

SESSION II.  
1921.  
NEW ZEALAND.

DEPARTMENT OF LANDS AND SURVEYS:  
**SURVEYS**  
(ANNUAL REPORT ON).

*Presented to both Houses of the General Assembly by Command of His Excellency.*

CONTENTS.

General Report—	PAGE	Appendix I— <i>continued</i> .	PAGE
Principal Survey-work performed during the Year, with Tables A and B .. .. .	2	(b.) Report by E. J. Williams, Tide-computer— Computation of the Harmonic Tidal Constants..	6
Minor Triangulation .. .. .	3	Values of the Harmonic Constants used in pre- paring the Tide-tables for 1922 .. .. .	6
Topographical, for Selection .. .. .	3	Mean Monthly Values of the Sea-temperature at New Plymouth .. .. .	7
Settlement Surveys .. .. .	3	Appendix II—Report by H. F. Skey, B.Sc., Director of Magnetic Observatory—	
Native Surveys .. .. .	3	Vector Diagrams .. .. .	At end.
Coal- and Gold-mining Surveys .. .. .	3	Monthly and Annual Curves of the Magnetic De- clination .. .. .	At end.
Major Triangulation .. .. .	3	Monthly and Annual Curves of the Horizontal Magnetic Force .. .. .	At end.
Standard Surveys .. .. .	3	Appendix III—Account of Exploration by Messrs. S. Turner and D. Macpherson about Mount Tutuko (with illustrations and map) .. .. .	19
Topographical Survey .. .. .	3	Table of Hourly Values of the Magnetic Declination and the Horizontal Force (bound separately).	
Inspections .. .. .	3		
Tidal Survey .. .. .	3		
Magnetic Observatory .. .. .	4		
Proposed Operations for 1921–22 .. .. .	4		
General .. .. .	5		
Appendix I—			
(a.) Report by M. Crompton Smith, Chief Draughts- man—			
Head Office Draughting Staff .. .. .	5		
Draughtsman's Examination .. .. .	6		
Surveyors Board .. .. .	6		

The SURVEYOR-GENERAL to the Hon. MINISTER OF LANDS.

SIR,—

Wellington, 30th August, 1921.

I have the honour to present herewith the report on survey operations for the year ended 31st March, 1921. In doing so I would draw attention to the fact that the Surveyor-General in charge of these operations until the 25th October, 1920, was Mr. T. N. Brodrick, Under-Secretary for Lands. The following report is therefore partly based upon the work carried out under his guidance.

I have, &c.,

W. T. NEILL,  
Surveyor-General.

Hon. D. H. Guthrie, Minister of Lands.