



Avon R<sup>r</sup> Combe Brook  
**STONEBRASH HILLS**  
 Cotswolds Northward

Frome R<sup>r</sup>  
**CLAY VALES**

WILEY BOURN  
**CHALK HILLS**  
 The Edge of Salisbury Plain

Nadder, Aven & Bourn Rivers  
**PLAIN S**  
 The New Forest

**SOUTHAMPTON WATER**

Hot and other Mineral Waters burst from the Strata at the feet of these steep Hills. Numerous Springs issue from these frequent alternations of Strata. Coal is worked dipping N. or N.W. at Newton Pitt only a Mile W. of Bath. In the late experiment for Coal at Bathston on the other side of Bath the Strata usually penetrated for Coal in these parts were found in regular succession, but the immense quantity of Water which burst in through a horizontal in the Red Earth alarmed the Conservators of the Bath Hot Springs as to their safety two of which failed about the same time one partly being fired at the east expense attending each Water and the other having employed me to restore the Springs; the experiment succeeded and restored tranquility in the minds of many.

Part of Sedon and other extensive Forests and Woodlands on these Clays.  
 Black Dog Hill the Summit of drainage between the English and Bristol Channels.  
 The unconformability of the Coral Rag and Flint (p. 22) is noticed in W. Smith's other Works.

The first Turnpike Road from Bath to Salisbury was made over the Downs. The present Road through the Willey Bourn parallel to the hilly margin of the Downs was called 'Underhill'.  
 The scarcity of Water and other reasons for the paucity of habitations on the Hills accounts for the numerous Sites of Population in the Valleys. The great Flocks of Sheep are kept upon these Downs and supplied with early Spring feed from water-meadows in the Valleys.

The Declination from Bacon Hill station towards Old Sarum was too great for the accurate admeasurement of a Base Line.  
 Gun Flints formerly manufactured at Salisbury.  
 The Spire of Salisbury Cathedral is 400 feet high.

From these Hills of moderate altitude the vast extent of the New Forest slopes gradually to the Shores of the Sea and the Southampton Water. The clay parts are covered with Oaks and the Sandy and Gravelly like Bagshot Heath with Furses and Ling.

In 1790 an experiment for Coal in these Strata near the Stone-Workhouse at Flatford on the borders of the New Forest.

**SECTION OF THE STRATA THROUGH HAMPSHIRE AND WILTSHIRE TO BATH.**  
 on the ROAD from BATH to SALISBURY.