

Table No. 24.

INSULATION TESTS of the FIRST and SECOND COOK STRAIT CABLES for the Year ended 31st December, 1883, showing the Resistance per Knot after Two Minutes' Electrification in Megohms (British Association Units of Resistance).

First Cook Strait Cable.				No. 1 Wire.	No. 2 Wire.	No. 3 Wire.	Second Cook Strait Cable.				Dielectric Resistance per Knot.
January	..	..	..	154	203	373	January	..	..	..	1,042
February	..	..	..	153	200	382	February	..	..	..	935
March	..	..	..	153	208	376	March	..	..	..	1,276
April	..	..	..	145	198	378	April	..	..	..	1,263
May	..	..	..	190	243	448	May	..	..	..	1,137
June	..	..	..	163	211	364	June	..	..	..	1,114
July	..	..	..	182	228	409	July	..	..	..	1,227
August	..	..	..	190	235	421	August	..	..	..	1,432
September	..	..	..	184	285	400	September	..	..	..	1,313
October	..	..	..	171	212	397	October	..	..	..	1,342
November	..	..	..	186	223	421	November	..	..	..	1,432
December	..	..	..	160	193	366	December	..	..	..	1,203

Table No. 25.

INSULATION TESTS of the WANGANUI and WAKAPUAKA CABLE for the Year ended 31st December, 1883, showing the Resistance per Knot after Ten Minutes' Electrification in Megohms (British Association Units of Resistance). Length of Cable laid, 108.69 Knots.

Date.							Dielectric Resistance per Knot.	Copper Resistance per Knot in Ohms.	Mean Temperature of Sea-bottom calculated from the Observed C.R.
							Twenty Cells.		Deg. Fahr.
January	..	..	..	..	..	..	4,433	10.99	58.5
February	..	..	..	..	..	..	3,814	11.02	60
March	..	..	..	..	..	..	3,352	11.04	61
April	..	..	..	..	..	..	3,959	11.01	59
May	..	..	..	..	..	..	3,933	11.02	60
June	..	..	..	..	..	..	4,185	11.02	60
July	..	..	..	..	..	..	5,366	10.99	58.5
August	..	..	..	..	..	..	6,189	11.02	60
September	..	..	..	..	..	..	6,351	10.97	57.5
October	..	..	..	..	..	..	5,768	10.99	58.5
November	..	..	..	..	..	..	5,814	10.95	56
December	..	..	..	..	..	..	4,972	10.95	56