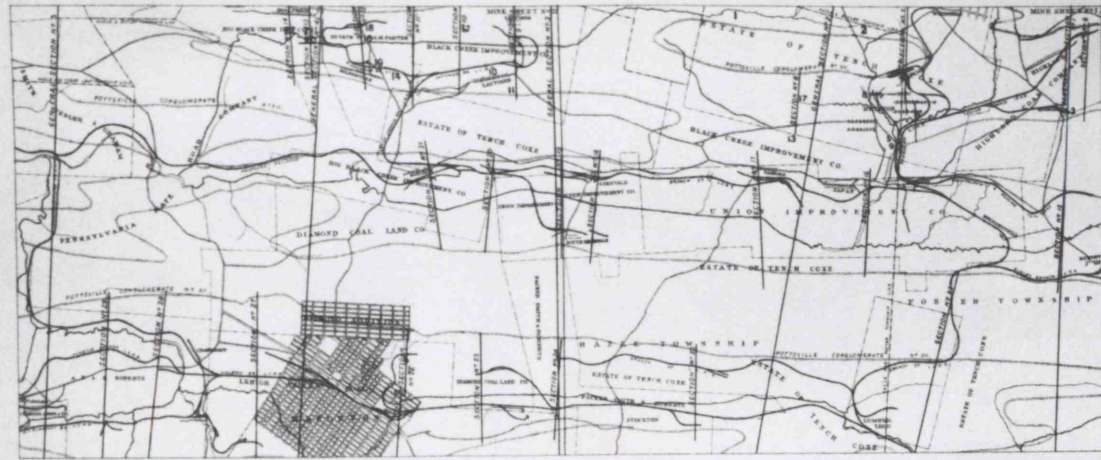


SKELETON MAP OF MINE SHEETS NOS. I AND II SHOWING THE POSITION OF THE COLUMNAR SECTIONS ON SHEET I Scale 1 mile to 1 inch



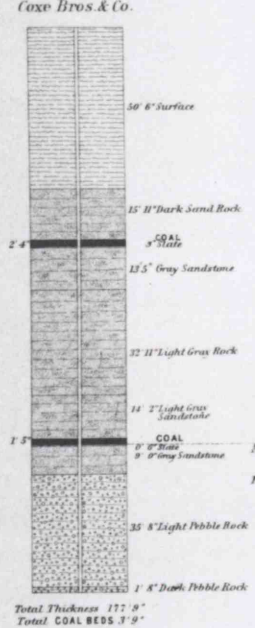
Note: For additional columnar sections within the area embraced by Mine sheets Nos. I and II, see columnar section sheets Nos. I and II.

COLUMNAR SECTIONS OF THE COAL MEASURES

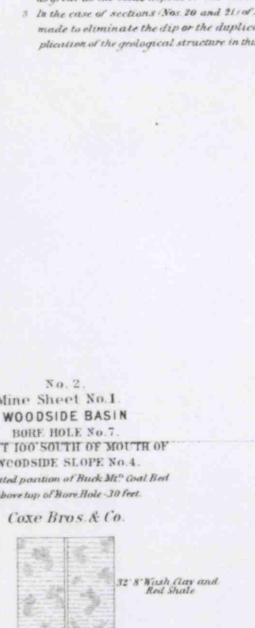
IN THE VICINITY OF WOODSIDE, HIGHLAND, DRIFTON, LATTIMER, MILNESVILLE AND HOLLYWOOD, LUZERNE COUNTY, CONSTRUCTED FROM MEASUREMENTS OBTAINED FROM THE COMPANIES NAMED IN THE INDIVIDUAL TITLES.

Scale of General Sections: 40 feet to 1 inch. Scale of Coal Bed Sections: 10 feet to 1 inch.

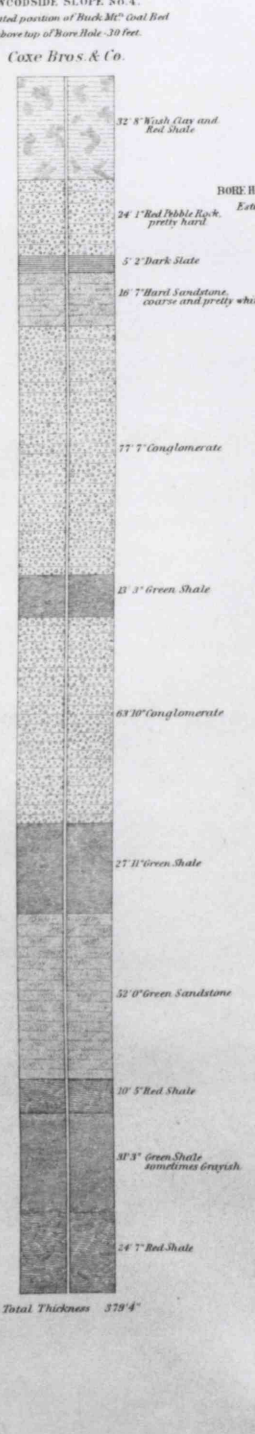
No. 1. Mine Sheet No. I, WOODSIDE BASIN, BORE HOLE No. 8, ABOUT 3800 WEST OF SLOPE No. 7.



No. 2. Mine Sheet No. I, WOODSIDE BASIN, BORE HOLE No. 7, ABOUT 100 SOUTH OF MOUTH OF WOODSIDE SLOPE No. 4.



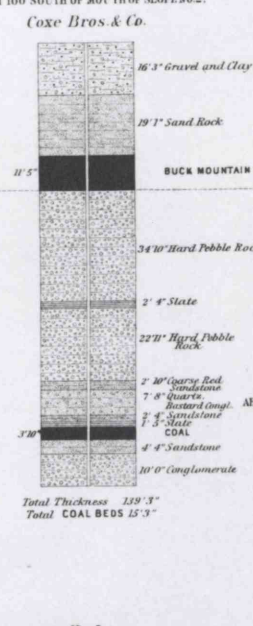
No. 3. Mine Sheet No. I, CROSS CREEK BASIN, HIGHLAND COLLIERY, BORE HOLE No. 2, ABOUT 200 SOUTH OF SLOPE No. 2.



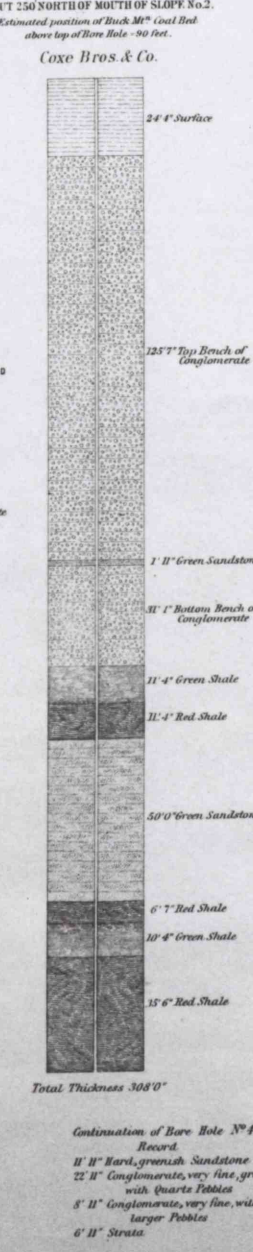
Notes

- 1. The strata comprising the different sections have been named locally but a similarity of name does not necessarily indicate a similarity in the character of the strata and vice versa.
2. The thicknesses assigned to the individual strata with few exceptions are their true thicknesses as given on the field notes. The total thickness of the sections of the same hole are given as given on the field notes.
3. In the case of sections Nos. 20 and 21 of the Cross Creek Basin and Little Black Creek Basin no attempt has been made to determine the dip or the dip-slip of the strata shown through these holes since the complete absence of the geological structure in this locality is proved and is not at present perfectly understood.

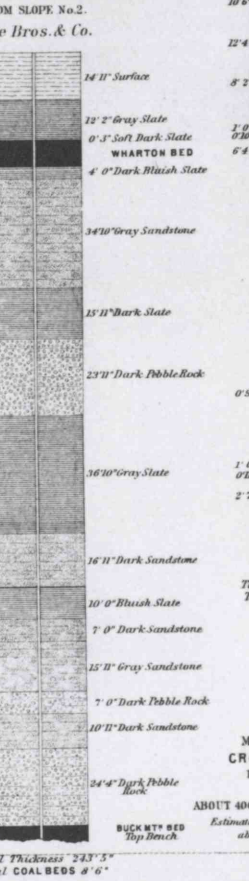
No. 4. Mine Sheet No. I, CROSS CREEK BASIN, DRIFTON COLLIERY, BORE HOLE No. 1, ABOUT 100 SOUTH OF MOUTH OF SLOPE No. 2.



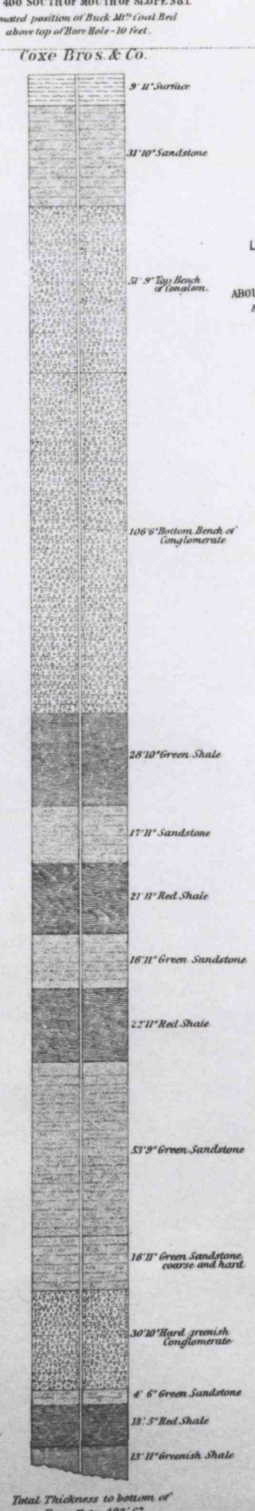
No. 5. Mine Sheet No. I, CROSS CREEK BASIN, DRIFTON COLLIERY, BORE HOLE No. 6, AT MOUTH OF SLOPE No. 1.



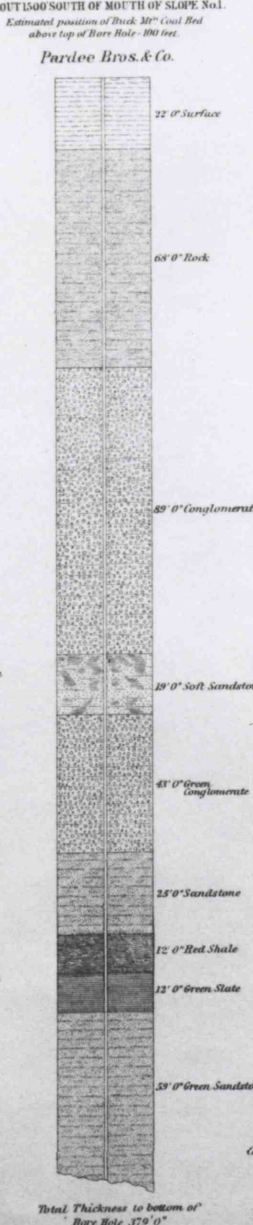
No. 6. Mine Sheet No. I, CROSS CREEK BASIN, DRIFTON COLLIERY, BORE HOLE No. 2, NEAR SOUTH END OF LINDEN TUNNEL, FROM SLOPE No. 2.



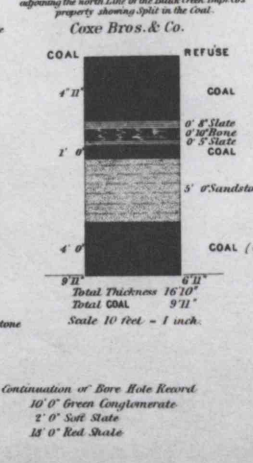
No. 7. Mine Sheet No. I, CROSS CREEK BASIN, DRIFTON COLLIERY, BORE HOLE No. 2, ABOUT 250 SOUTH OF MOUTH OF SLOPE No. 2.



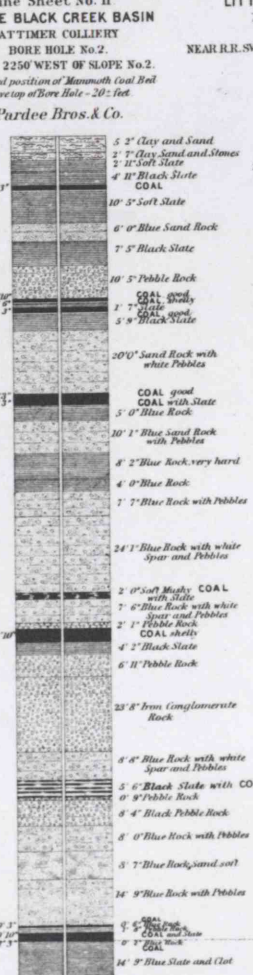
No. 8. Mine Sheet No. II, LITTLE BLACK CREEK BASIN, LATTIMER COLLIERY, BORE HOLE No. 1, ABOUT 1500 SOUTH OF MOUTH OF SLOPE No. 1.



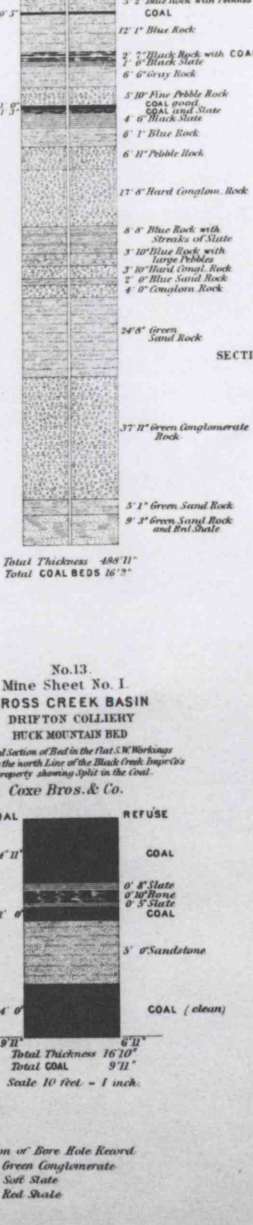
No. 9. Mine Sheet No. I, CROSS CREEK BASIN, DRIFTON COLLIERY, BORE HOLE No. 4, ABOUT 400 SOUTH OF MOUTH OF SLOPE No. 1.



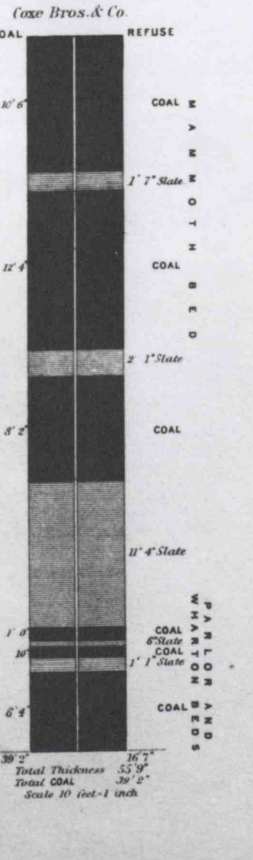
No. 10. Mine Sheet No. II, LITTLE BLACK CREEK BASIN, LATTIMER COLLIERY, BORE HOLE No. 1, ABOUT 1000 SOUTH WEST OF SLOPE No. 1.



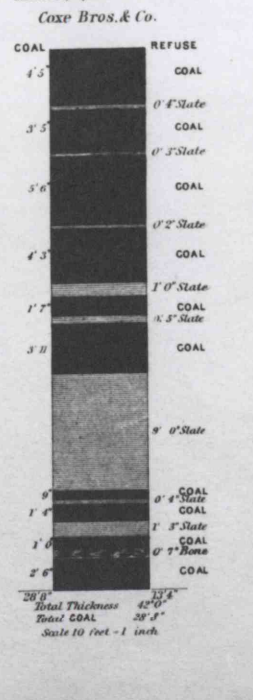
No. 11. Mine Sheet No. II, LITTLE BLACK CREEK BASIN, LATTIMER COLLIERY, BORE HOLE No. 2, ABOUT 1500 SOUTH OF MOUTH OF SLOPE No. 1.



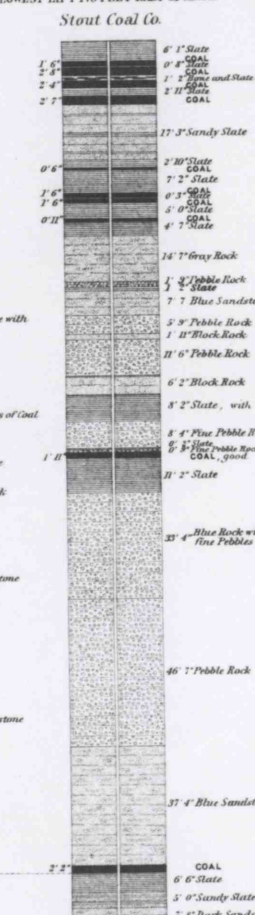
No. 12. Mine Sheet No. II, LITTLE BLACK CREEK BASIN, MILNESVILLE COLLIERY, BORE HOLE No. 2, NEAR R.R. SWITCH ABOUT 800 WEST OF SLOPE No. 6.



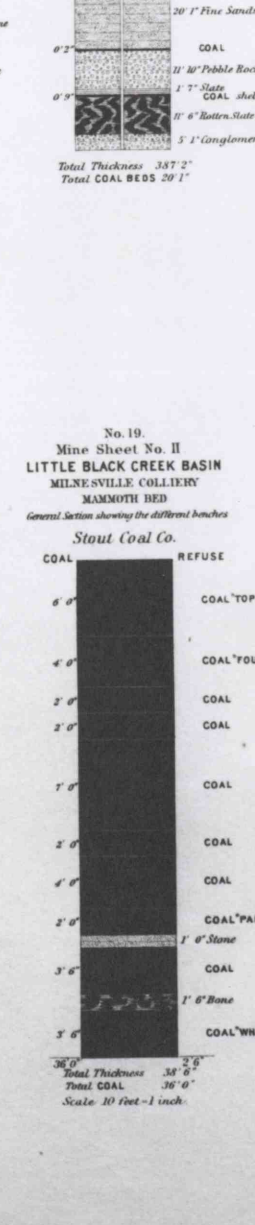
No. 13. Mine Sheet No. I, CROSS CREEK BASIN, DRIFTON COLLIERY, BORE HOLE No. 1, SECTION OF BEDS FROM D. BORE HOLE No. 10.



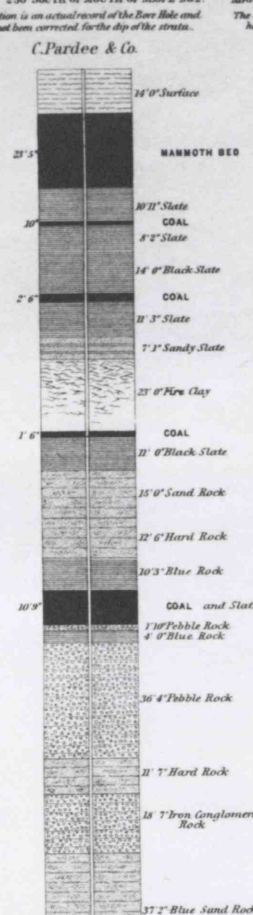
No. 14. Mine Sheet No. II, LITTLE BLACK CREEK BASIN, MILNESVILLE COLLIERY, BORE HOLE No. 3, NEAR R.R. SWITCH ABOUT 100 WEST OF SLOPE No. 6.



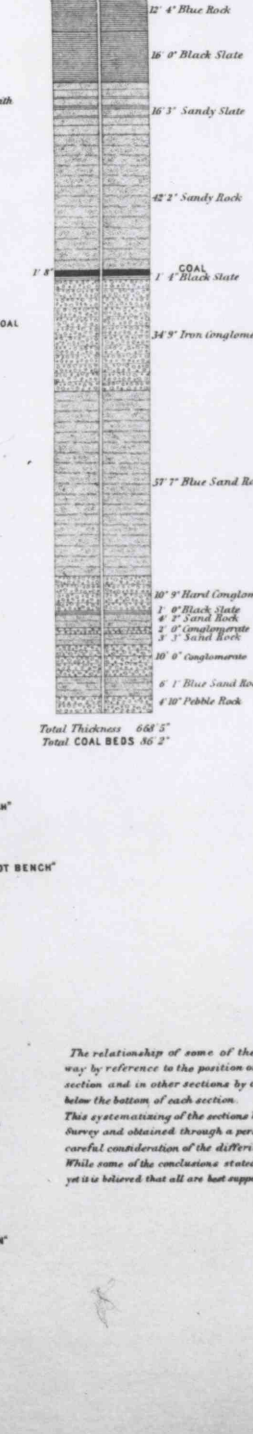
No. 15. Mine Sheet No. I, CROSS CREEK BASIN, DRIFTON COLLIERY, BORE HOLE No. 1, SECTION OF BEDS FROM D. BORE HOLE No. 10.



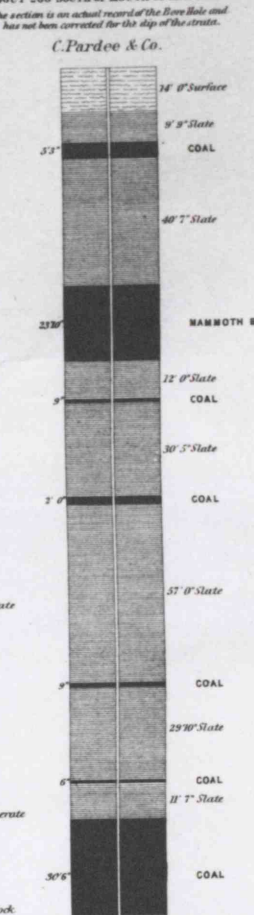
No. 16. Mine Sheet No. II, LITTLE BLACK CREEK BASIN, MILNESVILLE COLLIERY, BORE HOLE No. 3, LONGEST 117 1/2 FEET EAST OF SLOPE.



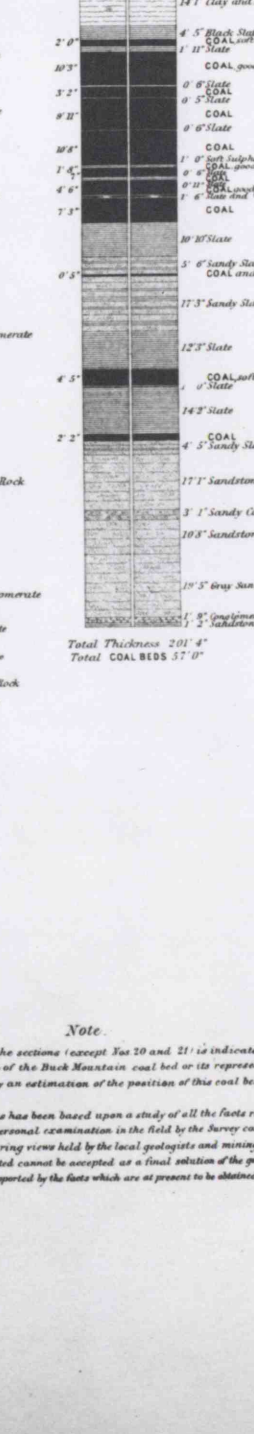
No. 17. Mine Sheet No. I, CROSS CREEK BASIN, DRIFTON COLLIERY, BORE HOLE No. 1, SECTION OF BEDS FROM D. BORE HOLE No. 10.



No. 18. Mine Sheet No. II, LITTLE BLACK CREEK BASIN, MILNESVILLE COLLIERY, BORE HOLE No. 3, LONGEST 117 1/2 FEET EAST OF SLOPE.



No. 19. Mine Sheet No. I, CROSS CREEK BASIN, DRIFTON COLLIERY, BORE HOLE No. 1, SECTION OF BEDS FROM D. BORE HOLE No. 10.



Note

The relationship of some of the sections (except Nos. 20 and 21) is indicated in a general way by reference to the position of the Bore Holes and is so represented in each section and in other sections by an indication of the position of the coal bed above the top or below the bottom of each section. This correlation of the sections has been based upon a study of all the data reported to the Survey and obtained through a personal examination in the field by the Survey and from a careful consideration of the differing views held by the local geologists and mining engineers. While some of the correlations stated cannot be accepted as a final solution of the geological structure, it is believed that all are well supported by the data which are at present to be obtained.