

APPENDIX III.

RETURN of FIELD WORK EXECUTED by STAFF and CONTRACT SURVEYORS in the COLONY of NEW ZEALAND, from 1st January, 1877, to 30th June, 1877.

Provincial District.	Chief Surveyor.	Revision Surveys.		Minor Triangulation without Topography.		Topographical and Trigonometrical Survey.		Rural and Suburban Section Survey.			Town Section Survey.			Native Land Court Surveys.			Native Land Purchase Surveys.			Detention by Native Opposition or other cause.		Other Work.	Estimated Cost.	Total cost of Field Work for period.	Total cost of Office Work and Inspection for period.	Remarks.
		Acres.	Cost per Acre.	Acres.	Cost per Acre.	Acres.	Cost per Acre.	Acres.	Average size.	Cost per Acre.	Acres.	No. of Allotments.	Cost per Allotment.	Acres.	Average size blocks.	Cost per Acre.	Acres.	Average size blocks.	Cost per acre.	Time.	Cost.	Nature of Duty.				
Auckland	S. P. Smith ..	..	..	19,000	1½d.	540,037	1d.	29,392	476	1/8	..	..	..	137,392	..	1/4	49,797	..	10d.	..	£ 200	Road surveys; examining Native Land Court surveys.	£ 697	£ s. d. 7,547 14 7	£ s. d. 1,016 3 4	100,000 acres block surveys in progress. £141 7s. 7d. paid on account of work entered in last year's return. Generally bush country. In progress, 1,000,000 acres major triangulation; 250,000 acres minor and topographical survey; 68,500 acres section survey; and 5,000 acres Native Land Court survey.
Taranaki	T. Humphries ..	..	..	..	..	5,760	9½d.	22,457	340	1/1½	..	..	..	..	..	..	..	..	..	7 weeks	79	Native reserves, river traverses, &c.	770	3,357 1 10	667 0 2	All bush country. 11,300 acres Native block surveys in progress.
Hawke's Bay	H. Baker ..	..	..	..	..	..	..	12,674	189	10¾d.	..	..	..	..	..	..	..	..	..	..	..	21 miles road traverse, and trig. connections.	241	1,171 16 1	733 3 8	Besides this, 1,322 acres rural lands surveyed and not mapped. In progress, 100,000 acres minor triangulation, and 2,000 acres rural land survey. Roads laid out to only part of the areas surveyed into sections.
Wellington (Crown lands)	H. Jackson ..	12,075 (average size, 124 acres).	11½d.	..	..	..	..	45,850	252	7½d.	..	..	..	..	..	..	..	..	..	..	..	15 miles traverse, and office work.	348	4,431 5 8	1,295 16 2	Two-thirds bush, one-third open country. Roads laid out to only part of the areas surveyed into sections for settlement.
„ (Native lands)	G. W. Williams..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12,439	..	5½d.	..	237	Office work	190	1,861 16 6	513 13 4	136,000 acres reconnaissance survey completed but not mapped; 25,000 acres section survey nearly completed, commenced in 1875.
Marlborough	H. Clarke ..	..	..	..	..	..	..	577	48	2/10	..	..	..	..	..	..	..	..	..	..	..	Traversing tracks ..	82	166 0 6	461 14 2	Isolated surveys
Nelson	J. S. Browning ..	..	..	4,128	1/-	..	..	17,062	105	3/7	22	80	4/9	..	..	..	..	..	..	..	..	Topographical traverses, 48½ miles, at 1/6 per chain.	292½	3,861 17 6	1,057 4 0	Two surveyors on standard work; seven on gold-fields. 2,856 acres rural lands surveyed but not mapped. All spotting surveys.
Westland	G. Mueller ..	..	..	..	..	..	..	5,462	44	1/9	..	..	..	..	..	..	..	..	..	..	..	Mining water-race, road surveys, &c. ..	1,336	2,149 16 8	1,385 4 0	{ All within gold-field; mostly rough bush country.
Canterbury	J. H. Baker ..	1,398	..	..	..	100,000	1½d.	34,686	88	2/6½	61	243	8/10	..	..	..	..	..	..	..	..	Topographical survey, 6,958 acres, at 3½d. per acre ..	101	..	..	
																						Office plotting Trig. stations, Re-chaining base lines	280	6,767 6 3	2,273 7 9	Besides this, 31,229 acres rural lands surveyed but not mapped.
Otago	W. Arthur ..	..	..	..	..	189,197	2d.	71,348	114	1/0 ³ / ₁₀	337	335	8/1½	..	..	..	..	..	..	..	..	Water-races, reports to Wardens, mining areas, school-sites.	523	5,475 7 6	1,835 17 0	Six surveyors on gold-fields, where surveys very scattered and costly.
Southland	John Spence ..	..	..	..	..	26,006	1½d.	39,239	168	1/3	21	82	15/	..	..	..	..	..	..	..	..	Road traverse	179	3,637 3 8	795 12 0	13,000 acres section survey, Stewart Island and elsewhere, partially completed; besides 5,000 acres of work done entirely in bush.
TOTALS AND AVERAGES..	..	13,473	..	23,128	3½d.	861,000	1 ³⁶ / ₁₀₀ d.	278,747	145	1/5	441	740	15/0½	137,392	..	1/4	62,236	..	8½d.	..	516	 £	5,039	40,427 6 9	12,034 15 7	