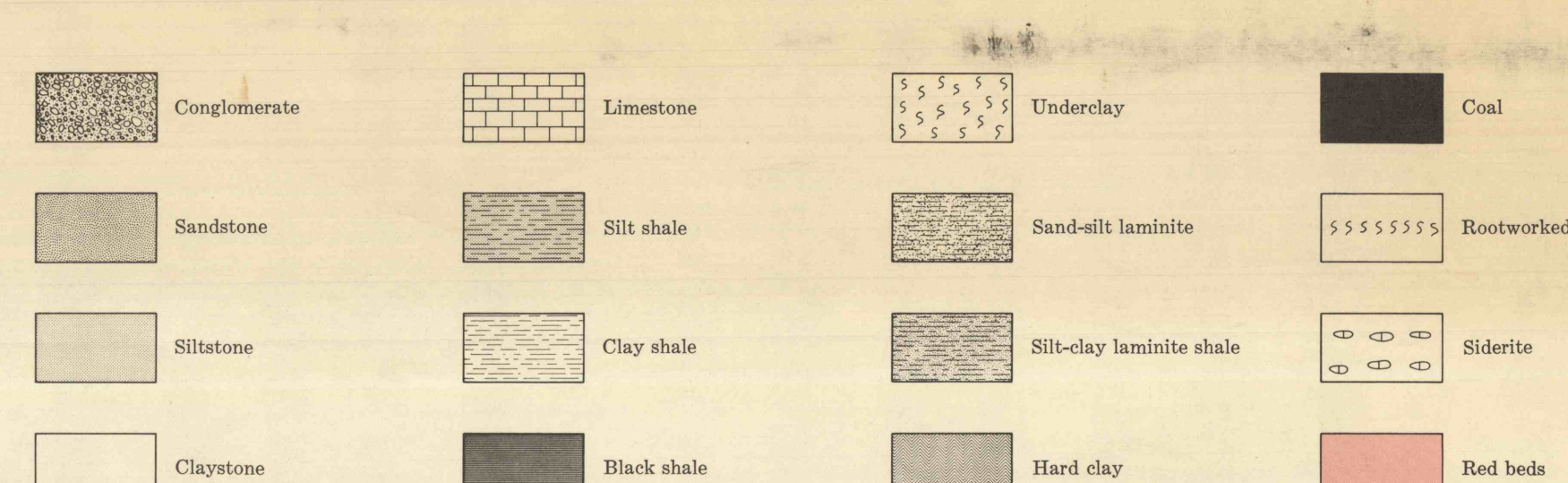


\*Due to inferred pre-Pennsylvanian regional upwarping and development of an unconformity, the Pottsville Group lies on successively older Mississippian strata to the north. At the northern edge of this report area, Pottsville conglomerates rest on the lower member of the Pocono Formation. That the loss of Mississippian lithostratigraphic units to the north is due to nondeposition, rather than erosion, is an alternative worthy of consideration.

LITHOLOGIC SYMBOLS USED IN COLUMNAR SECTION



\*Artesian conditions occur along the flanks of the major anticlines and along the axis of the syncline. The Burgoon and Elliott Park sandstones along the center of the Punxsutawney-Caledonia syncline are several hundred feet below base level and may contain salt water.