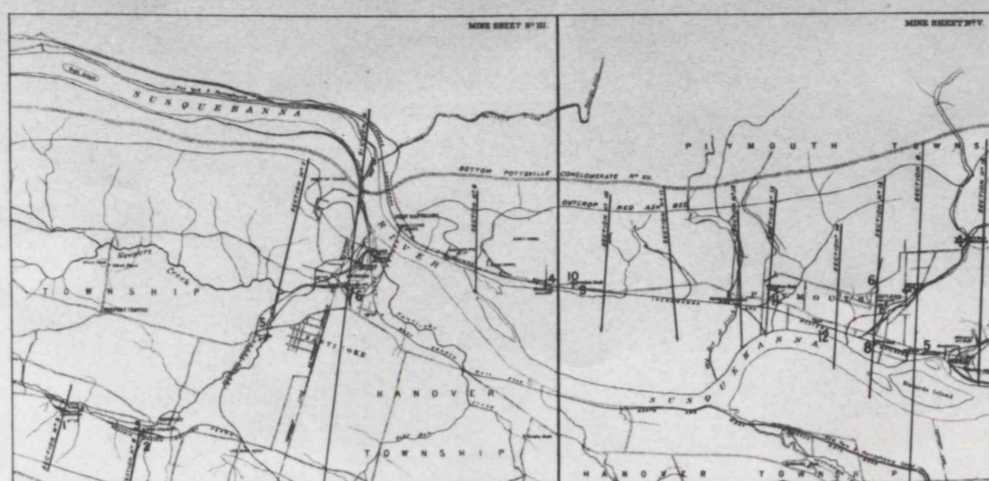


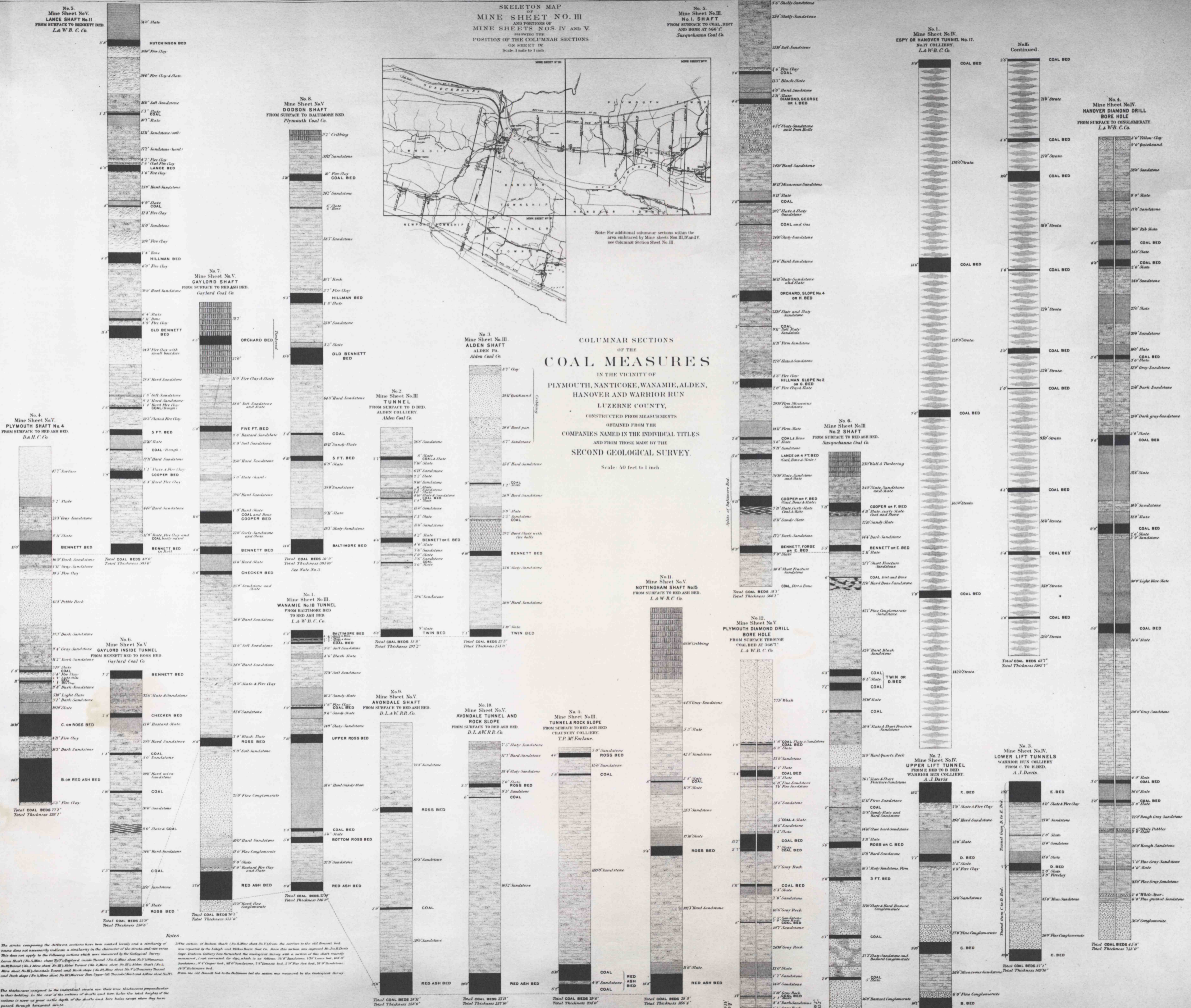
WYOMING BASIN, LUZERNE COUNTY.

SKELETON MAP OF MINE SHEET NO. III AND PORTIONS OF MINE SHEETS NOS. IV AND V. SHOWING THE POSITION OF THE COLUMNAR SECTIONS ON SHEET IV. Scale: 1 mile to 1 inch.



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

COLUMNAR SECTIONS OF THE COAL MEASURES IN THE VICINITY OF PLYMOUTH, NANTICOKE, WANAMIE, ALDEN, HANOVER AND WARRIOR RUN 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.



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: LANCE SHAFT (No. 1), Mine Sheet No. III; HILLMAN SHAFT (No. 2), Mine Sheet No. III; OLD BENNETT SHAFT (No. 3), Mine Sheet No. III; ALDEN SHAFT (No. 4), Mine Sheet No. III; WARRIOR RUN SHAFT (No. 5), Mine Sheet No. III; HANOVER SHAFT (No. 6), Mine Sheet No. III; PLYMOUTH SHAFT (No. 7), Mine Sheet No. III; NANTICOKE SHAFT (No. 8), Mine Sheet No. III; WANAMIE SHAFT (No. 9), Mine Sheet No. III; AVONDALE SHAFT (No. 10), Mine Sheet No. III; TWIN SHAFT (No. 11), Mine Sheet No. III; PLYMOUTH DIAMOND DRILL BORE HOLE (No. 12), Mine Sheet No. III.

2. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.

3. The section of Bennett Shaft (No. 3), Mine Sheet No. III, from the surface to the old Bennett bed was reported by the Lehigh and Wilkes-Barre Coal Co. Since this section was reported by the Geological Survey, the latter has re-measured the section with a view to its being made more accurate. It was found that the thickness of the Bennett bed was 10' 0" and that the thickness of the Ross bed was 10' 0". The thickness of the Ross bed was also measured by the Geological Survey from the old Bennett bed to the Bennett bed. The section was measured by the Geological Survey from the old Bennett bed to the Bennett bed.

4. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.

5. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.

6. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.

7. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.

8. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.

9. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.

10. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.

11. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.

12. The thicknesses mentioned in the individual sections are their true thicknesses independent of their bedding. In the case of the sections of shafts and bore holes the total height of the column is given as well as the depth of the shaft and bore holes where they have passed through horizontal strata.