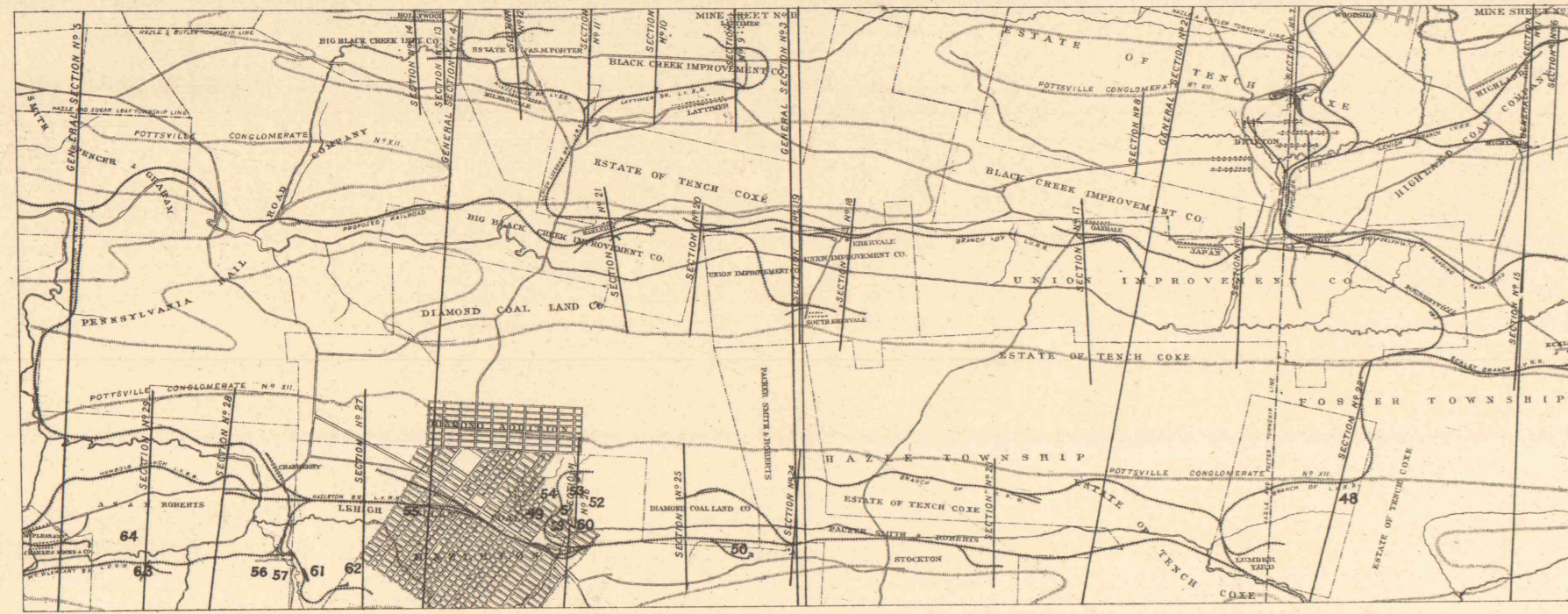
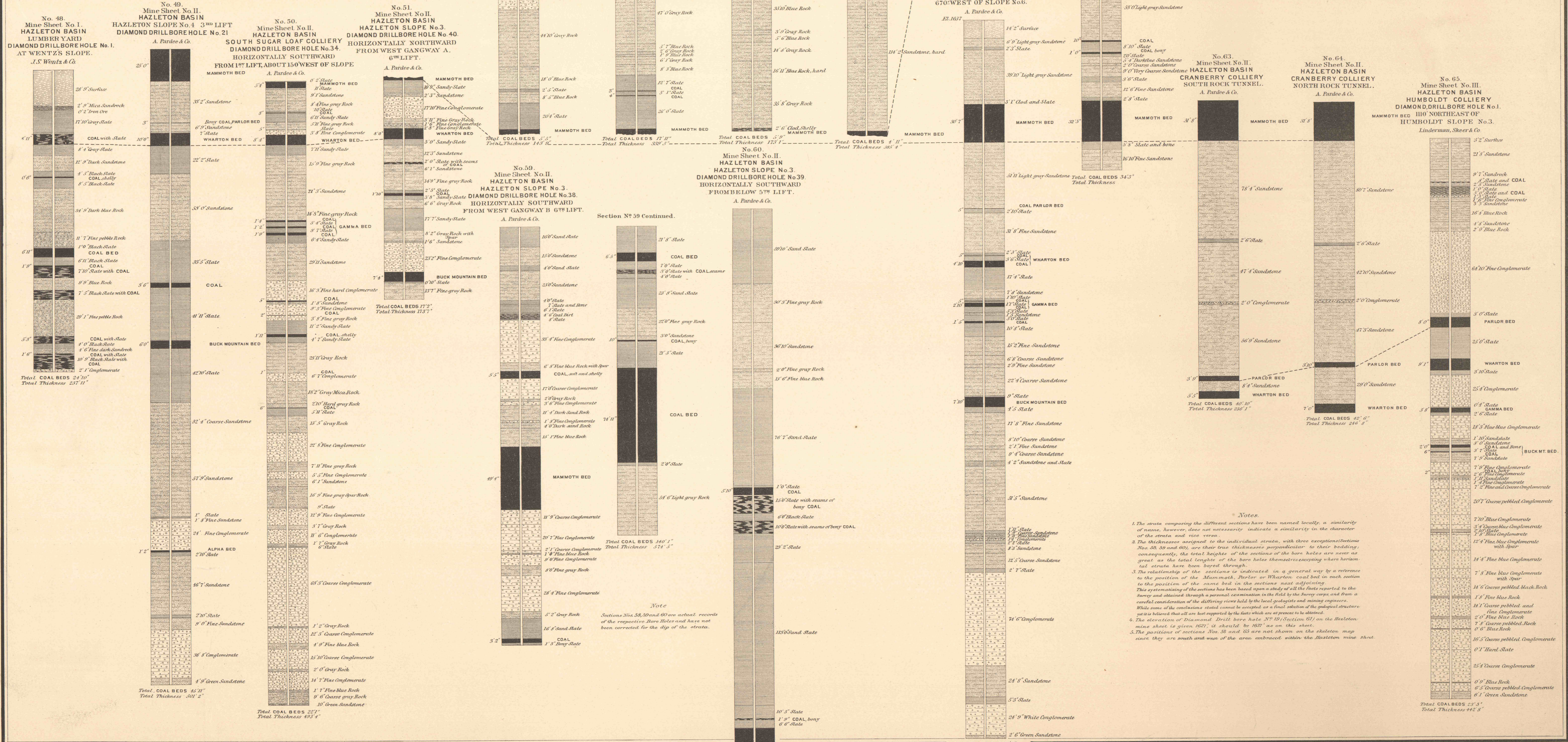


SKELETON MAP MINE SHEETS NOS. I AND II SHOWING THE POSITION OF THE COLUMNAR SECTIONS ON SHEET III. Scale: 1 mile to 1 inch.



Note: For additional columnar sections within the area embraced by Mine Sheets Nos. 1 and II, see Columnar Section Sheets I and II.

COLUMNAR SECTIONS OF THE COAL MEASURES IN THE VICINITY OF LUMBER YARD, HAZLETON, CRYSTAL RIDGE, AND Mt PLEASANT, LUZERNE COUNTY. CONSTRUCTED FROM MEASUREMENTS OBTAINED FROM THE COMPANIES NAMED IN THE INDIVIDUAL TITLES. Scale: 40 feet to 1 inch.



Notes: 1. The strata composing the different sections have been named locally, a similarity of name, however, does not necessarily indicate a similarity in the character of the strata and vice versa. 2. The thickness assigned to the individual strata, with three exceptions (Nos. 48, 59 and 60), are their true thicknesses perpendicular to their bedding, consequently the total heights of the sections of the bore holes are never as great as the total lengths of the bore holes themselves occupying their horizontal position. 3. The relationship of the sections is indicated in a general way by reference to the position of the Mammoth, Parlor or Wharton coal bed in each section to the position of the same bed in the sections next adjoining. This relationship of the sections has been based upon a study of all the floor reports to the survey and obtained through a personal examination in the field to the survey camps and from a careful consideration of the differing views held by the local geologists and mining engineers. While some of the conclusions stated cannot be accepted as a final solution of the geological structure yet it is believed that all are well supported by the facts which are at present to be obtained. 4. The elevation of Diamond Drill bore hole No. 19 (Section 61) on the Hazleton mine sheet is given 1627, it should be 1627' as on this sheet. 5. The positions of sections Nos. 58 and 63 are not shown on the skeleton map since they are much and west of the area embraced within the Hazleton mine sheet.