MEMOIRS OF THE GEOLOGICAL SURVEY.
ENGLAND AND WALES. THE GEOLOGY OF
THE COUNTRY AROUND INGLEBOROUGH,
WITH PARTS OF WENSLEYDALE AND
WHARFEDALE (EXPLANATION OF QUARTERSHEET 97 S.W. NEW SERIES, SHEET 50)

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THE COUNTRY ABOUND

INGLEBOROUGH,

WITH PARTS OF

WENSLEYDALE AND WHARFEDALE.

(EXPLANATION OF QUARTER-SHEET 97 S.W. NEW SERIES, SHEET 50.)

BY

J. R. DAKYNS, M.A., R. H. TIDDEMAN, M.A., F.G.S., W. GUNN, F.G.S., and A. STRAHAN, M.A., F.G.S.

(WITH NOTES BY C. FOX-STBANGWAYS, F.G.S., AND J. G. GOODCHILD, F.G.S.)

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PREFACE.

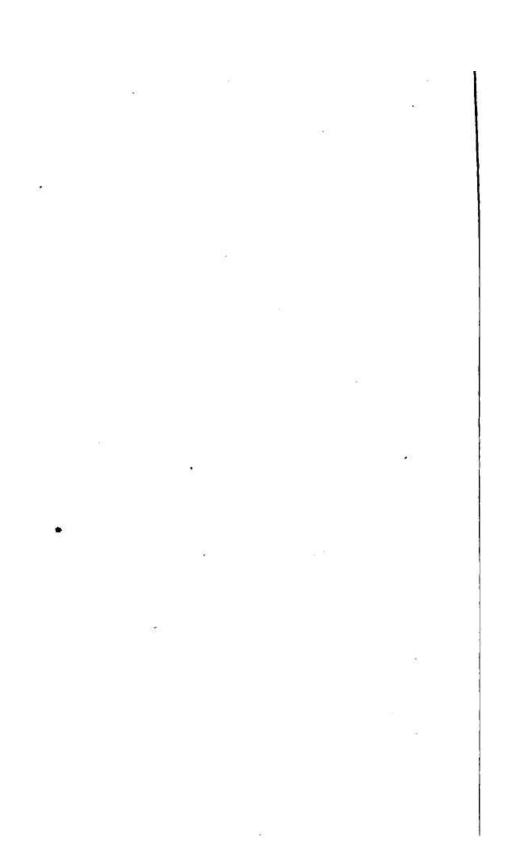
The geological mapping of the Quarter-Sheet described in the following chapters was begun in the western part by Mr. (now Professor) Hughes, and on his retirement from the staff was carried on, first by Mr. Goodchild, and then by Messrs. Dakyns, Tiddeman, Gunn, and Strahan, a small portion of the northern margin having been done by Mr. Fox-Strangways. The field-work was prosecuted under the supervision of Messrs. Aveline and Howell.

The present Memoir has been written by the officers chiefly concerned in the mapping, Messrs. Dakyns, Tiddeman, Gunn, and Strahan, notes having been supplied by Messrs. Fox-Strangways and Goodchild, and the whole has been arranged and edited by

Messrs. Dakyns and Strahan.

Among the features of special geological interest in the map, and in the present description of it, reference may be made here to the exposures of the Silurian platform, which in some of the dales has been revealed under the base of the Carboniferous Limestone; to the outliers of Millstone Grit on Ingleborough, Whernside, and some other of the higher fells, and the enormous denudation which they demonstrate; and to the great double Craven Fault as well as a second large dislocation which in the present Memoir is distinguished as the Dent Fault. There are many topographical features of interest in the district, such for instance as the caves in the platform of limestone on which Ingleborough stands. A bibliography of the more important geological books and papers relating to the district is appended.

Geological Survey Office, Director General.
28, Jermyn Street, London,
16th May 1890.



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