AA-(51)

SECOND GEOLOGICAL SURVEY OF PENNSYLVANIA. J.P. LESLEY, STATE GEOLOGIST

ANTHRACITE DISTRICT. CHAS. A. ASHBURNER GEOLOGIST IN CHARGE

WYOMING BASIN, LUZERNE COUNTY.

NORTHERN COAL FIELD COLUMNAR SECTION SHEET № II.

COLUMNAR SECTIONS OF THE COAL MEASURES IN THE VICINITY OF WILKES BARRE, ASHLEY AND SUGAR NOTCH LUZERNE COUNTY

CONSTRUCTED FROM MEASURMENTS OBTAINED FROM THE COMPANIES NAMED IN THE INDIVIDUAL TITLES AND FROM THOSE MADE BY THE SECOND GEOLOGICAL SURVEY.

Scale: 40 feet to 1 inch.

No 18. Mine Sheet No VIII. **DORRANCE SHAFT** NEAR WILKES BARRE. FROM SURFACE TO HILLMAN BED. *L.V.C. Co.*

No 19. Mine Sheet № VIII. **EMPIRE SHAFT № 4** FROM SURFACE TO HILLMAN BED *L & W.B.C. Co.*

No. 21 Mine Sheet No VIII. **KIDDER DIAMOND DRILL BORE HOLE** FROM SURFACE TO BALTIMORE BED *L.& W. B.C.Co.*

No. 22. Mine Sheet No VIII. **EMPIRE SHAFT № 4.** INSIDE TUNNEL FROM HILLMAN BED TO RED ASH BED *L.& W.B.C. Co.*

No. 23. Mine Sheet No VIII **GRANT STREET ROPE DRILL BORE HOLE** FROM SURFACE TO BALTIMORE BED *L.& W.B.C.Co.*

No. 3. Mine Sheet No. VI. **STANTON (№7) SHAFT** FROM SURFACE THROUGH COAL BED AT 697.1' TO HARD ROCK 732' 6" *L. & W.B. C.Co.*

No. 4. Mine Sheet No. VI. **STANTON SHAFT ROPE DRILL BORE HOLE** FROM SURFACE THROUGH THE BALTIMORE BED TO SANDSTONE AT 690.0' *L.& W.B.C.Co.*

No. 5. Mine Sheet No. VI. **STANTON AIR SHAFT** FROM SURFACE TO BALTIMORE BED *L.& W. B.C.Co.*

No. 6. Mine Sheet No. VI. **SOUTH WILKES BARRE SHAFT** FROM SURFACE TO HILLMAN BED. *L.& W. B.C.Co.*

No. 8. Mine Sheet No. VI. **FRANKLIN UPPER TUNNEL** FROM BALTIMORE BED TO RED ASH BED. *Franklin Coal Co.*

No. 9. Mine Sheet No. VI. **FRANKLIN LOWER TUNNEL** FROM SLATE AND SANDSTONE (COMPOSED) NEXT BELOW THE BALTIMORE BED. TO RED ASH BED. *Franklin Coal Co.*

No. 12. Mine Sheet No. VI. **SUGAR NOTCH SHAFT No 9.** FROM SURFACE TO COAL BED AT 299'3" *L.& W.B.C. Co.*

No. 14. Mine Sheet No. VI. **LONG TUNNEL** № 10 SLOPE SUGAR NOTCH. *L.& W.B.C.Co.*

No. 1. Mine Sheet No. VI. **INSIDE TUNNEL** FROM BALTIMORE BED TO RED ASH BED ASHLEY No. 6. COLLIERY. *L. & W.B.C. Co.*

No. 20. Mine Sheet No. VIII. **HILLMAN VEIN SHAFT** NEAR WILKES BARRE FROM SURFACE TO HILLMAN BED *Hillman Vein Coal Co.*

No. 2. Mine Sheet No. VI. **EMPIRE SHAFT No.2** FROM SURFACE TO RED ASH BED *L. & W.B.C.Co.*

No. 7. Mine Sheet No. VI. **№ 3 INSIDE TUNNEL** № 9 SHAFT, SUGAR NOTCH. *L.& W.B.C.Co.*

No. 10. Mine Sheet No. VI. **JERSEY TUNNEL** SUGAR NOTCH COLLIERY № 9. FROM SURFACE TO ROSS BED. *L.& W.B.C.Co.*

No. 11. Mine Sheet No. VI. **MOUNTAIN TUNNEL** FROM SURFACE TO RED ASH BED. *Franklin Coal Co.*

No. 13. Mine Sheet No. VI. **SHAFT LEVEL TUNNEL** FROM SHAFT BED TO RED ASH BED № 9 SHAFT SUGAR NOTCH. *L.& W.B.C. Co.*

No. 15. Mine Sheet No. VI. **HANOVER COAL CO'S TUNNEL** SUGAR NOTCH FROM SURFACE TO RED ASH BED. *H.C. Co.*

Notes

1. The strata composing 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: Dorrance Shaft (No.18, Mine sheet No. VIII.) Hillman Vein Shaft (No. 20, Mine sheet No. VIII.) Empire № 4 Shaft Inside Tunnel (No. 22, Mine sheet No. VIII.) South Wilkes Barre Shaft (No. 6, Mine sheet No. VI.) Franklin Lower Tunnel (No. 9, Mine sheet No. VI.) Franklin Mountain Tunnel (No. 11, Mine sheet No. VI.) Sugar Notch Long Tunnel (No. 14, Mine sheet No. VI.) Sugar Notch Inside Tunnel (No. 1) of No. 7, Mine sheet No. VI.) Sugar Notch Jersey Tunnel (No. 10 Mine sheet No. VI.) Sugar Notch Shaft Level Tunnel (No. 13 Mine sheet No. VI.) Hanover Coal Co. Tunnel (No. 15 Mine sheet No. VI.).
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 sections is never as great as the depth of the shafts and bore holes, except where they have passed through horizontal strata.

ASSISTANT GEOLOGIST, FRANK A. HILL.

ASSISTANTS, H. E. PARRISH, to April, 1883; O. B. HARDEN, , Sept. ; T. J. WILLIAMS, June 1883 to April 1884

AID, A.D.W. SMITH.

JULIUS BIEN & CO. LITH.

Scale of Coal Measure Sections 40 Feet to 1 Inch.

FEET 50 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

METERS 15 10 5 0 5 10 15 20 25 30 35 40 45 50

Published by the Authority of the Commonwealth of Nature

SEPTEMBER 1884.

SKELETON MAP OF MINE SHEET NO.VI AND POSITION OF MINE SHEET NO. VIII SHOWING THE POSITION OF THE COLUMNAR SECTIONS ON SHEET II. Scale: 1 mile to 1 inch.

Note: For additional columnar sections within the area embraced by Mine Sheets VI and VIII see Columnar Section Sheet No. I.

LANE S. HART, STATE PRINTER

REFERENCE SURVEY MAPS AND SECTIONS

NORTHERN COAL FIELD | MINE SHEETS №s VI AND VIII. | CROSS SECTION SHEETS Nos. III &

DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF SURFACE MINING & CONSTRUCTION
ROOM 2 P. O. BOX 839
108 CLAUDE A. LORD BLVD.
POTTSVILLE, PENNSYLVANIA 17901