No. 8—*continued.*—RETURN of FIELD-WORK executed by STAFF and CONTRACT SURVEYORS from 1st July, 1886, to 30th June, 1887.

PROVINCIAL DISTRICT OF WESTLAND.

Surveyor and District.	Major Triangulation. Acres.	Cost per Acre.	Total Cost.	Minor Triangulation. Acres.	Cost per Acre.	Total Cost.	Topographical and Trigonometrical Survey. Acres.	Cost per Acre.	Total Cost.	Rural and Suburban. Acres.	No. of Sections.	Cost per Acre.	Total Cost.	Town Section Survey. Acres.	No. of Al. lotments.	Cost per Allotment.	Total Cost.	Native Land Court Survey. Acres.	No. of Secs. or Divs.	Cost per Acre.	Total Cost.	Gold-mining Survey. Acres.	No. of Sections.	Cost per Acre.	Total Cost.	Roads, Railways, and Water-races. Miles.	Cost per Mile.	Total Cost.	Other Work. Cost.	Total Cost of Surveyor and Party from 1st July, 1886, to 30th June, 1887.	Remarks.
		d.	£ s. d.		d.	£ s. d.		d.	£ s. d.			s.	£ s. d.			£ s. d.	£ s. d.			s.	£ s. d.			s.	£ s. d.		£ s. d.	£ s. d.	£ s. d.	£ s. d.	
W. G. Murray. Jackson's Bay circuit, Tekinga, Turiwhate, Otira, Totara, Hohonu	127,791	0·75	399 5 0	207,666	0·8	745 9 0	96,640	0·34	137 5 11	212	5	2/1·75	22 18 0	..	..	..	..	..	..	..	..	270	9	8/9½	118 11 6	..	..	..	21 0 0	1,091 13 1	Bush country, within an expensive goldfields district. One cadet of two years' service assisting.
J. N. Smyth. Waimea, Mahinapua, Kanieri, Totara	..	..	..	..	..	..	91,560	0·36	*140 17 5	780	115	5/3·9	†207 15 6	509	23	2 1 11	‡48 3 0	..	..	..	..	86	5	11/9½	0 14 0	12	4 7 4	52 8 0	175 11 6	675 9 5	All in an expensive goldfields district. Country heavily timbered.
G. J. Roberts. Jackson's Bay circuit, Mahinapua, Kanieri	..	..	150 5 6	..	..	..	..	..	100 0 0	1	1	70/	3 10 0	400	117	0 18 0	‡104 11 6	..	..	..	..	..	..	..	..	..	..	..	36 9 0	394 16 0	
Contract Surveyor.																															
E. J. Lord. Arnold	..	..	..	..	..	..	..	..	..	§115	26	5/7·8	32 10 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32 10 0	
Means and totals ..	127,791	1	549 10 6	207,666	0·8	745 9 0	188,200	0·48	378 3 4	1,109	147	4/9·7	266 13 6	909	140	1 1 9·8	152 14 6	..	..	..	..	356	14	9/6·1	169 5 6	12	4 7 4	52 8 0	233 0 6	2,194 8 6	
Less refunds, mining surveys, &c.																														200 12 9	
																														1,993 15 9	

* Inclusive of Clarke and Landsborough reconnaissance surveys by Chief Surveyor.
† Suburban sections ranging from half an acre to twelve acres each.
‡ These include standard surveys of Town of Mapourika, and part of Town of Hokitika.
§ Five-acre suburban sections within Grey Coal Reserve.

PROVINCIAL DISTRICT OF CANTERBURY.

Surveyor and District.	Major Triangulation. Acres.	Cost per Acre.	Total Cost.	Minor Triangulation. Acres.	Cost per Acre.	Total Cost.	Topographical and Trigonometrical Survey. Acres.	Cost per Acre.	Total Cost.	Rural and Suburban. Acres.	No. of Sections.	Cost per Acre.	Total Cost.	Town Section Survey. Acres.	No. of Al. lotments.	Cost per Allotment.	Total Cost.	Native Land Court Survey. Acres.	No. of Secs. or Divs.	Cost per Acre.	Total Cost.	Gold-mining Survey. Acres.	No. of Sections.	Cost per Acre.	Total Cost.	Roads, Railways, and Water-races. Miles.	Cost per Mile.	Total Cost.	Other Work. Cost.	Total Cost of Surveyor and Party from 1st July, 1886, to 30th June, 1887.	Remarks.
J. S. Welch. Akaroa	..	..	..	..	..	..	..	..	..	823	20	3/11	162 10 6	..	..	..	..	2,196	55	2/1	230 12 1	..	..	..	..	..	..	..	7 14 10	741 5 7	High hills, and intricate bush to traverse.
										*2,353	96	3/1	366 6 6																		
James Hay. Akaroa and Selwyn ..	..	..	..	..	..	..	31,297	3·1	494 1 4	521	11	2/0¾	53 17 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	150 17 6	694 19 6	Survey of Lake Ellesmere, including levels for diversion of Halswell River.
										*1,195	34	2/2	130 8 8																		
T. N. Brodrick. Ashley and Selwyn ..	..	..	..	..	..	..	81,552	1·04	326 14 0	1,775	44	1/3½	116 3 9	..	..	..	..	315	45	8/1¼	127 16 6	..	..	..	..	17	8 10 0	144 10 0	38 0 0	721 19 3	The Native Land Court surveys at Kaiapoi were very costly, owing to time lost in finding original marks. Seventeen miles road survey and river traverse.
										*27	2	3/9¾	5 3 3																		
L. O. Mathias. Ashburton	..	..	..	..	..	..	..	..	..	5,915	150	1/2	347 4 0	..	..	..	..	..	..	..	..	..	..	..	..	4	2 7 6	9 10 0	37 0 0	579 14 5	Sectional surveys included the survey of several blocks into 12-acre and 50-acre lots for village-homestead special settlements.
										*496	10	1/0¼	25 5 0																		
G. H. M. McClure. Selwyn, Ashburton, Geraldine, Mackenzie, Waimate	..	..	..	..	..	..	..	..	..	3,404	104	1/5¼	240 12 0	372	139	1 9 0	201 15 0	269	18	6/	80 18 2	..	..	..	..	1¾	4 18 4	8 12 0	40 5 0	621 10 6	A great deal of this officer's work was subdivision of land for village-homestead special settlements in small areas. Through loss of time by bad weather the Native survey at Taumutu proved very costly.
										*461	4	/8¾	16 16 2																		
Christchurch Office. Akaroa, Selwyn, Ashley, Geraldine	..	..	..	..	..	..	..	..	..	554	25	/3	6 18 6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Means and totals ..	..	..	..	..	..	..	112,849	1·55	730 15 4	17,554	500	1/8	1,480 5 9	372	139	1 9 0	201 15 0	2,780	118	3/1·9	439 6 9	..	..	..	..	22¾	7 2 11·3	162 12 0	273 19 4	3,359 9 3	
Subdivision of education reserves ..	..	..	..	..	..	..	..	..	..	6,138	50	/9¼	240 2 5																		
										23,692	550	1/5¾	1,720 8 2																		

* esurveys.

PROVINCIAL DISTRICT OF OTAGO.

Surveyor and District.	Major Triangulation. Acres.	Cost per Acre.	Total Cost.	Minor Triangulation. Acres.	Cost per Acre.	Total Cost.	Topographical and Trigonometrical Survey. Acres.	Cost per Acre.	Total Cost.	Rural and Suburban. Acres.	No. of Sections.	Cost per Acre.	Total Cost.	Town Section Survey. Acres.	No. of Al. lotments.	Cost per Allotment.	Total Cost.	Native Land Court Survey. Acres.	No. of Secs. or Divs.	Cost per Acre.	Total Cost.	Gold-mining Survey. Acres.	No. of Sections.	Cost per Acre.	Total Cost.	Roads, Railways, and Water-races. Miles.	Cost per Mile.	Total Cost.	Other Work. Cost.	Total Cost of Surveyor and Party from 1st July, 1886, to 30th June, 1887.	Remarks.
John Strauchon. Glenomaru, Catlin's, South Molyneux, Otara, Waikawa, Mokoreta	..	..	..	15,454	1·5	96 11 9	..	..	..	4,855	42	3/2¾	786 4 2	..	..	..	..	..	..	..	..	..	..	..	..	5·5	5 10 6	30 7 9	58 6 0	991 2 2	Mostly bush. District very wet, consequently very expensive to work. Surveys scattered over a wide area. In triangulation there were some very expensive bush-stations, and intervening ridges to clear. The South Molyneux Block was very expensive, being all bush, a revision of an old New Zealand Company's survey done forty years ago. Cadet over one year assisting.
D. Barron. Naseby, Maniototo, Gimmerburn, St. Bathans, Lauder, Kyeburn, Manorside, Mount Buster, Strath-Taieri, Nenthorn, Silverpeak, Tiger Hill	..	..	..	..	..	..	..	..	..	17,617	57	/9½	700 0 0	..	..	..	..	..	..	..	..	217	11	10/7¼	115 0 10	2·5	4 1 6	8 3 0	175 17 2	997 6 0	Open country within a goldfield, spread over a large district. Cadet over one year assisting.
J. Langmuir. Rankleburn, Fraser, Waikaia, Tuapeka East, Cairnhill, Benger, Teviot, Beaumont, Leaning Rock, Town of Clyde	..	..	..	..	..	..	..	..	..	2,405	49	2/9½	336 4 0	26	2 3 2 8		6 5 4	..	..	..	..	846	26	5/0¾	214 11 4	2·7	9 0 5	24 7 3	111 17 3	731 16 0	Large amount of work in dense bush; sections small. Mining surveys entailed considerable travelling. Within a goldfield. No cadet.
										*625	14	/10⅜	28 8 0																		
E. H. Wilmot. Cardrona, Shotover, Skipper's Creek, Wakefield, Lower Wanaka, Lower Hawea, Cromwell, Nokomai, Glenorchy, Woodland, Glenomaru	..	..	..	7,370	5·4	167 0 0	..	..	..	3,550	25	2/8¾	482 11 5	..	..	..	..	..	..	..	..	436	23	14/2	308 17 6	·5	17 18 0	8 19 0	65 4 6	910 0 3	Queenstown District very rough, and chiefly spotting surveys. Country at Woodland and Glenomaru all bush and very wet. Cadet one year assisting.
D. M. Calder. Kurow, Domett, Waikawa, Mokoreta	..	..	..	..	..	..	..	..	..	4,539	51	2/7⅞	508 3 3	56	41	1 0 8	43 10 0	..	..	..	..	..	..	..	..	..	..	..	..	653 12 6	Kurow and Domett Districts; open country. Waikawa and Mokoreta wholly bush and expensive owing to prevalent wet weather.
W. D. R. McCurdie. Dunedin, East Taieri, Glenomaru	..	..	..	..	..	..	..	..	..	2,000	13	2/0⅛	217 13 6	..	..	..	..	..	..	..	..	..	..	..	..	2·5	19 14 0	49 5 3	45 0 6	267 0 5	Dense bush, broken country, and much rain.
Means and totals ..	..	..	..	22,824	2·77	263 11 9	..	..	..	35,591	251	1/8⅞	3,149 4 4	82	43	1 3 2	49 15 4	..	..	..	..	1,499	60	8/6	638 9 8	13·7	8 16 9	121 2 3	456 5 5	4,550 17 4	
Contract.																															
George Mackenzie. Hawksbury ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4·3	9 8 1	40 8 8	7 10 0	47 18 8	Partly bush.
Fees.																															
George Mackenzie. Pomahaka, Catlin's, Glenomaru	..	..	..	..	..	..	..	..	..	153	3	5/10½	45 0 6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45 0 6	Bush country.
John Cumine. Akatore	..	..	..	..	..	..	..	..	..	5	1	27/7	6 18 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6 18 0	Open country.
N. Prentice. Otago Peninsula ..	..	..	..	..	..	..	..	..	..	3	1	27/3	4 3 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4 3 0	"
Means and totals ..	..	..	..	22,824	2·77	263 11 9	..	..	..	35,752	256	1/9½	3,205 5 10	82	43	1 3 1·7	49 15 4	..	..	..	..	1,499	60	8/6½	638 9 8	18	8 19 6	161 10 11	463 15 5	4,654 17 6	

* Resubdivision.