

RETURN of FIELD-WORK executed by STAFF and CONTRACT SURVEYORS from 1st July, 1880, to 30th June, 1881.
PROVINCIAL DISTRICT OF NELSON.

Surveyor.	District.	Major Triangulation.			Minor Triangulation.			Topographical and Trigonometrical Survey.			Rural and Suburban.				Town Section Survey.				Gold-Mining Survey.				Roads, Railways, and Water-races.			Detention by Native Opposition or other Causes.	Other Work.	Total Cost of Surveyor and Party from 1st July, 1880, to 30th June, 1881.	Remarks.		
		Acres.	Cost per Acre.	Total Cost.	Acres.	Cost per Acre.	Total Cost.	Acres.	Cost per Acre.	Total Cost.	Acres.	No. of Sections.	Cost per Acre.	Total Cost.	Acres.	No. of Allotments.	Cost per Allotment.	Total Cost.	Acres.	No. of Sections.	Cost per Acre.	Total Cost.	Miles.	Cost per Mile.	Total Cost.	Cost.	Cost.				
G. B. Sinclair	Wai-iti		d.	£ s. d.		d.	£ s. d.		d.	£ s. d.	1,159	11	5/7 ³	327 9 2			s. d.	£ s. d.			s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	438 8 4	765 17 6	Work not completed.
A. P. Rawson	"										3,270	22	1/11 ²	320 12 4																673 9 0	
C. Lewis	Waitapu and Mount Arthur				13,350	2'8	155 15 0				3,599	21	1/11 ²	352 16 8																642 15 10	{ Sections adjoining old surveys in bush ; heavily-timbered and broken country.
R. T. Sadd	Howard, &c.				11,840	1'19	51 17 8	115,368	0'81	393 12 11	1,502	12	2/4	175 4 8					113	8	15/0	84 15 0	6 ¹ / ₄	11 4 0	70 0 0		56 11 0	642 15 10			
J. Snodgrass	Lyell, &c.										2,202	15	2/2	238 7 2									7	3 12 2	25 12 6		20 0 0	770 11 10	883 9 2	Heavily-timbered and broken country. Cadet, 8 months.	
J. H. Jennings	Cobden										627	10	2/	82 14 0					176	11	9/2	80 19 6	6	7 0 0	42 0 0						
											2,118	34	2/5	260 18 3															133 0 0	739 18 6	2,000 acres in progress. Heavy bush and broken country.
											1,160		2/4	136 10 6																	
F. S. Smith	"			Revision	89,082	0'33	122 8 0	140,270	1'12	654 15 10	1,687	22	3/11 ²	335 19 6															133 0 0	739 18 6	Heavy bush and broken country and alpine ranges. Cadet, 8 months.
											660	11	6/5'7	214 2 8		8	35	16/	28 0 0	4	1	2/10/3	10 5 0					67 6 2	919 17 9		
C. Galwey	Ahaura				17,512	1'6	118 0 0				243	16	6/5'7	78 6 11															100 0 3	868 4 4	1,600 acres in progress. Heavily timbered. Cadet, 12 months. Adjoining old surveys.
J. A. Montgomerie	Reefton							65,657	1'7	468 8 9	3,254	70	2/10 ¹ / ₄	466 2 6	2	27	14/5	19 10 0	536	33	15/3	409 4 7					68 0 3	1,117 6 8			
Contractors, &c.—	Waitakere, &c.																													139 7 6	Paid by fees. £52 17s. paid by fees ; 4,000 acres field-work completed. Alpine ranges.
R. A. Young	Mount Arthur										4,200	42	2/3	472 10 0															525 7 0		
J. Rochfort	Gordon, &c.							179,794	1'5	1,123 14 3																			1,123 14 3		
H. E. Ellison																															
Means and totals					131,874	0'9	448 0 0	643,589	1'36	3,572 16 9	31,349	395	2/8 ¹ / ₄	4230 2 9	10	62	15/4	47 10 0	1,017	87	15/10	808 12 7	26 ¹ / ₄	6 16 10	179 12 6		883 6 0	9,167 19 4			

PROVINCIAL DISTRICT OF MARLBOROUGH.

A. D. Wilson (standard)	...	Part of Cloudy Bay, Linkwater, Gore, and Arapawa	335,680	0'25	349 12 6	...	...	...	224,000	1'25	1,177 19 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	800 2 10	Two-thirds of this triangulation carried over mountainous forest country; remainder partly open, partly scrub. One month's leave of absence. No cadet assisting. Most of the stations in this triangulation required heavy bush-cut- ting. One month's leave of absence on account of ill-health. No cadet assisting. Of this amount, £63 15s. paid for survey by applicants has been placed to credit of Public Account. 1,113 acres situated in Nelson Land District. Partly open, partly wet swamp, partly manuka. Paid for by applicants. Partly resurveyed, and connections made with adjacent surveys and trig. stations.
R. F. Goulter (staff)	...	Part of Tennyson, Arapawa, Linkwater, and Oriari	...	...	...	...	...	77,000	1'5	501 0 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	59 12 0		
"	...	Arapawa, Gore, Oriari, and in Nelson District	...	...	...	...	...	...	...	...	1,933	22	2 1½	204 16 9	...	...	...	...	...	...	...	...	...	...	...	...	528 18 1	
"	...	Pelorus and Queen Charlotte Sound	...	...	...	...	...	...	...	Revised	1,017	14	1 6½	77 17 4	...	...	...	...	...	...	...	...	...	...	...	...	...	
J. O. Western (schedule)	...	Cloudy Bay	...	...	...	...	...	...	...	...	302	11	0½	16 0 0	...	...	...	...	...	...	...	...	...	...	...	...	...	
"	...	Linkwater	...	...	...	...	...	...	...	Revised	638	10	5½	15 0 0	...	...	...	...	...	...	...	...	...	...	...	...	31 0 0	
Means and totals	...	...	335,680	0'25	349 12 6	...	...	...	301,000	1'3	1,678 19 8	3,890	38	1 7¼	313 14 1	...	...	...	...	...	...	...	...	...	...	...	1,360 0 11	

PROVINCIAL DISTRICT OF WESTLAND.

W. G. Murray	Waimea, Totara, Kanieri, Toaroa, Turiwhate, and Mahinapua	...	...	...	...	...	8,320	2'5	92 1 6	2,985	24	2 8 ¹ / ₂	406 2 6	...	...	...	...	86	17	11 3 ¹ / ₄	48 9 0	10 ¹ / ₂	6 4 0	65 12 6	...	144 14 6	757 0 0	Bush country in centre of gold field. Unassisted by cadets.
E. J. Lord	Tekinga, Arnold, Greymouth and Hobonu	...	...	...	...	...	17,440	4'5	328 8 10	2,649	10	3 0 ¹ / ₂	403 1 6	16 ¹ / ₂	4	18 8	15 8 0	16	5	28 8	22 19 0	4 ³ / ₄	11 9 5 ¹ / ₂	54 10 0	...	73 16 4	898 3 8	
J. N. Smyth	Paringa, Haast, Arnott, Cascade, Smoothwater, and Abbey Rocks	...	...	41 10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48	19 10 9	937 18 10	...	128 0 0	1,107 8 10	£41 10s. major triangulation, covering the cutting and measurement of Paringa base-line. The road surveys were situated in heavily-timbered mountainous country, with dense undergrowth. One cadet (his first year in field) assisting.
G. J. Roberts	Okarito and Mount Gawlor Circuits...	146,406	1 ¹ / ₈	660 1 7	...	...	75,314	2'5	764 10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	200 0 0	1,624 11 7	
H. G. Price	Waitaha, Totara, Toaroa, and Kanieri	...	...	12 0 0	...	...	...	...	...	4,193	44	1 3 ³ / ₄	275 2 0	...	...	...	...	5	2	24 10 ³ / ₄	6 4 6	25 ¹ / ₄	6 18 7	175 1 6	...	30 18 0	499 6 0	£1,183 2s. 4d. of this sum is chargeable to cost of works done for other departments, &c.
Means and totals	...	146,406	1 ¹ / ₈	713 11 7	...	...	101,074	2'8	1,185 0 4	9,827	78	2 2 ¹ / ₂	1,084 6 0	16 ¹ / ₂	4	18 8	15 8 0	107	24	14 6	77 12 6	88 ¹ / ₂	13 18 7	1,233 2 10	...	577 8 10	4,886 10 1	