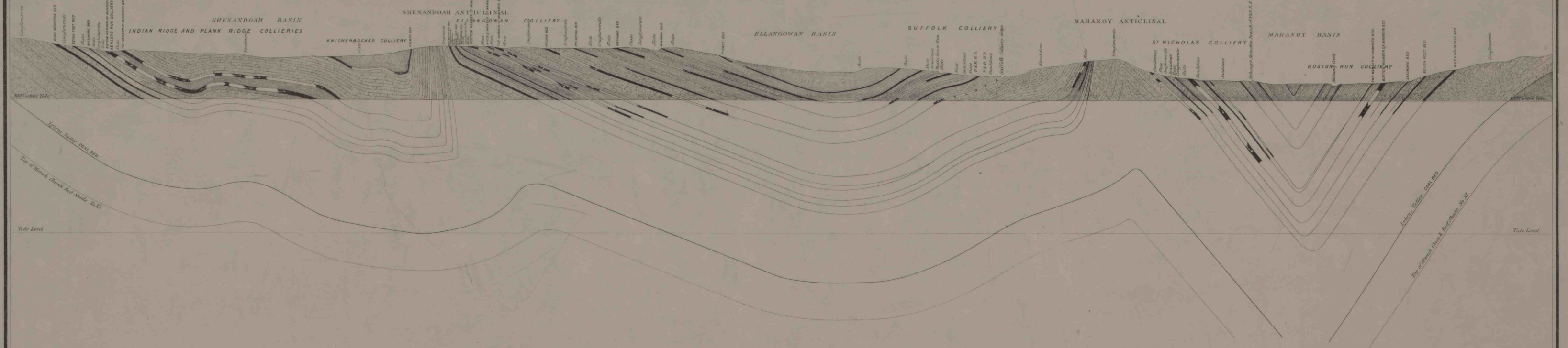
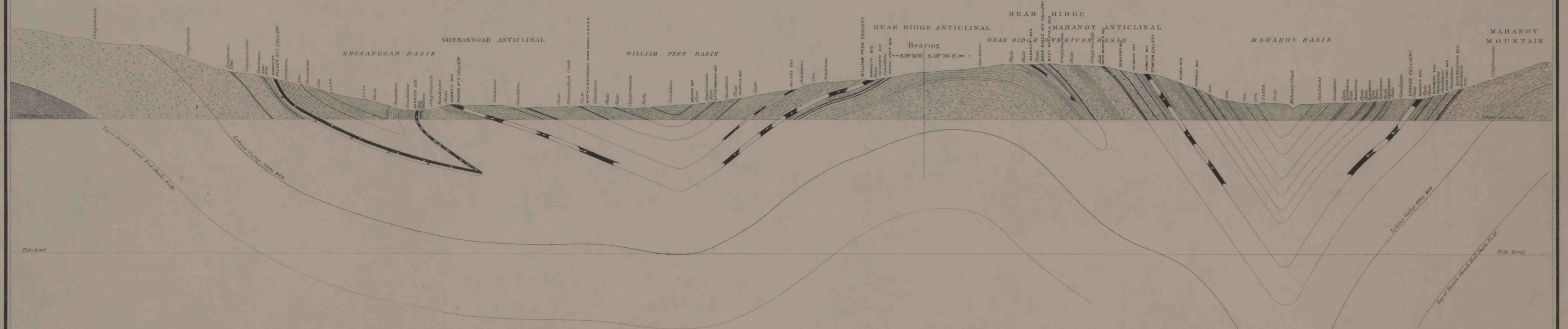


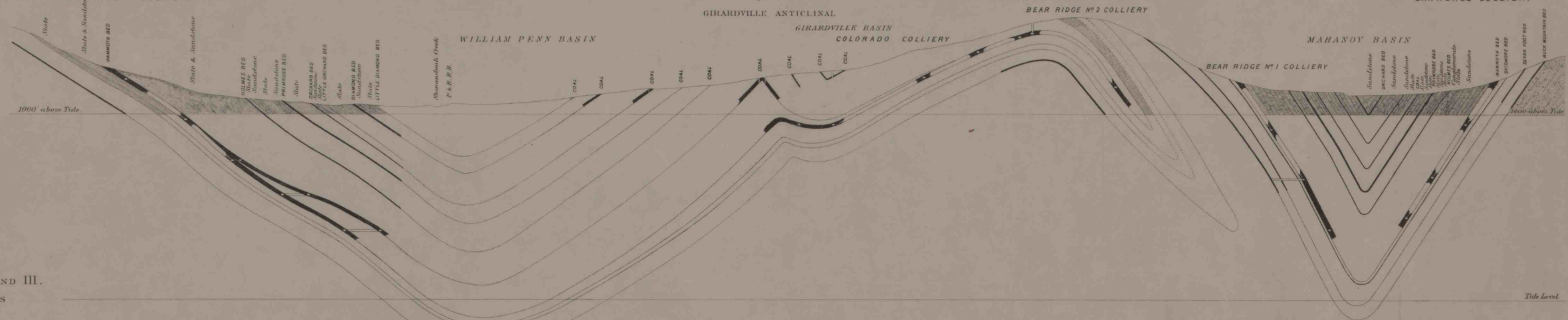
SECTION No. 4. THROUGH THE MINE WORKINGS OF INDIAN RIDGE, PLANK RIDGE, KNICKERBOCKER, SHENANDOAH CITY, COAL RUN (SUFFOLK), ST. NICHOLAS AND BOSTON RUN COLLIERIES.  
Constructed from the Surveys of the Philadelphia and Reading Coal and Iron Company and the Second Geological Survey.  
Bearing S. 9° 50' E. --



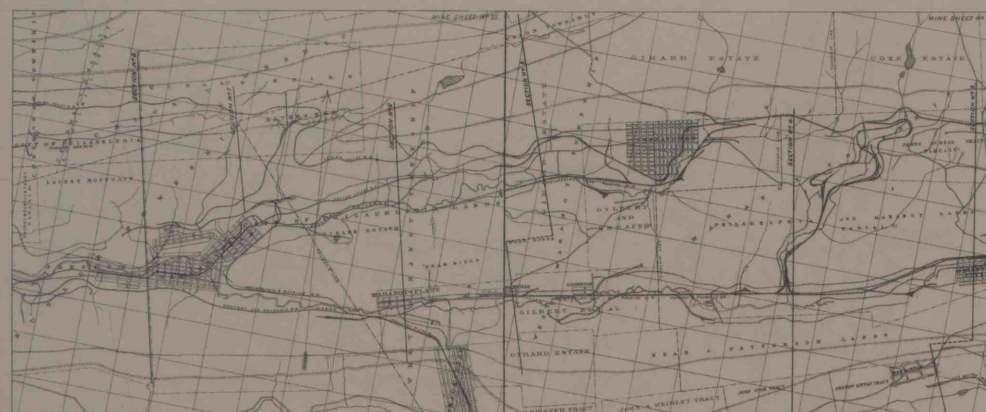
SECTION No. 5. THROUGH THE MINE WORKINGS OF LEHIGH No. 3, PACKER No. 4, WILLIAM PENN, BEAR RIDGE No. 2, STANTON AND DRAPER COLLIERIES.  
Constructed from the Surveys of Heber S. Thompson, Engineer of Girard Estate, P. W. and W. S. Sheaffer, Engineers of Mines and Second Geological Survey.  
Bearing S. 19° 30' E. --



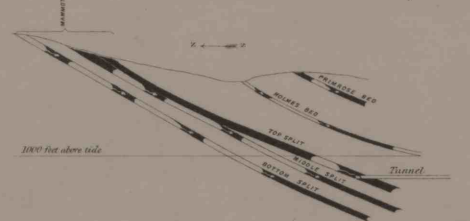
SECTION No. 6. THROUGH THE MINE WORKINGS OF PACKER No. 2, (SHENANDOAH), COLORADO, BEAR RIDGE No. 1 AND 2 AND LAWRENCE COLLIERIES.  
Constructed from the Surveys of the Lehigh Valley Coal Company, Heber S. Thompson, Engineer of Girard Estate and P. W. and W. S. Sheaffer, Engineers of Mines.  
Bearing S. 13° 45' W. --



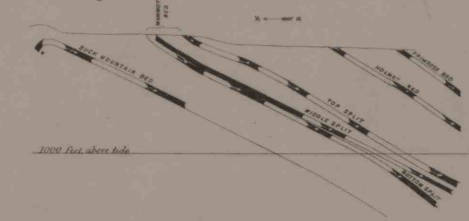
SKELETON MAP  
OF  
MINE SHEETS NOS. II AND III.  
SHOWING THE  
POSITION OF THE CROSS SECTIONS  
ON SHEET II  
Scale: 1 mile to 1 inch.



SECTION No. 3A. 350 FEET WEST OF ELLANGOWAN SHAFT.  
Constructed from the Surveys of the Philadelphia and Reading Coal and Iron Company.



SECTION No. 4A. 1900 FEET WEST OF ELLANGOWAN SHAFT.  
Constructed from the Surveys of the Philadelphia and Reading Coal and Iron Company.



- Notes.
1. The character of the strata has only been determined in those localities where the sections have been checked for more definite information respecting the thickness and character of the coal beds and of the strata between them, reference must be made to the Geologic Section sheets.
  2. The positions of the coal beds are only known, with any certainty where they are indicated by a heavy line or by two light lines. In the latter case the coal has generally been worked out of the bed, where the section plane intersects it. Where the coal beds are represented by a single light line their positions are only approximately known.
  3. The sections on this sheet have been constructed from the surface and underground surveys of the mining engineers and operating companies named in the title of the individual sections and from those made by the Geological Survey.
  4. The profiles of the sections were not taken from the topographical sheets.