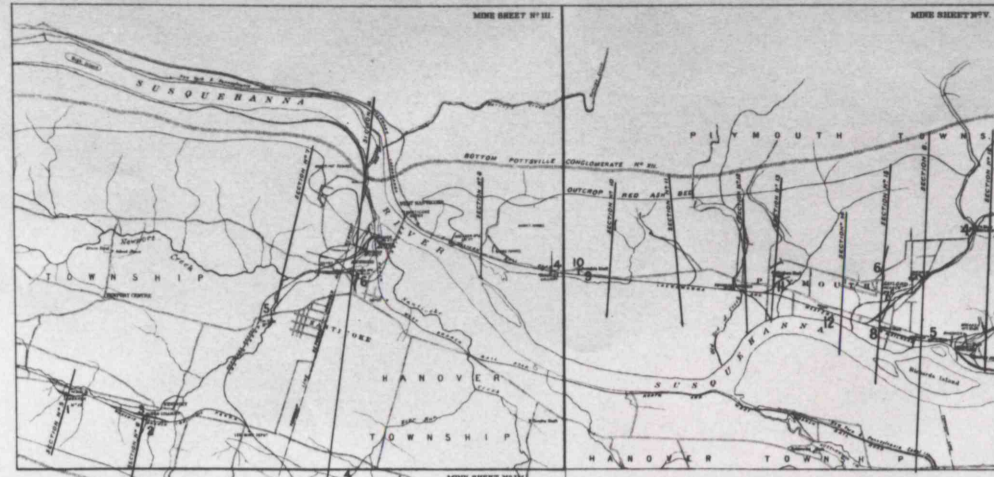


WYOMING BASIN, LUZERNE COUNTY.

NORTHERN COAL FIELD COLUMNAR SECTION SHEET No. IV.

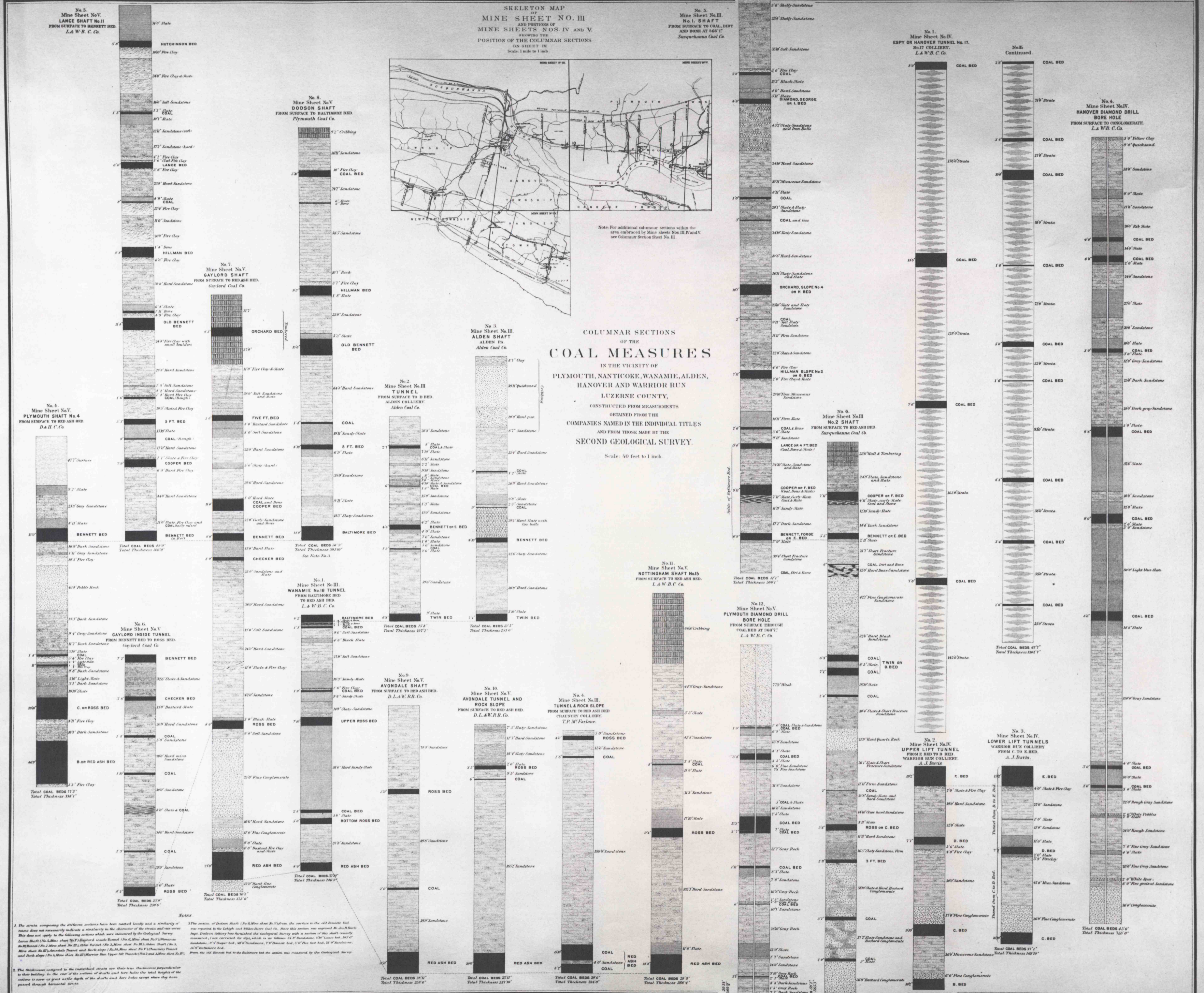
SKELETON MAP OF MINE SHEET No. III AND PORTIONS OF MINE SHEETS NOS IV AND V.



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, NANTICORE, 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: 50 feet to 1 inch.



NOTES

1. The strata composing the different sections have been marked 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), ALDEN SHAFT (No. 2), HANOVER SHAFT (No. 3), WARRIOR RUN SHAFT (No. 4), BUCK MOUNTAIN SHAFT (No. 5), and HANOVER SHAFT (No. 6). The thicknesses assigned to the individual strata are their true thicknesses perpendicular to 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.

2. The thickness assigned to the individual strata are their true thicknesses perpendicular to 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 sections of Oodson Shaft (No. 1), Alden Shaft (No. 2), Hanover Shaft (No. 3), Warrior Run Shaft (No. 4), Buck Mountain Shaft (No. 5), and Hanover Shaft (No. 6) were measured by the Geological Survey. From the old Bennett bed to the Baltimore bed the sections were measured by the Geological Survey.