

Table B.
COST OF MAINTENANCE OF TELEGRAPH LINES for the Financial Year ended 30th JUNE, 1872.

SECTION.	Number of Miles.	Salaries of Linemen and Inspectors.		Travelling Expenses of Linemen and Inspectors.		Extra Labour.		Cost of Material used for Repairs.		Total Cost of Maintenance.		Cost per Mile.	
		£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Riverton to Balclutha	138	490	0 0	114	2 6	26	14 0	15	17 0	646	13 6	4	13 9
Tokomairiro to Queenstown	140	548	6 8	149	9 2	7	5 6	18	5 0	723	6 4	5	3 4
Balclutha to Waitaki, including Naseby Line	210	177	1 8	202	0 1	81	13 2	63	17 1	524	11 11	2	9 11
Waitaki to Christchurch, including Akaroa Line	198	419	4 8	188	1 9	64	6 10	50	2 6	721	15 9	3	12 11
Christchurch to Greymouth	176	402	1 8	338	15 11	62	13 7	103	16 0	907	7 2	5	3 1
Greymouth to Westport	67	150	0 0	100	10 9	16	6 0	29	0 6	295	17 3	4	8 4
Christchurch to Blenheim	208	480	2 3	193	5 0	72	3 9	29	7 3	774	18 3	3	14 6
Blenheim to Nelson, including White's Bay Line	92	292	10 0	151	1 7	73	18 6	1	0 6	518	10 7	5	12 9
Nelson to Motueka	32	...	...	...	...	...	...	...	...	...	...	*	...
Wellington to Opuake	230	473	1 0	256	0 1	165	2 7	11	3 6	905	7 2	3	18 8
Wellington to Napier	221	507	18 4	259	14 10	46	15 6	26	17 0	841	5 8	3	16 1
Napier to Tauranga	200	354	16 8	200	18 7	45	15 6	47	14 0	649	4 9	3	4 11
Tauranga to Grahamstown	73	36	13 4	23	6 11	5	0 0	...	...	65	0 3	0	17 10
Auckland to Grahamstown and Alexandra	200	645	0 0	408	16 6	212	5 5	18	19 1	1,285	1 0	6	8 6
	2,185	4,976	16 3	2,586	3 7	880	0 4	415	19 5	8,858	19 7	4	2 3†

* No cost for maintenance yet incurred. Line opened on 28th May, 1872. † Total average cost per mile.

Table C.

INSULATION TESTS of the COOK STRAIT CABLE for the Years ended 30th JUNE, 1868, 1869, 1870, 1871, and 1872, respectively, showing the Resistance per Knot after Two Minutes' Electrification in Millions of Ohms (British Association Units of Resistance).

DATE.	No. 1 Wire.		No. 2 Wire.		No. 3 Wire.		DATE.	No. 1 Wire.		No. 2 Wire.		No. 3 Wire.		DATE.	No. 1 Wire.		No. 2 Wire.		No. 3 Wire.	
	No. 1 Wire.	No. 2 Wire.	No. 1 Wire.	No. 2 Wire.	No. 1 Wire.	No. 2 Wire.		No. 1 Wire.	No. 2 Wire.	No. 1 Wire.	No. 2 Wire.	No. 1 Wire.	No. 2 Wire.		No. 1 Wire.	No. 2 Wire.	No. 1 Wire.	No. 2 Wire.	No. 1 Wire.	No. 2 Wire.
1867—							1870—							1870—						
September 1 ...	473	71	467	26	729	526	January 22 ...	526	2	865	505	10-2	1,149	July †	...	...	...	...	...	...
September 30 ...	634	102	483	30	748	417	February 22 ...	417	3	707	480	7-7	1,121	August 25	...	...	...	...	...	...
October 14 ...	547	179	562	31	950	442	March 18 ...	442	3-4	967	...	...	...	September 25	...	...	...	...	...	...
November 1 ...	598	32-6	531	14	963	344	March 20 ...	344	3-06	619	...	...	...	October †	...	...	...	...	...	...
November 14 ...	574	10-6	522	15	981	430	April 26 ...	430	8-6	812	...	...	...	November 23	...	...	...	...	...	...
December 2 ...	608	10-5	649	9	1,104	456	May 31 ...	456	4-46	871	...	...	...	December 28	...	...	...	...	...	...
			667	7	1,200	355	June 26 ...	355	2-3	622	...	...	...	1872—	...	...	...	...	...	...
			677	13	1,275	517	July 16 ...	517	3-93	893	...	...	...	January 27	...	...	...	...	...	...
1868—			754	13	1,275	473	August 16 ...	473	1-7	763	...	...	...	February 27	...	...	...	...	...	...
June 7 *	930	5-5	...	...	...	508	September 17 ...	508	8-7	1,108	...	...	...	March 31	...	...	...	...	...	...
September 11 ...	630	22-5	582	5	1,253	471	October 20 ...	471	5-5	1,069	...	...	...	April 25	...	...	...	...	...	...
September 17 ...	697	63-5	638	2-5	1,169	...	...	...	...	...	...	...	...	May 28	...	...	...	...	...	...
														June 22	...	...	...	...	...	...

* This test was taken with zinc to earth; all the others with copper to earth. † No test taken.