

REPORT.

SIR,—

Geological Survey Office, Wellington, 1st July, 1908.

I have the honour to present to you the second annual report (new series) of the Geological Survey Department.

I have, &c.,

J. M. BELL,

Director Geological Survey.

Hon. James McGowan, Minister of Mines, Wellington.

INTRODUCTION.

DURING the season 1907–8 the general arrangements of the Geological Survey have remained almost the same as those described in the first annual report of the Department, which gave details of the work up to the end of 1906.

The operations of the Geological Survey comprise geological investigations of various kinds, and topographical surveys. The results of these labours for this season will be given in succeeding pages in this report.

In order that the results of our investigations may be made available at as early a date as possible after the completion of the field-work, it has been decided that the annual report shall each year cover all our operations up to the 31st May. This is the date at which suspension of our field-work generally takes place, and is as late in the year as is convenient for the completion of our report before presentation to Parliament. Consequently the present report deals with all operations of the Survey between the 1st January, 1907, and the 31st May, 1908.

STAFF.

Mr. Kenneth M. Graham, Assistant Topographer, resigned his position on the 31st March, 1907, to enter the service of the Federated Malay States, and Mr. John A. Bartrum, M.Sc., who had been on probation for four months, was permanently appointed as an Assistant Geologist on the 1st April, 1908. Besides the officers in the following list, Mr. G. E. Harris has been employed as a temporary draughtsman since the 1st October, 1906, and Mr. H. Richardson as temporary assistant topographer since the 1st November, 1907.

The *personnel* of the Department is now as follows:—

Position.	Name of Officer.	Date of Appointment.
Director of the Geological Survey ..	James Mackintosh Bell, M.A., Ph.D.	21st January, 1905.
General Geologist ..	Percy Gates Morgan, M.A.	19th May, 1905.
Assistant Geologist ..	Edward de Courcy Clarke, M.A.	1st January, 1907.
” ..	John A. Bartrum, M.Sc.	1st April, 1908.
Mining Geologist ..	Colin Fraser, M.Sc.	28th March, 1905.
Assistant Mining Geologist ..	Ernest John Herbert Webb, B.E.	1st November, 1906.
” ..	James Henry Adams, B.Sc.	1st April, 1907.
Topographer ..	Reginald Palmer Greville (Licensed Surveyor)	Transferred from Lands and Survey Department, 1st April, 1906.
Draughtsman ..	Robert James Crawford ..	Transferred from Lands and Survey Department, 1st August, 1905.
Assistant Draughtsman ..	Owen Ambrose Darby ..	Transferred from Lands and Survey Department, 1st September, 1906.
Correspondence Clerk ..	John Thompson ..	5th February, 1906.
Clerk ..	Peter Clarke ..	Transferred from Post and Telegraph Department, 1st November, 1906.