

Table No. 22.

INSULATION TESTS of the FIRST and SECOND COOK STRAIT CABLES for the Year ended 31st December, 1887, 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	..	..	..	132	149	311	January	..	..	..	444
February	..	..	..	135	148	271	February	..	..	..	406
March	..	..	..	126	145	259	March	..	..	..	362
April	..	..	..	129	149	270	April	..	..	..	373
May	..	..	..	143	174	297	May	..	..	..	303
June	..	..	..	140	169	289	June	..	..	..	295
July	..	..	..	140	174	282	July	..	..	..	282
August	..	..	..	150	176	296	August	..	..	..	260
September	..	..	..	146	173	284	September	..	..	..	281
October	..	..	..	149	167	271	October	..	..	..	226
November	..	..	..	132	159	262	November	..	..	..	213
December	..	..	..	134	167	266	December	..	..	..	184

Table No. 23.

INSULATION TESTS of the WANGANUI and WAKAPUAKA CABLE for the Year ended 31st December, 1887, 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	..	..	..	..	..	..	5,159	10.94	56
February	..	..	..	..	..	..	3,512	11.0	59
March	..	..	..	..	..	..	3,837	11.09	62.75
April	..	..	..	..	..	..	3,920	11.06	61.8
May	..	..	..	..	..	..	5,198	11.0	59
June	..	..	..	..	..	..	5,789	11.04	60.9
July	..	..	..	..	..	..	5,300	10.95	57
August	..	..	..	..	..	..	3,360	10.89	54.01
September	..	..	..	..	..	..	8,225	10.92	55.4
October	..	..	..	..	..	..	5,725	10.98	58
November	..	..	..	..	..	..	5,856	10.95	57
December	..	..	..	..	..	..	6,023	10.95	57