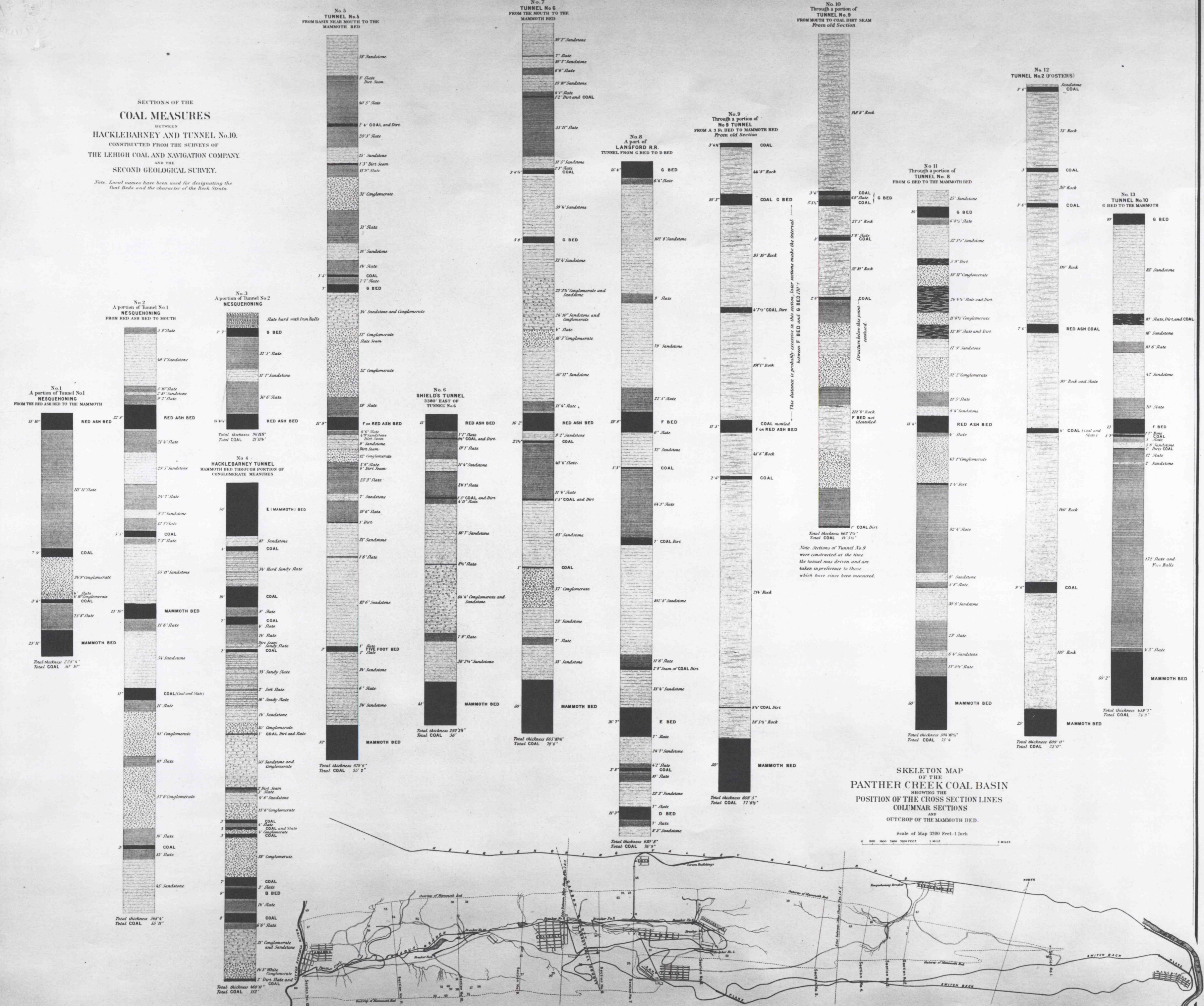


SECTIONS OF THE
COAL MEASURES
 BETWEEN
HACKLEBARNEY AND TUNNEL No. 10.
 CONSTRUCTED FROM THE SURVEYS OF
 THE LEHIGH COAL AND NAVIGATION COMPANY
 AND THE
 SECOND GEOLOGICAL SURVEY.

Note. Local names have been used for designating the Coal Beds and the character of the Rock Strata.



SKELETON MAP
 OF THE
PANTHER CREEK COAL BASIN
 SHOWING THE
 POSITION OF THE CROSS SECTION LINES
 COLUMNAR SECTIONS
 AND
 OUTCROP OF THE MAMMOTH BED.

Scale of Map 3200 Feet-1 Inch