



1 The North and South Meridian and East and West Parallel lines are drawn 2000 feet apart and are based on the true Meridian established by observations at the Pottsville Court House. The true Meridian is the line of true North, with the exception of the outcrop of Mauch Chunk Red Shale No. XI. The black print relates to the surface features. Elevations are noted they are based on the datum, above Ocean level, established at Philadelphia and Reading Railroad Company.

- Dimple Bed
- Top Split
- Bottom Split
- Buck Mountain Bed
- Lykens Valley Bed
- Hoisting shafts
- Coal shafts
- Air shafts
- Bone holes
- Slopes in color of bed
- Black slopes in black
- Tunnels
- Drifts
- Buildings
- Strippings in color of bed
- Crop falls in black
- Property lines
- Warranty lines
- County lines
- Township lines
- Borough lines
- Ward lines

This map was constructed from the surveys of the Philadelphia and Reading Coal and Iron Company, P. W. Sheaffer, Engineer of Mines, A. B. Cochran & Son, Mining Engineers and Surveyors, and the Geological Survey.

- Area of Workable Coal Beds
- Pottsville Conglomerate No. XII
- Mauch Chunk Red Shale No. XI

- Buck Mountain Bed
- Lykens Valley Bed No. 1
- Lykens Valley Bed No. 2
- Lykens Valley Bed No. 3
- Lykens Valley Bed No. 4
- Lykens Valley Bed No. 5
- Lykens Valley Bed No. 6

Note: This section is compiled from the best information now at the command of the Geological Survey and gives perhaps a fair average of the thicknesses of strata and coal beds but does not show the thin seams of coal or "testers" which in many instances occur between these beds.