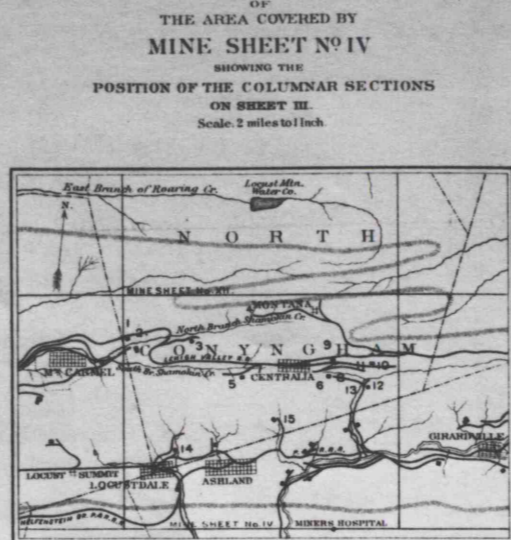


SKELETON MAP

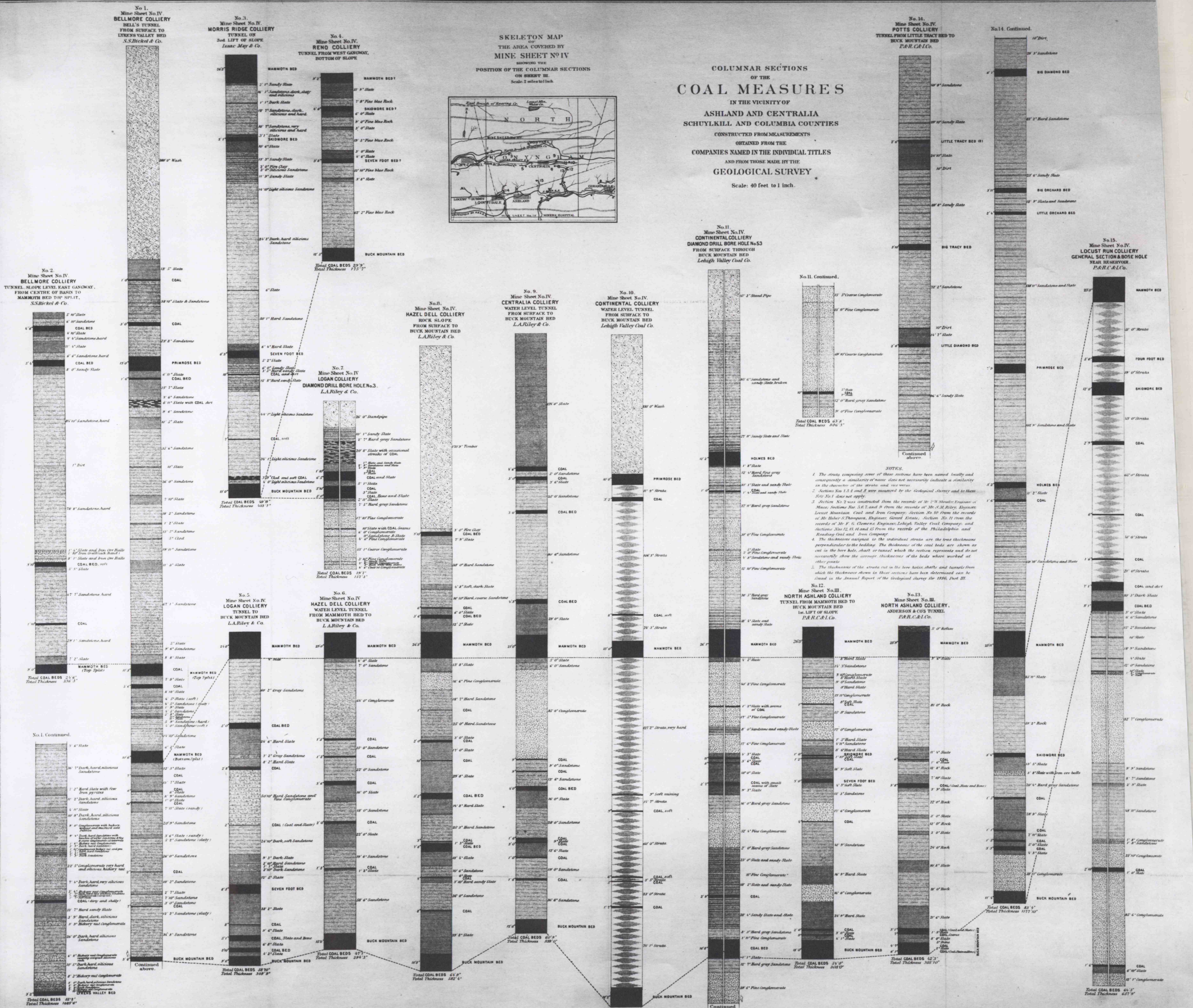


COLUMNAR SECTIONS OF THE COAL MEASURES

IN THE VICINITY OF ASHLAND AND CENTRALIA SCHUYLKILL AND COLUMBIA COUNTIES

CONSTRUCTED FROM MEASUREMENTS OBTAINED FROM THE COMPANIES NAMED IN THE INDIVIDUAL TITLES AND FROM THOSE MADE BY THE GEOLOGICAL SURVEY

Scale: 40 feet to 1 inch.



NOTES. 1. The strata comprising some of these sections have been named locally and consequently a similarity of name does not necessarily indicate a similarity in the character of the strata and vice versa. 2. Sections Nos. 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, and 15 were measured by the Geological Survey and to them No. 1 does not apply. 3. Section No. 2 was constructed from the records of Mr. W. S. Thompson, Engineer, Lehigh Valley Coal and Iron Company, Section No. 10 from the records of Mr. F. G. Thomas, Engineer, Lehigh Valley Coal Company, and Section No. 12, 13, 14 and 15 from the records of the Philadelphia and Reading Coal and Iron Company. 4. The thicknesses assigned to the individual strata are the true thicknesses perpendicular to the bedding. The thicknesses of the coal beds are shown as cut in the bore hole, shaft or tunnel which the section represents and do not necessarily show the average thickness of the beds where worked at other points. 5. The thicknesses of the strata cut in the bore holes, shafts and tunnels from which the thicknesses shown in these sections have been determined can be found in the Annual Report of the Geological Survey for 1886, Part III.