

	Lab. No.	Material	<sup>14</sup> C age ( $\pm 1\sigma$ )	Calibrated age, BP ( $\pm 1\sigma$ )
<b>Otamangakau</b>				
31 cm		Mangamate Tephra <sup>1</sup>	9780 $\pm$ 170	11,155 $\pm$ 393
56.5 cm	Wk-8032	Peat	10,370 $\pm$ 60	12,291 $\pm$ 319
109.5 cm	Wk-8031	Wood	11,150 $\pm$ 70	13,014 $\pm$ 99
132.5 cm	Wk-8030	Wood	11,040 $\pm$ 70	13103 $\pm$ 64
153 cm		Waiohau Tephra <sup>2</sup>	11,850 $\pm$ 60	13,842 $\pm$ 224
179 cm		Rotoaira Lapilli <sup>1</sup>	13,770 $\pm$ 300	16 386 $\pm$ 363
215.5 cm	NZ-1774	Peat	14,020 $\pm$ 250	16 926 $\pm$ 335
<b>Durham Road</b>				
22.5 cm	NZ-5409	Peat	9280 $\pm$ 130	10,442 $\pm$ 195
42.5 cm	Wk-8027	Wood	10,420 $\pm$ 330	11,918 $\pm$ 478
72.5 cm	NZ-5410	Peat	10,500 $\pm$ 150	12,580 $\pm$ 258
97.5 cm	Wk-8028	Wood	11,160 $\pm$ 300	13,178 $\pm$ 274
142.5 cm	Wk-8029	Wood	12,680 $\pm$ 260	14,578 $\pm$ 395
192.5 cm	NZ-5411	Peat	12,900 $\pm$ 200	15,490 $\pm$ 375
225 cm	NZ-5412	Peat	13,150 $\pm$ 200	15,894 $\pm$ 283
<b>Kettlehole Bog</b>				
79.5 cm	NZA-13341	Pollen	6456 $\pm$ 60	7373 $\pm$ 53
95.5 cm	NZA-13342	Pollen	8770 $\pm$ 75	9855 $\pm$ 250
114.5 cm	NZA-8352/-8566	Wood	9253 $\pm$ 46	10,393 $\pm$ 107
143.5 cm	NZA-8784	Terrestrial plant material	9456 $\pm$ 61	10,810 $\pm$ 232
193.5 cm	NZA-8785	Terrestrial plant material	9968 $\pm$ 70	11,393 $\pm$ 159

295.5 cm	NZA-11217	Pollen	10,542 ± 61	12,586 ± 240
340.5 cm	NZA-8354	Plant material	11,506 ± 74	13,495 ± 299
375.5 cm	NZA-13351	Pollen	12,325 ± 70	14,632 ± 5 19
395.5 cm	NZA-13343	Pollen	13,584 ± 65	16,312 ± 241
<b>Lake Doubtful</b>				
189.5 cm	Wk-8034	Moss	10,780 ± 60	12,686 ± 54
306.0 cm	Wk-8035	Moss	10,660 ± 60	12,785 ± 75
454.0 cm	Wk-8036	Wood	11,860 ± 140	Not calibrated- reworked
773.0 cm	Wk-8037	Wood	10,780 ± 60	12,861 ± 55
817.0 cm	Wk-8038	Wood	10,730 ± 60	12,911 ± 54

<sup>1</sup>Donoghue, S.L., Neall, V.E., and Palmer, A.S., 1995. Stratigraphy and chronology of late Quaternary andesitic tephra deposits, Tongariro Volcanic Centre, New Zealand: Royal Society of New Zealand Journal, v. 25, p. 115–206.

<sup>2</sup>Froggatt, P.C., and Lowe, D.J., 1990, A review of late Quaternary silicic and some other tephra formations from New Zealand: their stratigraphy, nomenclature, distribution, volume and age: New Zealand Journal of Geology and Geophysics, v. 33, p. 89–109.