

TABLE No. 48.—RETURN of FIELD-WORK executed by the STAFF and CONTRACT SURVEYORS, from 1st April, 1896, to 31st March, 1897—continued.

LAND DISTRICT OF TARANAKI.

Surveyor and District.	Major Triangulation.			Minor Triangulation and Topographical Survey.			Topographical Selection before Survey under the Land Act.			Rural and Suburban.				Town Section Survey.				Native Land Court Survey.				Roads, Railways, and Water-races.			Detention by Native Opposit'n or other Causes.	Other Work.	Total Cost of Surveyor and Party from 1st April, 1896, to 31st March, 1897.	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 Secs. or Divs.	Cost per Acre.	Total Cost.	Miles.	Cost per Mile.	Total Cost.	Cost.	Cost.		
<i>Staff Surveyors.</i>		d.	£ s. d.		d.	£ s. d.		d.	£ s. d.		s. d.	£ s. d.		£ s. d.	£ s. d.		£ s. d.		s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
H. M. Skeet, District Surveyor. Kapara, Opaku, Taurakawa, Ngaire, Hawera, Ngatimaru, Aria, Ohura, Mahoe, Pouatu, and Omara	750,000	0-25	781 18 6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	90 12 0	912 0 0	Very broken, heavily-bushed country, difficult of access at present. No cadet assisting. "Other work" includes two inspections of the Ratatoniokia Block and one of two portions of the Taumatamahoe Block surveys, and of survey of Pukengahu Road in land transfer subdivision.
G. H. Bullard, District Surveyor. Egmont, Cape, Ngaire, and Omara	..	..	..	13,000	0-65	85 0 0	..	..	..	11,584	46 2 3-2	1,814 0 9	..	..	..	..	..	..	..	..	..	10	9 0 0	90 0 0	..	16 0 0	752 0 0	Heavily-bushed country. Cadet assisting for four months. "Other work" consists of searching for old survey-marks outside of block (re Patua Block exchange), defining radius-line, and inspecting a proposed road-line surveyed by Mr. O'Donahoo in Native block.
J. F. Frith, Assistant Surveyor. Taurakawa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	53 2 4	377 0 0	Section-survey of Kaitangiwhenua Block; 25,000 acres in hand. Broken, heavily-bushed country. No cadet assisting. "Other work" covers subdivision of a village section (Matapouri), and six months' furlough on half-pay.
W. T. Morpeth, Assistant Surveyor. Mimi, Awakino North, Upper Waitara, and Tainui	..	..	..	1,615	3	20 3 9	..	..	..	5,334	10 1 8-7	460 2 9	..	..	..	..	..	..	..	..	..	6½	13 3 1	88 15 8	5 0 0	37 13 0	724 0 0	Heavily-bushed country. No cadet assisting. 11,000 acres. Section-survey also well advanced. "Other work" consisted of alterations sections in Tongaporutu Village and Improved-farm Settlement caused by road-deviations, definition of some small deviations (road), surveys of signal-station and wharf-sites in Native blocks, &c.
W. H. Skinner, Office Surveyor. Paritutu, Waimate, Cape, Egmont, Ngaire, Hawera, and Ngatimaru	..	..	..	..	..	..	..	..	..	100	2 2 3-1	11 6 4	..	..	..	..	..	..	..	..	..	..	..	..	..	99 15 8	111 0 0	Section-survey, revisional resurvey. "Other work" comprises replacement of trig. stations, land transfer survey inspections, inspections of disputed boundaries (Taumaha and Hursthouse Roads), survey of a short road-deviation, &c.
<i>Temporary Surveyors.</i>																												
A. G. Allom, Assistant Surveyor. Waro and Mimi	..	..	..	..	..	..	..	..	..	601	2 2 4-4	71 5 4	..	..	..	..	..	..	..	..	..	6½	22 3 1	144 0 0	..	43 0 0	294 0 0	Heavily-bushed, broken country. No cadet assisting. Expensive district. "Other work" consisted of cutting of 180 chains of back boundary-lines. Mr. Allom resigned after four months' service.
C. Finnerty, Assistant Surveyor. Pouatu, Mahoe, and Ngatimaru	..	..	..	5,000	2	41 13 4	..	..	..	4,843	16 2 11	706 18 0	..	..	..	..	..	..	..	..	..	..	..	..	..	57 7 2	705 0 0	Densely-bushed, broken country. No cadet assisting. 5,000 acres of section-survey also in hand. "Other work" comprised measurement of co-operative bushfelled areas, improved-farm settlements, 6,550 acres on 31 sections; the exploration of Whangamomona Valley; and cutting of 22 miles of rough walking-tracks therefor, &c.
Percy Holt, Assistant Surveyor. Omara, Kapara, and Opaku	..	..	..	13,600	2½	145 0 0	..	..	..	14,181	62 1 2½	856 16 4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	683 0 0	Densely-bushed, broken country. No cadet assisting. In addition to work scheduled, 3,800 acres section-survey field-work completed, but plans not yet finished.
W. Laing, Assistant Surveyor. Pouatu, Mahoe, and Ngatimaru	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36 3 0	319 0 0	Densely-bushed, broken country. No cadet assisting. 6,000 acres section-survey well in hand. "Other work" comprised measurement of co-operative bushfelled areas, improved-farm settlements, 1,033 acres in 44 sections.
W. H. Murcott, Assistant Surveyor. Waitara and Upper Waitara	..	..	..	..	..	..	..	..	..	5,433	17 2 0	543 6 0	..	..	..	..	..	..	..	..	..	1	30 0 0	30 0 0	..	..	709 0 0	Densely-bushed, broken country. No cadet assisting. Section-survey of 17,000 acres also in hand. Cost of isolated road-survey of one mile enhanced by a ridge-traverse for connection and proving purposes.
N. Prentice, Assistant Surveyor. Ohura and Aria	..	..	..	..	..	..	..	..	..	5,622	26 5 7	1,573 13 8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	491 0 0	Densely-bushed, broken country. No cadet assisting. Cost of this survey was considerably enhanced by the necessity of rerunning and regrading road-lines, and the expensive nature of district. Mr. Prentice terminated his engagement with department on completion of block.
L. C. Sladden, Assistant Surveyor. Ngatimaru, Pouatu, Upper Waitara, and Mahoe	..	..	..	35,000	1-3	150 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13½	10 5 3	136 0 0	..	85 0 0	737 0 0	Densely-bushed, broken country. No cadet assisting. 3,649 acres section-survey in 23 sections well in hand, 1,000 acres being finished and plotted, but plan not sent in, as it will cover when finished the whole area noted. "Other work" comprised redefinition of old railway survey boundaries, and measurement of co-operative bushfelled areas, improved-farm settlements, 727 acres on 44 sections.
<i>Authorised Surveyor.</i>																												
A. O'N. O'Donahoo. Cape ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1½	10 0 0	15 0 0	..	..	15 0 0	Survey and grading of cross-road (extension of Carrington Road) between Hangatahau and Waiweranui Streams.
	750,000	0-25	781 18 6	68,215	1-3	391 17 1	..	..	..	47,698	181 2-32s.	5,537 9 2	..	..	..	..	..	..	..	..	..	39	12 18 4	503 15 8	5 0 0	518 13 2	2,63,829 0 0	

LAND DISTRICT OF WELLINGTON.

L. Smith (Miscellaneous)	624 17 11	734 0 0	Inspecting, land valuations, revision surveys, &c. Transferred to Gisborne, March, 1897.
J. D. Climie. Belmont, Kairanga, &c...	130	2 10 1-5	65 15 8	282 5 10	774 0 0	Mr. Climie was employed chiefly on standard survey work during the year—viz., Palmerston North, Petone, and Lower Hutt.
W. D. B. Murray	79 0 0	Mr. Murray was ill during the period he was engaged in this district, and returned no work. Transferred to Napier in May, 1896.
F. A. Thompson. Tiffin, Mt. Adams, &c.	..	..	..	..	..	..	..	..	..	3,064	3 0 11-75	150 0 0	..	..	..	..	..	..	..	36	14 0 10	505 6 4	..	273 8 11	708 0 0	Sectional area also included practically a revision survey of 5,586 acres additional. "Other work " includes an item of £134 19s. 1d., revision survey. Cadet assisting.	
H. J. Lowe. Ruahine, Umutoi, &c.	..	..	..	451,000	1-17	2,206 3 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	205 5 0	787 0 0	Triangulation chiefly in back forest country; difficult of access.
P. A. Dalziell. Retaruke, &c.	..	..	..	..	..	..	..	..	..	31,095	8 0 5-8	684 15 6	..	..	..	..	133	1 3 0-1	20 0 0	..	..	..	..	..	..	941 0 0	Employed in the upper Waimarino country; difficult of access. Sectional area comprised small grazing-runs, Retaruke; boundaries chiefly compass traverses; further road-access required.
J. McKay. Hautapu, Pukeokahu, &c.	..	..	..	..	..	..	..	..	..	10,344	58 2 0-6	1,065 3 2	105 50	1 6 6	66 7 0	2,864	1 1 7	21 0 0	6-9	18 16 10	130 0 0	..	1 0 0	661 0 0	Forest country, Awarua Block.		
J. G. Littlejohn. Mikimiki, Kopuaranga, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16-3	3 11 7	58 6 4	..	232 3 10	648 0 0		
C. A. Mountfort. Manganui, Makotuku, &c.	..	..	..	..	..	..	..	..	..	11,551	58 2 8-8	1,579 4 0	..	..	..	..	..	..	..	16	10 14 11	171 19 0	..	46 6 8	715 0 0	Forest country, Waimarino; difficult of access.	
H. J. Lewis. Ikitara, &c.	..	..	..	..	..	..	..	..	..	347	2 0 11-3	16 7 0	..	..	..	..	..	..	..	..	..	..	..	479 16 9	468 0 0	Under the heading of " Other work " £467 0s. 1d. has been spent on Wanganu River improvement and engineering surveys for the River Trust.	
A. A. Seaton. Manganui, Kaitieke, &c.	..	..	..	..	..	..	21,262	9-7	861 0 4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	435 0 0	Forest country, Waimarino. Transferred to Auckland, September, 1896.
A. J. Mountfort. Makotuku, &c.	..	..	..	..	..	..	..	..	..	3,300	1 0 8-7	120 8 2	3½ 13	0 5 0	3 5 0	..	..	..	..	10-2	9 6 3	95 0 0	..	75 0 0	375 0 0	Transferred to Auckland, July, 1896.	
P. R. Earle. Mt. Cerberus, &c.	..	..	..	..	..	..	..	..	..	..	..	..	21 70	0 11 2	39 0 0	..	..	..	..	..	..	..	..	..	135 17 8	532 0 0	" Other work " includes £89 12s. 8d. while acting as Crown Lands Ranger.
J. Dickie	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	104 0 0	
H. Maitland. Maungakaretu, Ohine-wairua	..	..	..	..	..	..	..	..	..	788	8 1 3-6	51 4 5	..	..	..	..	..	..	..	82-3	8 6 11	687 1 6	..	14 1 0	784 0 0		
J. M. Morice. Hautapu, Ruahine, &c.	..	..	..	..	..	..	..	..	..	19,020	22 0 11-1	882 14 1	562 139	2 15 4	384 8 4	..	..	..	..	..	..	..	..	..	22 8 0	584 0 0	Forest country, Awarua Block.
H. J. Biggs. Pukeokahu, &c.	..	..	..	..	..	..	..	..	..	14,564	55 1 2-8	898 8 1	864 200	1 19 2	391 18 1	..	..	..	..	..	..	..	..	..	..	733 0 0	Chiefly forest country, Awarua Block.
Total staff surveyors	..	..	..	451,000	1-17	2,206 3 5	21,262	9-7	861 0 4	94,073	215 1 1-9	5,448 4 5	10554 472	1 17 6	884 18 5	3,127	4 0 8-2	106 15 8	167-7	9 16 6	1,647 13 2	..	2,392 11 7	10,062 0 0			
Richardson and Beardon. Ikitara, Wanganui, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	35,045	25 0 7-6	1,110 12 0	3-4	5 19 0	20 4 7	..	..	..	1,853 0 0	Native blocks, Wanganui River, in which the Crown is interested.
H. J. Wyld. Moutere	..	..	..	..	..	..	..	..	..	..	..	..	20 32	0 15 5	24 14 6	..	..	..	..	..	..	..	..	..	..	44 0 0	Foxton Sanatorium.
A. P. Rawson. Mikimiki	..	..	..	..	..	..	..	..	..	550	2 3 3-6	90 15 0	..	..	..	..	..	..	..	..	..	..	..	..	..	11 0 0	
J. A. Thorpe. Nukumar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	20 11 11	82 7 8	..	..	..	82 0 0	
Kennedy Brothers. Motupuha and Ohine-wairua	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15-8	5 19 7	94 10 0	..	..	..	95 0 0	
Mason and Richmond. Kaitawa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	50 0	103 0 0	Revision and traverse work, Ngarara Block, required for Native Land Court.
Total contract surveyors	..	..	..	..	..	..	..	..	..	550	2 3 3-6	90 15 0	20 32	0 15 5	24 14 6	35,045	25 0 7-6	1,110 12 0	23-2	8 9 11	197 2 3	..	50 0 0	2,188 0 0			
Grand totals	..	..	..	451,000	1-17	2,206 3 5	21,262	9-7	861 0 4	94,623	217 1 2	5,538 19 5	10754 504	1 16 1	1,909 12 11	38,172	29 0 7-7	1,217 7 8	190-9	9 13 8	1,844 15 5	..	2,442 11 7	12,250 0 0			