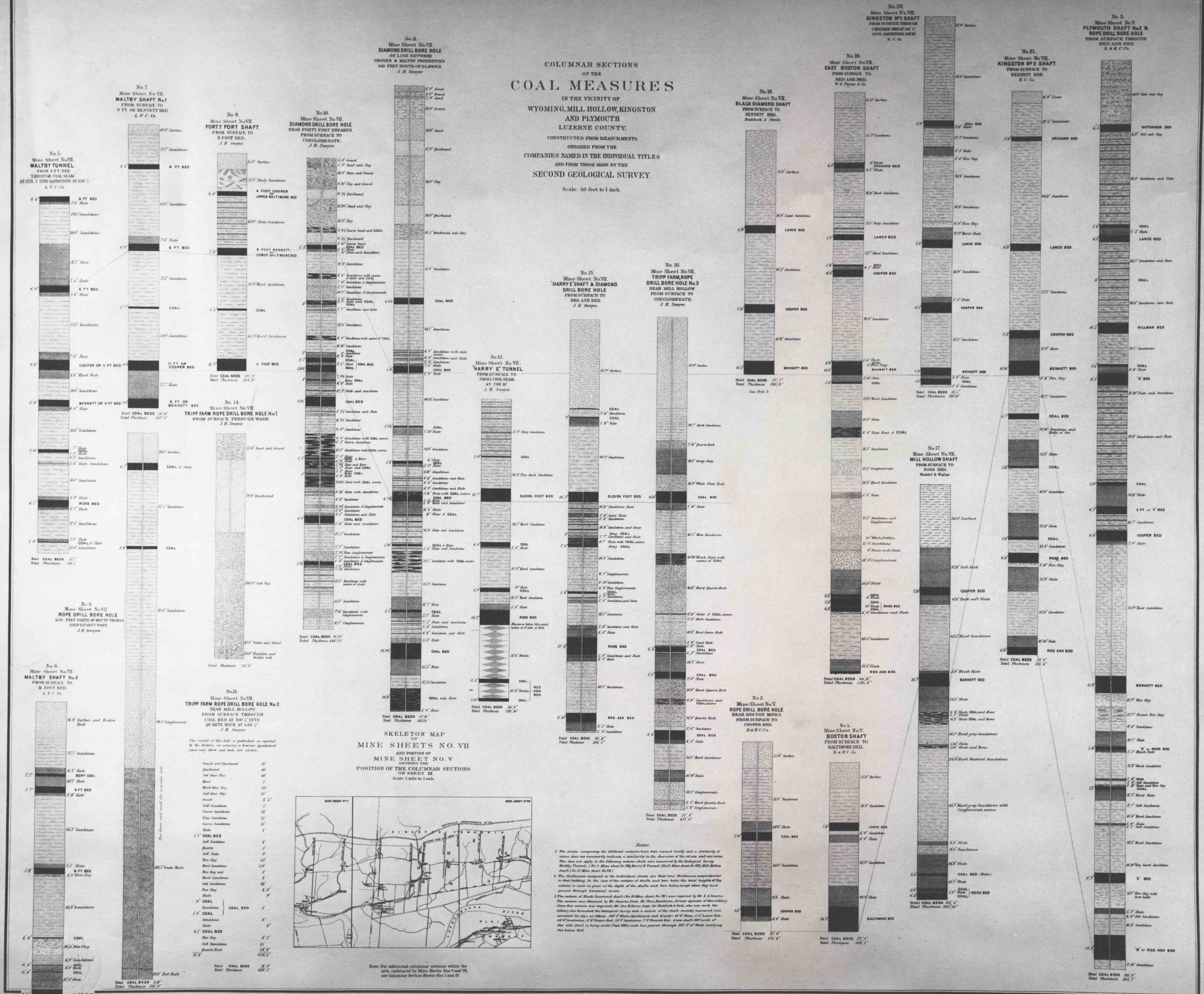


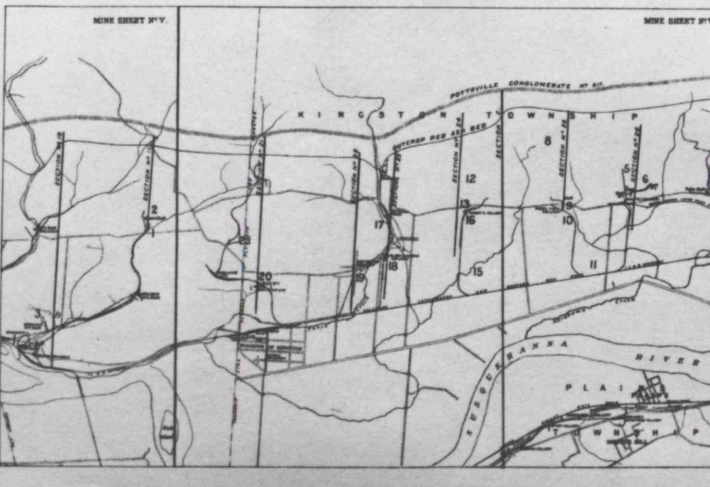
COLUMNAR SECTIONS
OF THE
COAL MEASURES

IN THE VICINITY OF
WYOMING, MILL HOLLOW, KINGSTON
AND PLYMOUTH, LUZERNE COUNTY,
CONSTRUCTED FROM MEASUREMENTS
OBTAINED FROM THE
COMPANIES NAMED IN THE INDIVIDUAL TITLES
AND FROM THOSE MADE BY THE
SECOND GEOLOGICAL SURVEY.

Scale: 40 feet to 1 inch.



SKELETON MAP
MINE SHEETS NO. VII
AND PORTION OF
MINE SHEET NO. V
SHOWING THE
POSITION OF THE COLUMNAR SECTIONS
ON SHEET No. 11.
Scale: 1 mile to 1 inch.



Notes:
1. The strata comprising the different sections have been named locally and a similarity of name does not necessarily indicate a similarity in the character of the strata and vice versa. This does not apply to the following sections which were measured by the Geological Survey: Maltby Tunnel, No. 3 Mine shaft No. 10, Harry E. Tunnel, No. 12 Mine shaft No. 10, Mill Hollow Shaft, No. 13 Mine shaft No. 10.
2. The thicknesses assigned to the individual strata are their true thicknesses perpendicular to their bedding. In the case of shafts and bore holes the total heights of the sections in some cases are greater than the depth of the shafts and bore holes, except where they have passed through horizontal strata.
3. The section of Black Diamond shaft (No. 18 Mine shaft No. 10) was reported by No. 4 Survey. The section was obtained by Mr. James H. Black, Jr., Chief Geologist, former operator of the shaft. This section was measured by Mr. J. H. Swager, who was with the Geological Survey when the shaft was recently measured and reported for the Survey. It is of Black Diamond and covered 10' of slate, 4' of limestone, 10' of sandstone, 6' of copper bed, 10' of Bennett bed, 10' of coal, 6' of copper bed, 10' of sandstone, 1' of Bennett bed. A new shaft 100' north of the old shaft is being sunk (Sept. 1904) and will pass through 100' of both covering the LANCE bed.

Note: For additional columnar sections within the area embraced by Mine Sheets No. V and VII, see Columnar Section Sheets No. 1 and IV.