

1920.
NEW ZEALAND.

DEPARTMENT OF LANDS AND SURVEY.

SURVEYS

(ANNUAL REPORT ON).

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

CONTENTS.

	PAGE	PAGE
General Report :—		
Principal Survey-work performed during the Year, with Tables A and B	1	Appendix I.—Report by W. T. Neill, Chief Inspec- tor of Surveys —
Minor Triangulation	2	Triangulation
Topographical, for Selection	2	Standard Surveys (illustrated)
Settlement Surveys	2	Tidal Survey
Native Surveys	2	Magnetic Survey and Observatory
Gold-mining Surveys	2	Topographical Survey
Coal-mining Surveys	2	Office Appliances
Major Triangulation	3	Appendix II.—Report by H. F. Skey, B.Sc., Director of Magnetic Observatory
Standard Surveys	3	Vector Diagrams
Topographical Survey	3	Monthly and Annual Curves of the Magnetic Declina- tion
Inspections	3	Monthly and Annual Curves of the Horizontal Magnetic Force
Tidal Survey	3	Table of Hourly Values of the Magnetic Declination and the Horizontal Force (bound separately).
Magnetic Observatory	3	
Proposed Operations for 1920–21	3	
Head Office Draughting Branch	4	
Draughtsmen's Examination	5	
Surveyors' Board	5	
General	5	

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

SIR,—

Wellington, 14th July, 1920.

I have the honour to present herewith the report on survey operations for the year ended 31st March, 1920.

I have, &c.,

T. N. BRODRICK, Surveyor-General.

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

REPORT.

THERE has been a steady increase in the volume of work handled by the Department during the year under report, as shown in the attached tables, which give a concise summary of the work completed. Full details are contained in the reports supplied by the Chief Surveyors, which are filed as departmental records.

Under the heading of "Rural Surveys," in Table B, an area of 613,810 acres is shown as completed work, consisting largely of land for soldier settlement. The area for last year was 302,369 acres, or less than one-half.

The area of Native lands surveyed shows a decrease from 241,927 acres to 122,248 acres.

The cost of rural surveys is 1s. per acre for the current year, against 1s. 6d. per acre last year. This apparent decrease is due to the large areas of pastoral land in Canterbury and Otago included in the total. Leaving out those pastoral areas, the average cost per acre of rural surveys has advanced from 1s. 6d. to 2s. per acre.

The cost per acre of Native surveys has also advanced from 1s. 7d. last year to 2s. 4d.

These figures show that the work is being done at a reasonable and satisfactory price as compared with the increase in the cost of all classes of work at the present time.