

**THE WATER SUPPLY (FROM
UNDERGROUND SOURCES) OF THE EAST
RIDING OF YORKSHIRE, TOGETHER WITH
THE NEIGHBOURING PORTIONS OF THE
VALES OF YORK AND PICKERING: WITH
RECORDS OF SINKINGS AND BORINGS**

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The water supply (from underground sources) of the east riding of Yorkshire, together with the neighbouring portions of the vales of York and Pickering: with records of sinkings and borings by C. Fox-Strangways & Hugh Robert Mill

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C. FOX-STRANGWAYS & HUGH ROBERT MILL

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MEMOIRS OF THE GEOLOGICAL SURVEY.
ENGLAND AND WALES.

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OF
THE EAST RIDING OF YORKSHIRE,
TOGETHER WITH THE NEIGHBOURING PORTIONS OF
THE VALES OF YORK AND PICKERING:
WITH RECORDS OF SINKINGS AND BORINGS.

BY
C. FOX-STRANGWAYS, F.G.S.

WITH CONTRIBUTIONS BY
HUGH ROBERT MILL, D.Sc., LL.D.

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PREFACE.

This is the fifth of the series of County Memoirs dealing with the water supply from underground sources, the counties already dealt with being Sussex (1899), Berkshire (1902), Lincolnshire (1904), and Suffolk (1906).

Although this work is more particularly on the water-supply of the East Riding it has been deemed advisable to include all available records of borings and sinkings without regard to the purpose for which they were made, as all such records are useful in estimating the thickness and character of the strata.

In getting together these records we have had much assistance from the Local Government Board, engineers, medical officers and others; especially from Dr. H. F. Parsons, Mr. W. Whitaker, Professor Kendall, Mr. W. H. Crofts, Dr. J. Mitchell Wilson and Messrs. Fairbank. Dr. Parsons, who formerly resided in the district, and whose knowledge of the country is very intimate, has given us much help and many useful suggestions. Ready assistance has also been afforded by well sinkers and borers, especially by Mr. J. Villiers, who placed his boring book at our disposal.

These records are arranged in the four districts into which the country is naturally divided; but some sections at places outside the boundaries of the Riding are included, as many of these have an important bearing on the water supply of the strata within the area more especially referred to.

The records are published as they have been received, but in most cases the geological horizons are indicated as far as can be determined, from the terms used by well-sinkers. Without examining the material brought up it is often difficult to decide at what depth the solid rock was reached. Dr. H. R. Mill contributes the chapter on rainfall and the rainfall map. Details

of levels of water have been added in those cases where they have been given to us, but it is greatly to be regretted that this information is not always recorded.

In view of the publication of supplementary records, the Geological Survey will always be glad to receive details of new borings or sinkings either from this or any other district. Forms for recording sections may be obtained on application to the Geological Survey Office.

J. J. H. TEALL,
Director.

*Geological Survey Office,
28, Jermyn Street, London.*

23rd February, 1906.

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