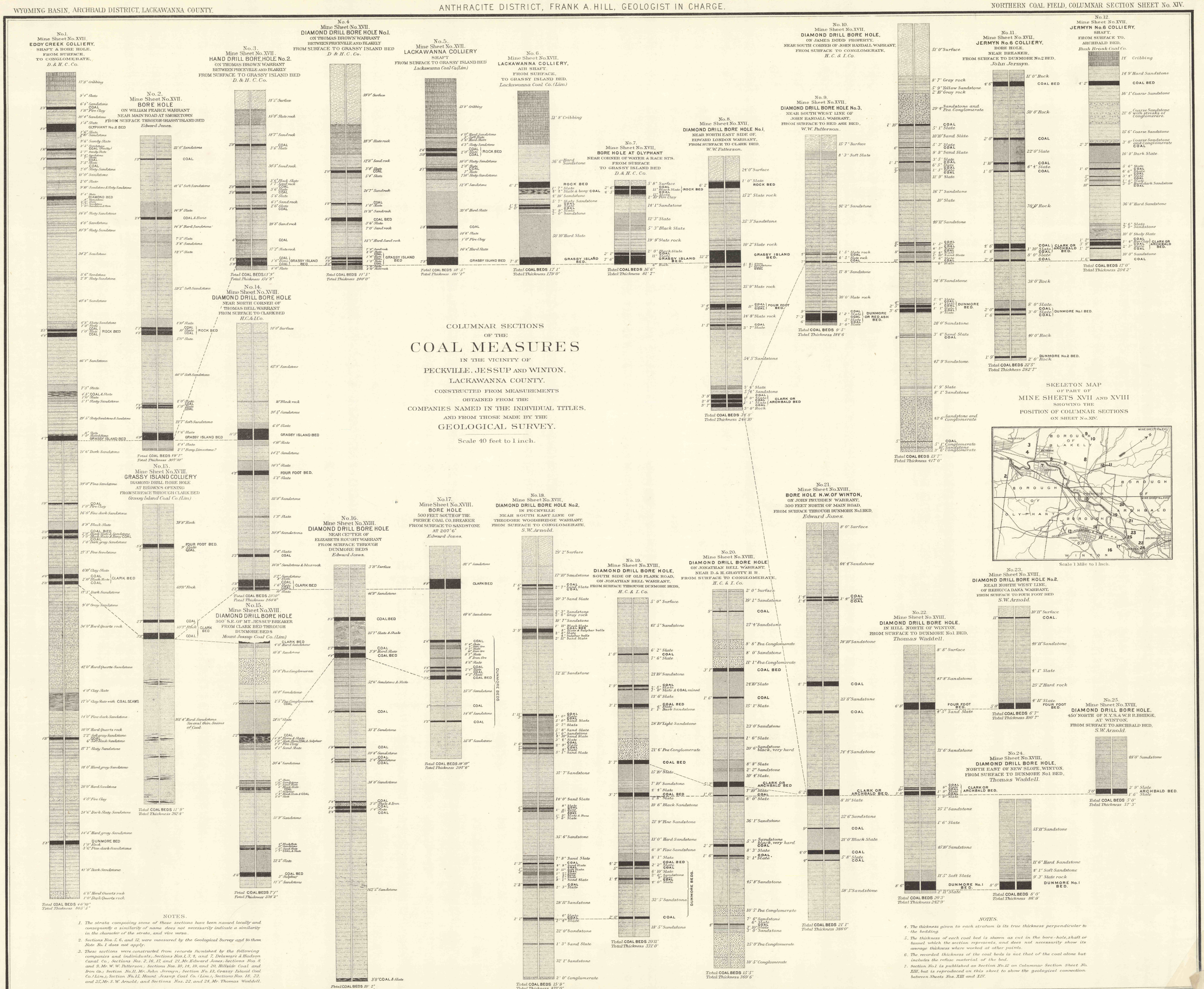
No.1. Mine Sheet No.XVII. EDDY CREEK COLLIERY, SHAFT & BORE HOLE, FROM SURFACE, TO CONGLOMERATE, D. & H. C. Co.
No.2. Mine Sheet No.XVII. BORE HOLE ON WILLIAM PEARCE WARRANT NEAR MAIN ROAD AT SMOKETOWN FROM SURFACE THROUGH GRASSY ISLAND BED Edward Jones.
No.3. Mine Sheet No.XVII. HAND DRILL BORE HOLE No.2. ON THOMAS BROWN WARRANT BETWEEN PRICEVILLE AND BLAKELY FROM SURFACE TO GRASSY ISLAND BED D. & H. C. Co.
No.4. Mine Sheet No.XVII. DIAMOND DRILL BORE HOLE No.1. ON THOMAS BROWN WARRANT BETWEEN PRICEVILLE AND BLAKELY FROM SURFACE TO GRASSY ISLAND BED D. & H. C. Co.
No.5. Mine Sheet No.XVII. LACKAWANNA COLLIERY SHAFT FROM SURFACE TO GRASSY ISLAND BED Lackawanna Coal Co.(Lim.)
No.6. Mine Sheet No.XVII. LACKAWANNA COLLIERY, AIR SHAFT, FROM SURFACE, TO GRASSY ISLAND BED, Lackawanna Coal Co.(Lim.)
No.7. Mine Sheet No.XVII. BORE HOLE AT OLYPHANT NEAR CORNER OF WATER & RACE STS. FROM SURFACE TO GRASSY ISLAND BED D. & H. C. Co.
No.8. Mine Sheet No.XVII. DIAMOND DRILL BORE HOLE No.1. NEAR NORTH EAST SIDE OF, EDWARD LONDON WARRANT, FROM SURFACE TO CLARK BED, W.W. Patterson.
No.9. Mine Sheet No.XVII. DIAMOND DRILL BORE HOLE No.3. NEAR SOUTH WEST LINE OF JOHN RANDALL WARRANT, FROM SURFACE TO RED ASH BED, W.W. Patterson.
No.10. Mine Sheet No.XVII. DIAMOND DRILL BORE HOLE, ON JAMES DODD PROPERTY, NEAR SOUTH CORNER OF JOHN RANDALL WARRANT, FROM SURFACE TO CONGLOMERATE, H. C. & I. Co.
No.11. Mine Sheet No.XVII. JERMYN No.6 COLLIERY, BORE HOLE, NEAR BREAKER, FROM SURFACE TO DUNMORE No.2 BED, John Jermyn.
No.12. Mine Sheet No.XVII. JERMYN No.6 COLLIERY, SHAFT, FROM SURFACE TO, ARCHBALD BED, Rush Brook Coal Co.
No.14. Mine Sheet No.XVIII. DIAMOND DRILL BORE HOLE NEAR NORTH CORNER OF THOMAS BELL WARRANT FROM SURFACE TO CLARK BED H.C.&I.Co.
No.15. Mine Sheet No.XVIII. GRASSY ISLAND COLLIERY DIAMOND DRILL BORE HOLE AT BROWN'S OPENING FROM SURFACE THROUGH CLARK BED Grassy Island Coal Co.(Lim.)
No.15. Mine Sheet No.XVIII. DIAMOND DRILL BORE HOLE 300' S.E. OF MT. JESSUP BREAKER FROM CLARK BED THROUGH DUNMORE BEDS Mount Jessup Coal Co.(Lim.)
No.16. Mine Sheet No.XVIII. DIAMOND DRILL BORE HOLE NEAR CENTER OF ELIZABETH ROUGHT WARRANT FROM SURFACE THROUGH DUNMORE BEDS Edward Jones.
No.17. Mine Sheet No.XVIII. BORE HOLE 500 FEET SOUTH OF THE PIERCE COAL CO. BREAKER FROM SURFACE TO SANDSTONE AT 207'6" Edward Jones.
No.18. Mine Sheet No.XVII. DIAMOND DRILL BORE HOLE No.2, IN PECKVILLE NEAR SOUTH EAST LINE OF THEODORE WOODBRIDGE WARRANT, FROM SURFACE TO CONGLOMERATE, S.W.Arnold.
No.19. Mine Sheet No.XVIII. DIAMOND DRILL BORE HOLE, SOUTH SIDE OF OLD PLANK ROAD, ON JONATHAN BELL WARRANT, FROM SURFACE THROUGH DUNMORE BEDS, H. C. & I. Co.
No.20. Mine Sheet No.XVIII. DIAMOND DRILL BORE HOLE, ON JONATHAN BELL WARRANT, NEAR D. & H. GRAVITY R. R. FROM SURFACE TO CONGLOMERATE, H. C. & I. Co.
No.21. Mine Sheet No.XVIII. BORE HOLE N.W. OF WINTON, ON JOHN PRUDDEN WARRANT, 300 FEET NORTH OF MAIN ROAD, FROM SURFACE THROUGH DUNMORE No.1 BED, Edward Jones.
No.22. Mine Sheet No.XVIII. DIAMOND DRILL BORE HOLE, IN HILL NORTH OF WINTON, FROM SURFACE TO DUNMORE No.1 BED, Thomas Waddell.
No.23. Mine Sheet No.XVIII. DIAMOND DRILL BORE HOLE No.2, NEAR NORTH WEST LINE, OF REBECCA DANA WARRANT, FROM SURFACE TO FOUR FOOT BED S.W.Arnold.
No.24. Mine Sheet No.XVIII. DIAMOND DRILL BORE HOLE, NORTH EAST OF NEW SLOPE, WINTON, FROM SURFACE TO DUNMORE No.1 BED, Thomas Waddell.
No.25. Mine Sheet No.XVIII. DIAMOND DRILL BORE HOLE, 450' NORTH OF N.Y.S.&W.R.R. BRIDGE, AT WINTON, FROM SURFACE TO ARCHBALD BED, S.W.Arnold.
COLUMNAR SECTIONS OF THE COAL MEASURES IN THE VICINITY OF PECKVILLE, JESSUP AND WINTON, LACKAWANNA COUNTY. 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.
SKELETON MAP OF PART OF MINE SHEETS XVII AND XVIII SHOWING THE POSITION OF COLUMNAR SECTIONS ON SHEET No.XIV.
Scale 1 Mile to 1 Inch.
NOTES.
1. The strata composing 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. 5, 6, and 12, were measured by the Geological Survey and to them Note No. 1 does not apply.
3. These sections were constructed from records furnished by the following companies and individuals; Sections Nos. 1, 3, 4, and 7, Delaware & Hudson Canal Co.; Sections Nos. 2, 16, 17, and 21, Mr. Edward Jones; Sections Nos. 8 and 9, Mr. W. W. Patterson; Sections Nos. 10, 14, 19, and 20, Hillside Coal and Iron Co.; Section No. 11, Mr. John Jermyn; Section No. 13, Grassy Island Coal Co.(Lim.); Section No. 15, Mount Jessup Coal Co.(Lim.); Sections Nos. 18, 23, and 25, Mr. S. W. Arnold; and Sections Nos. 22, and 24, Mr. Thomas Waddell.
NOTES.
4. The thickness given to each stratum is its true thickness perpendicular to the bedding.
5. The thickness of each coal bed is shown as cut in the bore-hole, shaft or tunnel which the section represents, and does not necessarily show its average thickness where worked at other points.
6. The recorded thickness of the coal beds is not that of the coal alone but includes the refuse material of the bed.
7. Section No.1 is published as Section No.12 on Columnar Section Sheet No. XIII, but is reproduced on this sheet to show the geological connection between Sheets Nos. XIII and XIV.
Scale of Coal Measure Sections, 40 Feet to 1 Inch.
FEET 40 30 20 10 0 40 80 120 160 200
10 5 0 10 20 30 40 50 60 METERS.