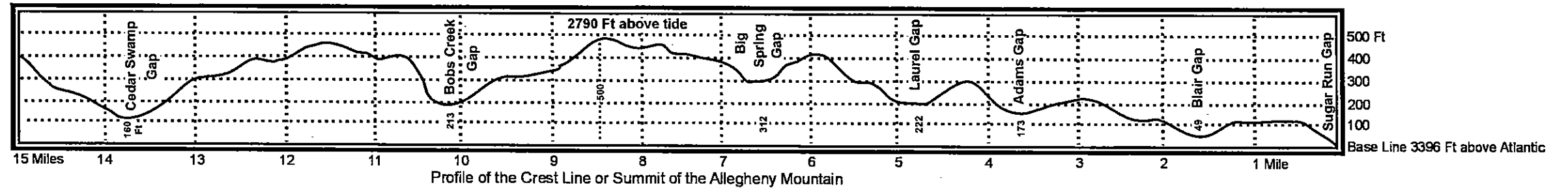


Relief map of the Allegheny Mountains showing the routes of the Old Allegheny Portage Railroad, the New Allegheny Portage Railroad, and the Pennsylvania Railroad (from Shank, 1975).

Fig. 1



No. 1

Alternating strata of shale and limestone. The former predominating. This Division commences farther Eastward than any point shown on the section.

No. 2

Thick beds of Shale, with occasional small Strata of argillaceous Sandstone towards the Western part containing numerous marine remains. In the Western part of this division the colour of the Shale is in an uniform deep red. No Limestone.

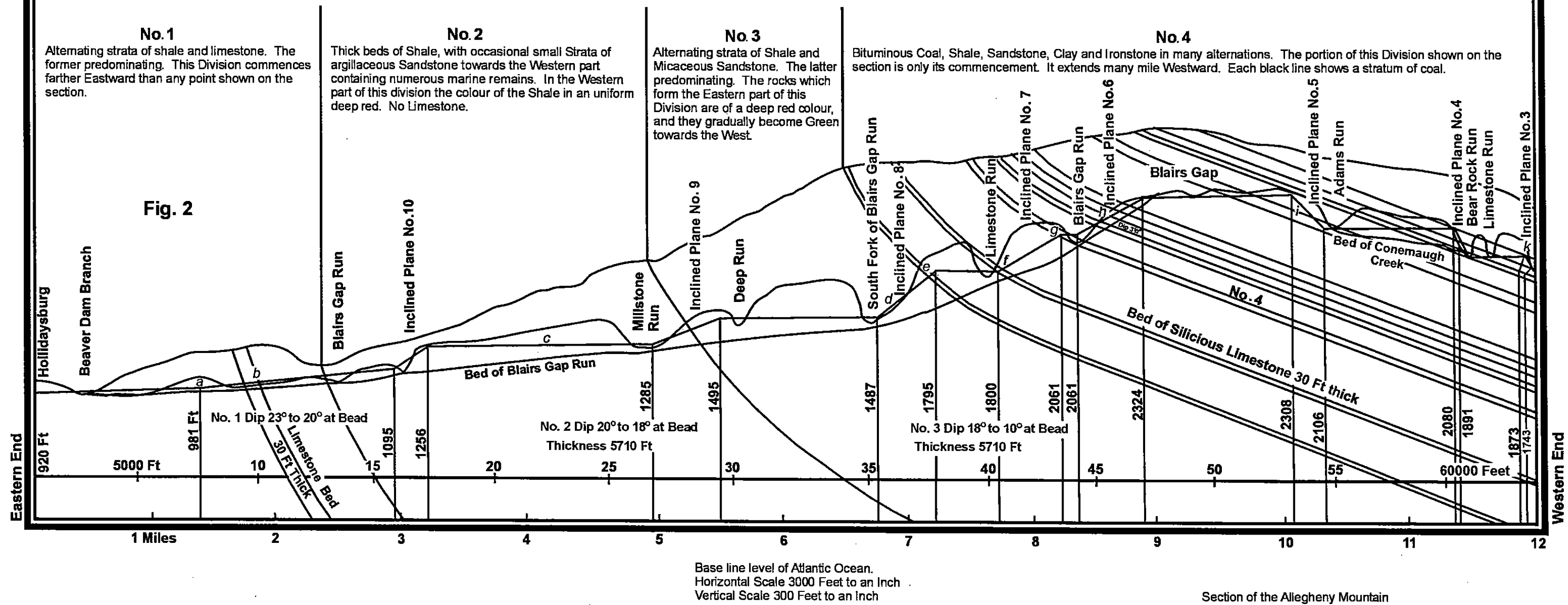
No. 3

Alternating strata of Shale and Micaceous Sandstone. The latter predominating. The rocks which form the Eastern part of this Division are of a deep red colour, and they gradually become Green towards the West.

No. 4

Bituminous Coal, Shale, Sandstone, Clay and Ironstone in many alternations. The portion of this Division shown on the section is only its commencement. It extends many mile Westward. Each black line shows a stratum of coal.

Fig. 2



Redraft of Edward Miller's 1835 cross section of the Allegheny Mountains

E. M.