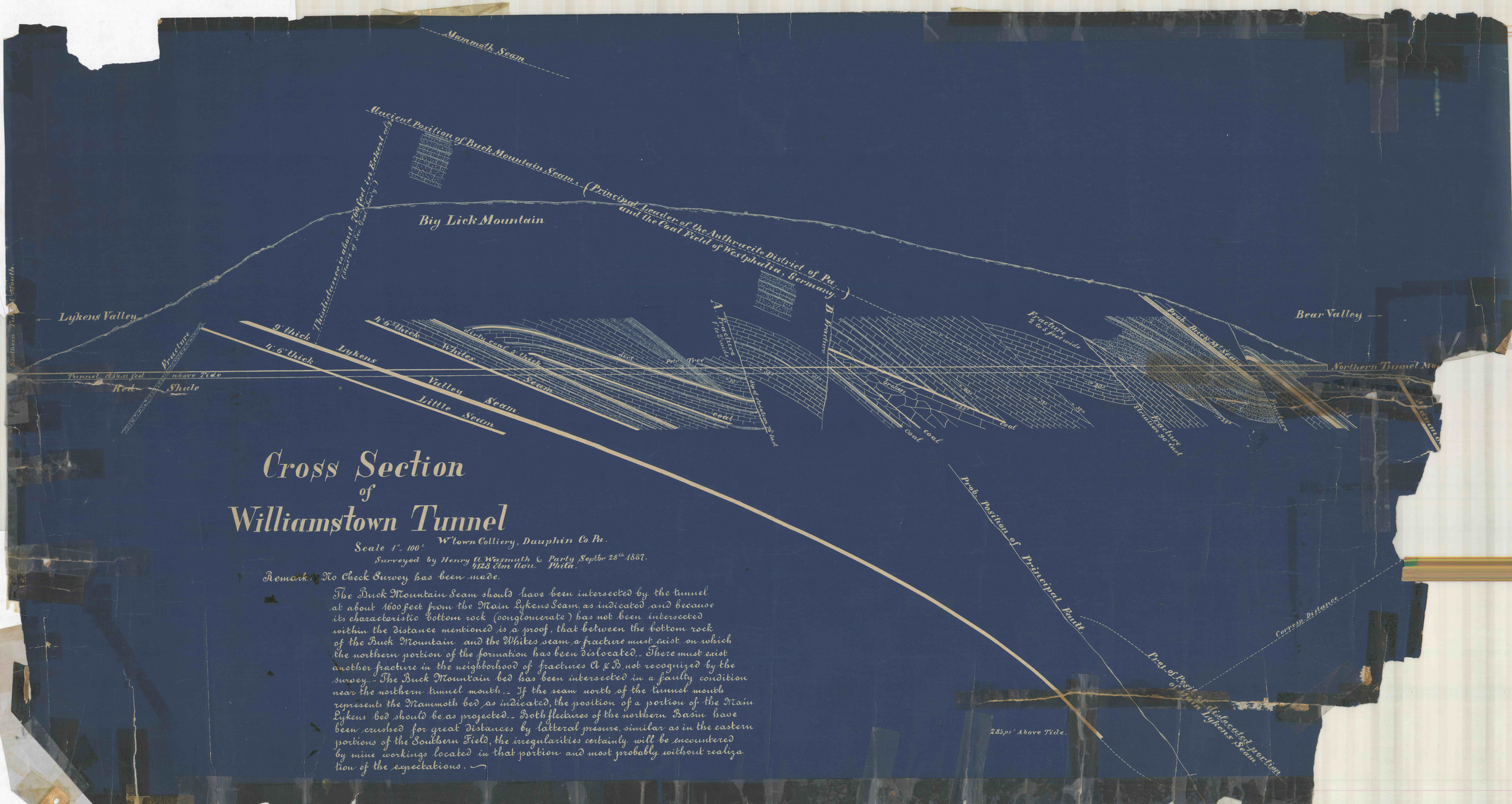

Cross Section of Williamstown Tunnel

Scale 1" = 100'

W'town Colliery, Dauphin Co Pa.

Surveyed by Henry A. Wagnuth & Party Septbr 28th 1887.
4123 Elm Ave. Phila.

Remark. No Check Survey has been made.

The Buck Mountain Seam should have been intersected by the tunnel at about 1600 feet from the Main Lykens Seam, as indicated and because its characteristic bottom rock (conglomerate) has not been intersected within the distance mentioned is a proof, that between the bottom rock of the Buck Mountain and the Whites seam, a fracture must exist, on which the northern portion of the formation has been dislocated. There must exist another fracture in the neighborhood of fractures A & B, not recognized by the survey. The Buck Mountain bed has been intersected in a faulty condition near the northern tunnel mouth. If the seam north of the tunnel mouth represents the Mammoth bed, as indicated, the position of a portion of the Main Lykens bed should be as projected. Both flectures of the northern Basin have been crushed for great distances by latteral pressure, similar as in the eastern portions of the Southern Field, the irregularities certainly will be encountered by mine workings located in that portion and most probably without realization of the expectations.