No. 7, continued.—RETURN of FIELD-WORK executed by Staff and Contract Surveyors, from 1st July, 1883, to 30th June, 1884.

PROVINCIAL DISTRICT OF OTAGO.

																								The State of the S	
Surveyor and District.	Min	Minor Triangulation.			graphical and nometrical urvey.		Rural and Suburban.				Town Section Survey.				Gold-	Mining	Survey.		Roads, Railways, and Water-races.			Other Work.	Total Cost of Surveyor and Party		
	Acres.	Cost per Acre.	Total Cos	t. Acres.	Total Co	st. Acr	No. of	Cost per Acre.	Total Cos	at.	No. of Allotments.	Cost per Allotment.	Total Cost.	Acres.	No. of Sections.	Cost per Acre.	Total	l Cost.	Miles.	Cost per Mile.	Total Cost.	Cost.	from 1st July, 1880, to 30th June, 1884.	Remarks.	
John Strauchon, Waikawa, Mokoreta, Otara, Waipahi	••	d.	£ s.	;	. £ s.	d. 13,	.577	92 s. d	1. £ s. 43 926 10	d		£ s. d.	£ s. 6	1.		s. d	1	s. d.		£ s.d.	£ s. d. 49 15 0	£ s. d. 31 9 0	£ s. d 1,007 14 (A considerable portion bush, ordinarily expensive. Wet and stormy weather was prevalent during the year—worse than ever experienced. Cadet assisting nearly two years.	
D. Barron, Blackstone, Naseby, St. Bathans, Gimmerburn, Maniototo, Upper Taieri, Mount Buster, Kye-		•		80,000 1	22 408 2	4 2,	173	27 1 '	$7\frac{1}{2}$ 176 15	6	• •	••	••	22	22 22	4 9	164	9 0			••	204 16 8	954 3 6	Open country within a gold field. Surveys scattered over an extensive district. Considerable time taken up laying off forest reserves, &c. Cadet one year assisting.	
burn, Rock and Pillar A. R. Mackay, Tiger Hill, Tarras, Leaning Rock, Nevis, Lander, Wakefield, Cromwell, Fraser, Cairnhill, Wanaka	••		••		.		122	13 4	53 27 2	8	••	••	••		8 1	5 1	11/2 2	1 0	$2\frac{1}{2}$	3 4 8	8 1 8	658 6 3	695 11 5	Within a gold field, and a very expensive district. Country all open excepting near Hawea and Wanaka Lakes. Very mountainous. Absent on leave for four months. No assistance excepting cadet draughtsman for eight months.	
George Mackenzie, Glenomaru, Catlin's, Hummock, Hummockside, Dunedin and East Taieri, Waikouaiti,			••	••	•	Ġ,	568 8	80 2 3	3§ 748 9	9 27	5 91	1 7 6	125 2	6			•	••	5 1 8	6 18 0	35 6 9	27 15 8	936 14 8	13,000 acres were bush. Land rough, and sections small and very much scattered.	
Table Hill, Greenvale, Hawkesbury, Glenkenich W. D. B. Murray, Greenvale, Wendon J. Langmuir, Beaumont, Tuapeka West, Port Chalmers E. H. Wilmot, Kawarau, Shotover, Skipper's Creek, Upper Wakatipu, Cardrona	••		••	*	. 143 10	1,	179	3 2 ($\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0		••		11		19 5		8 6		6 0 0 26 0 0	6 0 0 130 4 10		672 16 (Open country within a gold field. Transferred to Nelson in August last. Bush, and rough scrubby country. District within a gold field; very rugged and expensive to work. Spotting surveys. Field-work done of 200,000 acres triangulation, but plans not finished. Cadet ten months assisting.	
M. McNicol, Wakaia		••	••			10,	317	74 1 4	4 674 7	2	••	••	••		••	••		••	12	9 10 0	114 0 0	18 3 0	806 10 2	Nearly all hilly country and terraces, partly covered with flax and scrub, and cut up by large creeks—which had to be traversed. Cadet ten months assisting. Transferred last May to Napier.	
A. Seaton, Strath-Taieri, Nenthorn, Tuapeka West, Lindis, Hawkdun			••	60,000 1	36 339 0	0 12,	115	12 0 '	75 387 6	6 12	3 27	2 11 5	69 9	0 1	.6 1	3 1	1 3	3 0	9	2 0 0	18 0 0	, ··••		Willage allotments of from three-quarters of an acre to ten acres. Very wet when doing this work—scarcely a dry day during the month. Covered with manufacture. Triangulation work retarded by wind and snow.	
William Armstrong, Swinburn, Waihemo			••	123,553	76 393 16	$0 \begin{vmatrix} 5, \\ 9, \end{vmatrix}$	949 038	8 1 5 57 0 8	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 8		••				::	i i			••		••	348 1 1 724 8 8	Open country, and very rough. Transferred to Gisborne in November last. Open country within a gold field. Greatly hindered by wet weather and snow.	
Crown, Cromwell, Cardrona, Kawarau John Cook, Blackstone, Lauder, Sutton, Strath-Taieri, Nenthorn, Hummock, Budle, Upper Taieri, Logan- burn, Hawkdun, Lindis, Ahuriri	•	••	••	83,936 0	84 293 10	0 15,	096	91 0 '	7½ 449 10	11 2	53	0 3 11	10 11	o			•	••		••		••	753 11 11	Open country. Resurvey of part of Sutton Township. 31,000 acres topography done (not included), when accident occurred to theodolite.	
J. Campbell			••			1,	038	19 1	5 3 76 13	9 1	.2 81	0 11 1	45 0	o								••	121 13 9	Open country. Village allotments, Hawea. Within a gold field.	
J. Campbell \cdots	••		••	_					!			••		<u>!</u>			68 136				••		136 11 (0 -	
Totals	••	••	••	347,489 1	09 1,577 18	6 81	,310 50	07 1	18 4,527 16	10 48	252	0 19 10	250 2	6 7	78 59	10	8 415	12 6	$37\frac{7}{8}$	9 10 10	361 8 3	1,738 18 3	8,871 16 10	0	

^{*} Maps not quite finishe.

PROVINCIAL DISTRICT OF SOUTHLAND.

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Staff. John Hay, Longwood, Jacob's River	**		••	• •	••	• •	1,725	74 7 8	3 6	340 0 0	44	174 1	0 0	174 0	0		••	•	•	1 <u>1</u> 14	0 0	21 0 0	19 0	long traverses required. Officer on leave for a month, and laid up for three weeks owing to an accident. In progress: 15 sections (600 acres in
James Blaikie, Eyre, Mararoa, Takitimo, Waiau, Wai-	7,00	00 0.34	10 0	0			14,000	102 0 11	:3 6	558 12 4	140	69 0	13 8	47 5	0					$5\frac{1}{2}$ 12	0 0	66 0 0	••	bush); cost to date, £55 11s. Seven township allotments and 2\frac{2}{4} miles of road traverse were in bush.
raki, Oteramika, Mataura George Watson, Winton, Oreti, Hokonui, Eyre, Centre Hill			••			••	10,826	97 1 8	3.8 7	713 0 4		••	••				••					••	3 3	Fifty sections, comprising 791 acres, were in bush. Some of the surveys were in rough broken country. In progress: 21 sections, embracing 4,900 acres; cost to date, £70, £20 carried from previous year.
William Hay, Invercargill							327	58 11 10	4 1	193 17 2			••		٠			.		•••		• •	••	193 17 2 Nearly all the sections were in heavy bush. Surveyor resigned at end of September, 1883.
A. K. Robertson (temporary), Invercargill, Lindhurst, Wairio	••	•••		•		• •	2,968	25 1 0)·9 1	159 15 0			• •				••					••		159 15 0 Many of the sections were in bush, two being saw-mill areas. Party was at work from October, 1883, to February, 1884.
Fee System. George Hately, Longwood, New River, Forest Hill T. B. McNeil, Invercargill, New River, Forest Hill, Hokonui, Eyre, Mabel, Lindhurst						••	1,140 2,827	6 2 4	l 1 3·4 2	133 3 3 217 0 9			•••					i		1		••	••	133 3 3 Five saw-mill areas and one purchase. 217 0 9 Comprising 16 purchases and 2 saw-mill areas.
T. S. Miller, Wairaki, Oreti, Waiau, Wairio, Mataura William Hay, Invercargill, Mabel, Oteramika			••		- 1		851 506	12 2 0 4 2 8	$\frac{0.1}{3\frac{1}{2}}$	85 11 9 68 12 6			••				••					••	••	85 11 9 Purchases, mineral areas, &c. Comprising 2 purchases and 2 saw-mill areas.
Totals	7,00	00 0.34	10 0	0		••	35,170	396 1	7.5 2,8	869 13 1	184	243 0	18 2½	221 5	0	-	••			7 12	8 7	87 0 0	22 3	0 3,315 12 1