

No. 10.—RETURN of FIELD-WORK executed by the STAFF and CONTRACT SURVEYORS, from 1st July, 1889, to 30th June, 1890.

PROVINCIAL DISTRICT OF AUCKLAND.

Surveyor and District.	Minor Triangulation.			Topographical Survey for Selection under "The Land Act, 1897."			Rural and Suburban.				Town Section Survey.				Native Land Court 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, 1890.	Remarks.	
	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.	Acres.	No. of Sections.	Cost per Acre.	Total Cost.	Miles.	Cost per Mile.	Total Cost.					Cost.
Staff.		d.	£ s. d.			£ s. d.			s.	£ s. d.			s.	£ s. d.			s.	£ s. d.			s.	£ s. d.		£	£ s. d.		£ s. d.	£ s. d.		
L. Cussen. King Country ..	450,000	0·6	1,132 2 10	..	..	..	51	2	7·80	20 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	646 14 1	1,718 16 11	Triangulation, West Coast, and inspection of Native surveys; the cost of the latter being £646 14s. 1d.			
F. Simpson and Cadet. Whangarei ..	23,495	1·0	97 17 11	..	..	..	9,065	78	1·83	829 5 0	..	..	..	..	..	..	..	..	..	..	..	..	0·83	15·0	12 8 7	..	25 0 0	1,046 8 0	Generally heavy forest; scattered surveys.	
F. H. Edgecumbe. Auckland ..	25,940	1·62	176 0 8	..	..	..	240	9	5·97	71 11 11	4·75	34	23·56	40 1 4	..	..	..	..	..	..	..	..	7·0	12·0	84 0 0	..	59 1 4	664 10 8	Six months on sick leave. Engaged on city surveys.	
J. Barber, jun. Tauranga, &c. ..	..	..	..	..	..	..	9,730	65	1·60	779 3 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	689 7 11	Scattered surveys.		
G. A. Martin. Waitemata ..	..	..	..	..	..	..	4,629	82	2·71	628 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	659 7 3	Scattered surveys.	
E. H. Hardy. Tokatoka, &c. ..	..	..	..	..	..	..	5,424	55	2·36	639 10 8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	642 13 6	Scattered surveys.	
J. I. Philips. Newcastle ..	9,260	1·62	62 10 0	..	..	..	5,837	34	1·88	408 12 1	..	..	..	..	..	..	..	..	..	..	..	..	8·75	8·75	76 11 4	..	102 15 0	602 11 1	Generally forest country, and broken.	
H. D. M. Haszard. Onewhero, &c. ..	21,500	1·25	111 19 7	..	..	..	6,606	52	1·57	525 13 2	0·4	3	12·0	1 16 0	..	..	..	..	..	..	..	..	3·06	12·0	37 0 0	..	29 4 0	578 9 0	Ditto.	
C. Stevens. Waipu ..	..	..	..	..	..	..	6,329	92	1·92	610 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36 2 3	621 5 8	Nearly all resurvey of old work, very difficult to pick up.
W. J. Wheeler. Kaeo, &c. ..	23,000	0·84	80 12 0	..	..	..	8,063	60	1·2	483 12 9	..	..	..	..	6,850	2	0·32	110 0 0	..	..	..	..	0·75	7·0	5 5 0	..	28 13 0	579 1 1	Chiefly old work; very broken forest country.	
M. C. Smith. Matakohe ..	..	..	..	..	..	..	2,677	75	4·98	666 15 0	66	110	12·0	66 0 0	..	..	..	..	..	..	..	..	3·5	13·0	45 10 0	..	9 15 0	567 14 1	Chiefly resurvey of old work.	
A. H. Vickerman. Mahurangi ..	..	..	..	..	..	..	6,015	49	1·93	580 1 11	..	..	..	..	..	..	..	..	..	..	..	..	2·0	7·0	14 0 0	..	12 0 0	593 9 0	Broken forest country.	
A. V. Harington, Pakiri ..	..	..	..	..	..	..	7,677	39	1·47	564 13 1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22 0 0	555 15 5	Ditto.
H. D. McKellar. Auckland ..	..	..	..	..	..	..	564	10	3·01	84 16 10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	155 16 10	Chiefly redefining goldfield boundary-lines, 12 miles, £136 16s.	
A. G. Allom. Mangere ..	..	..	..	..	..	..	870	23	1·09	47 12 0	..	..	..	..	82	1	2·06	8 9 6	..	..	..	..	..	..	..	..	..	105 1 6	Chiefly redefining goldfield boundary-lines, 12 miles, £136 16s.	
T. K. Thompson. Otama, &c. ..	..	..	..	..	..	..	1,758	12	4·10	360 6 0	..	..	..	..	..	..	..	..	..	..	..	..	14·5	10·55	153 6 0	..	377 5 0	390 19 2	Forest country.	
J. McKay. Hukerenui ..	..	..	..	..	..	..	3,694	29	1·70	313 19 4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1 5 0	390 19 2	Forest country.	
Authorized Surveyors.																														
J. Baber, sen. Makarau ..	..	..	..	..	..	..	135	1	3·49	23 10 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23 10 0	Broken forest land.	
C. A. Baker. Whaingaroa, &c. ..	..	..	..	..	..	..	6,604	8	1·21	400 17 4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	356 17 4	Nearly all forest country.	
J. M. Cameron. Aotea ..	..	..	..	..	..	..	58	1	6·9	20 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20 0 0	Mineral lease, Great Barrier.	
R. Campbell. Whangaroa ..	..	..	..	..	..	..	75	1	3·0	11 5 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11 5 0	Open land.	
W. F. Donovan. Whaingaroa ..	..	..	..	..	..	..	2,000	1	0·85	85 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	85 0 0	All dense forest.	
J. Hannah. Waipu ..	..	..	..	..	..	..	428	3	2·36	50 10 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	50 10 0	Forest and open land.	
J. W. Harrison. Mahurangi, &c. ..	..	..	..	..	..	..	5,280	4	0·66	173 15 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	173 15 0	Some 4,770 acres for Board of Education; broken forest country.	
N. F. J. Haszard. Maungatawhiri ..	..	..	..	..	..	..	320	2	2·26	36 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36 0 0	All forest and very broken.	
P. Holt. Whaingaroa ..	..	..	..	..	..	..	1,000	1	1·33	66 13 4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	66 13 4	All dense forest.	
A. B. Morrow. Whaingaroa ..	..	..	..	..	..	..	2,753	7	1·25	172 16 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	172 16 0	All forest land, broken country.	
R. Neumann. Waimate, &c. ..	..	..	..	..	..	..	1,756	21	2·8	244 15 11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	244 15 11	Generally speaking, broken country and open land.	
W. C. O'Neil. Mongonui ..	..	..	..	..	..	..	1,268	11	2·41	152 14 6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	152 14 6	Ditto.	
C. O. Otway. Moehau ..	..	..	..	..	..	..	200	1	2·50	25 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25 0 0	Very broken forest land.	
A. M. Ross. Opotiki..	..	..	..	..	..	..	280	1	2·18	25 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	69 14 0	Chiefly open land.	
L. Simpson. Maketu ..	..	..	..	..	..	..	24	3	21·67	26 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26 0 0	Mineral lease, Matata.	
A. C. Turner. Tauranga ..	..	..	..	..	..	..	1,223	7	1·98	121 11 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	121 11 0	Chiefly forest, open, and swamp.	
E. F. Adams. Thames ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,600	3	1·2	95 8 4	..	..	..	..	..	..	..	..	..	..	95 8 4	Land Purchase Department.
C. Clayton. Taupo ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	42,316	2	0·04	85 0 0	..	..	..	..	..	..	..	..	..	..	85 0 0	Land Purchase Department; partial definition.
J. L. Tole. King Country ..	..	..	..	..	..	..	135,000	1	0·08	562 10 0	..	..	..	..	..	1	0·08	562 10 0	..	..	..	..	..	..	..	..	..	..	562 10 0	King Country surveys; costs advanced by Government.
W. Cussen. King Country ..	..	..	..	..	..	..	155,620	7	0·02	1,542 15 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,896 10 2	Ditto.
O. M. Creagh. King Country..	..	..	..	..	..	..	57,000	1	0·20	583 6 8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	740 16 8	Ditto.
W. C. Spencer. King Country	..	..	..	..	..	..	36,370	1	0·09	151 11 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	75 15 5	Ditto.
J. Rochfort. King Country ..	..	..	..	..	..	..	30,708	7	0·27	425 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	425 0 0	Ditto.
J. B. Keast. King Country ..	..	..	..	..	..	..	23,482	2	0·25	293 10 6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	97 18 0	Ditto.
J. Skinner. Taranaki ..	..	..	..	..	..	..	14,300	1	0·28	200 0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	200 0 0	Ditto.
P. E. Cheal. Piako ..	..	..	..	..	..	..	54	1	3·24	8 15 0	..	..	..	..	20,000	6	0·5	502 5 5	..	..	..	..	..	..	..	..	..	..	511 0 5	Land Purchase Department.
A. Wilson. Whangarei ..	..	..	..	..	..	..	1,085	9	2·38	122 15 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	192 7 4	Mixed forest, open, and swamp.
Grand means and totals ..	553,195	0·72	1,661 3 0	..	..	..	103,672	849	1·81	9,375 10 10	71·15	147	14·56	107 17 4	523,328	34	0·17	4,559 16 5	..	..	..	..	40·39	10·6	428 0 11	..	1,085 3 8	17,106 0 6		
Work supervised by Survey Department, but not paid for by Government ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*96,467	69	..	..	1,828	73	10·04	917 10 0	..	..	..	..	..	..	..	

LAND DISTRICT OF HAWKE'S BAY.

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