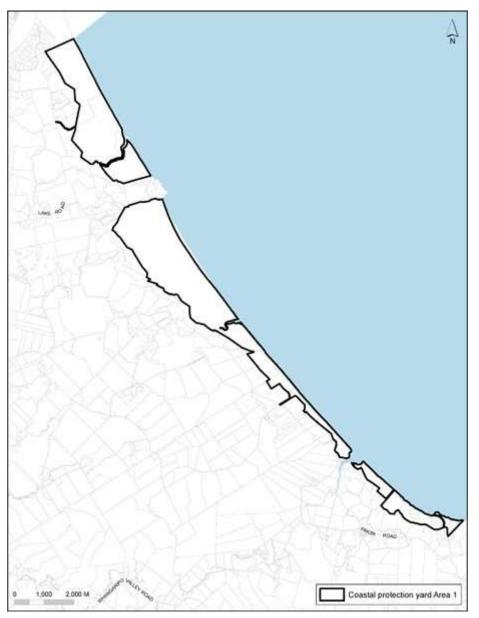
Appendix 6 Coastal protection yard

1. Coastal Protection Yard Area 1

For the area identified in Map 1 as Area 1 a 200m Coastal Protection Yard will apply.





2. Coastal Protection Yard Area 2

For the area identified in Map 2 as Area 2 the coastal protection yard width will apply as outlined the following tables below:

- Table 1 North Head to Narrow Neck
- Table 2 Narrow Neck to Milford
- Table 3 Milford to Long Bay
- Table 4 Long Bay to Okura River
- Table 5 Torpedo Bay to Esmonde Road
- Table 6 Northcote Point to Hellyers Creek
- Table 7 Hellyers Creek to Greenhithe

For clarity, the text in brackets identifies that the coastal protection yard distance applies between the first property listed and the second property listed for the section.

The coastal protection yard is measured from mean high water springs, except where stated in Tables 1 - 7 below. Where the yard is measured from the Reference Line please refer to maps 3A - 3J.

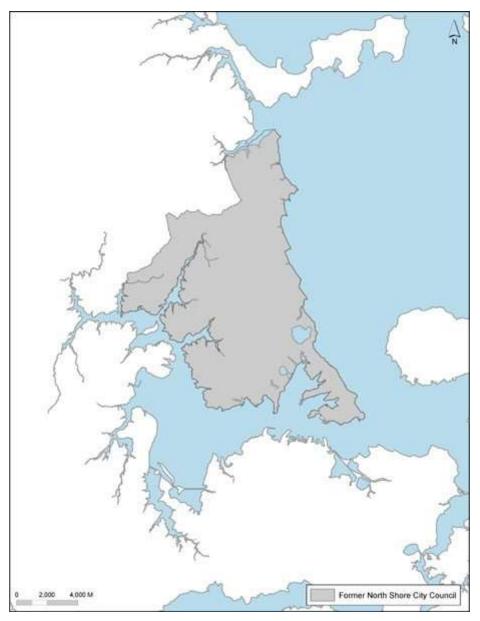




Table 1 North Head to Narrow Neck

Location	Coastal Protection Yard	Measured from
Torpedo Wharf - North Head	9m	Mean high
(28A Jubilee Ave, Lot 3 DP 18776 - 38 Jubilee Ave, Pt Lot 14 DP 12834)		water springs
North Head Reserve	20m	Mean high
(Lot 38 Sec 2 SO 16721)		water springs
North Head Reserve - Cheltenham Rd	3m*	Reference
(18 Macky Ave, Pt Lot 10 DP 17548 - 44 Cheltenham Rd, Pt Allot 12A section 2 Parish of Takapuna)		Line (Map 3H)
Cheltenham Rd - 1 Bath St	9m*	Reference
(33 Cheltenham Rd, Pt Lot 4 DP 4168 - 1 Bath St, Lot 2 DP 20052)		Line (Map 3H)
84A Vauxhall Rd - 116A Vauxhall Rd	15m	Mean high
(84A Vauxhall Rd, Lot 2 DP 20525 - 116A Vauxhall Rd, Lot 1 DP 51927)		water springs
118 Vauxhall Rd - 128 Vauxhall Rd	20m	Mean high
(118 Vauxhall Rd, Lot 1 DP 56357 - 128 Vauxhall Rd, Lot 3 DP 50680)		water springs
Fort Cautley	30m	Mean high
(Reserve, Sec 1 SO 69845 - Reserve, Sec 3 SO 69845)		water springs

Table 2 Narrow Neck to Milford

Location	Coastal Protection Yard	Measured from
Narrow NeckBeach	9m	Mean high
(Narrow Neck Reserve, Pt Allot 3 Sec 2 Parish of Takapuna - 4 Old Lake Rd, Lot 1 DP 57318)		water springs
Narrow Neck - George Gair Lookout	20m	Mean high
(2 Hamania St, Lot 1 DP 8411 - reserve seaward of 18 Winscombe St, Lot 3 DP 103959)		water springs
George Gair Lookout - Takapuna Grammar School	30m	Mean high water springs
(Southern boundary of George Gair Lookout to northern boundary of Takapuna Grammar School)		
Takapuna Grammar School - 7 Clifton Rd	20m	Mean high
(4 St Leonards Rd, Lot 1 DP 40077 - reserve seaward of 7 Clifton Rd, Lot 3 DP 95714)		water springs
9C Clifton Rd - Hauraki Rd	15m	Mean high
(9C Clifton Rd, Lot 3A DP 3060 - 45 Clifton Rd, Lot 1 DP 12281)		water springs
Takapuna Beach - The Promenade	9m	Reference
(50 Hauraki Rd, Lot 1 DP 118997 - reserve, Allot 581 Parish of Takapuna)		Line (Map 3E – 3G)
The Promenade - Caravan Park	9m	Reference
(Recreation reserve, Lot 1 DP 172522)		Line (Map
		3E)
24 Earnoch Ave - 20 Earnoch Ave	7m	Reference
(24 Earnoch Ave, Lot 16 DP 6805 - 20 Earnoch Ave, Lot 14 DP 6805)		Line (Map 3E)
17 Brett Ave - 10 Brett Ave	5m	Reference
(17 Brett Ave, Lot 11 DP 10957 - 10 Brett Ave, Lot 1 DP 124426)		Line (Map 3E)
10 Brett Ave - O'Neills Ave	9m	Reference
(10 Brett Ave, Lot 1 DP 124426 - 23 O'Neills Ave, Lot 21 DP 15066)		Line (Map 3E)
O'Neills Ave - 20A Minnehaha Ave	5m	Reference

Location	Coastal Protection Yard	Measured from
(22 O'Neills Ave, Lot 2 DP 27486 - 20A Minnehaha Ave, Lot 2 DP 25770)		Line (Map 3E)
16 Minnehaha Ave (16 Minnehaha Ave, Lot 2 DP 30110)	0m	Reference Line (Map 3E)
8 Minnehaha Ave - 237 Hurstmere Rd (8 Minnehaha Ave, Pt Lot 19 DP 7523 - 237 Hurstmere Rd, Lot 2 DP 192986)	5m	Reference Line (Map 3D -3E)
239 Hurstmere Rd - Black Rock (239 Hurstmere Rd, Lot 9 DP 7523 - 9 Kitchener Rd, Lot 1 DP 26028)	9m	Reference Line (Map 3D)
Black Rock - Ocean View Road (15 Kitchener Rd, Lot 1 DP 29931 - 39 Ocean View Rd, Pt Lot 19 DP 6892)	9m	Reference Line (Map 3C)
46 Ocean View Rd - 42 Ocean View Rd (46 Ocean View Rd, Lot 22 DP 6859 - 42 Ocean View Rd, Lot 20 DP 6859)	10.5m	Reference Line (Map 3C)
39 Saltburn Rd - Milford Reserve (39 Saltburn Rd, Lot 1 DP 33909 - Milford Reserve, Lot 76 DP 12137)	9m	Reference Line (Map 3B – 3C)
Wairau Creek (Milford Reserve - East Coast Rd - Beach Rd) (Milford Reserve, Lot 1 DP 163726 - 8 Beach Rd, Lot 2 DP 65215)	9m	Mean high water springs

Table 3 Milford to Long Bay

Location	Coastal Protection Yard	Measured from
Castor Bay Beach	9m	Mean high
(11 The Esplanade, Lot 2 DP 105098 - 12 The Esplanade, Lot 4 DP 8563)		water springs
Rahopara Historic Reserve - Kennedy Park	25m	Mean high
(Reserve, Lot 8 DP 8563 - North edge of KennedyPark)		water springs
North edge of Kennedy Park - Campbells Bay	20m	Mean high water springs
(149 Beach Rd, Lot 2 DP 176897 - 15 Huntly Rd, Lot 1 DP 168662)		
Campbells Bay Beach	9m	Reference
(17 Huntly Rd, Pt Lot 35 DP 9328 - 19 View		Line (Map
Rd, Lot 2 DP 87988)		3A)
Campbells Bay - Mairangi Bay	15m	Mean high
(21 View Rd, Lot 1 DP 204208 - 30 Whitby Cres, Lot 2 DP 16953)		water springs
Mairangi Bay Beach	9m	Mean high
(28 Whitby Cres, Lot 1 DP 16953 - 15 Montrose Tce, Lot 153 DP 13311)		water springs
Mairangi Bay - Murrays Bay	20m	Mean high
(13 Montrose Tce, Pt Lot 152 DP 13311 - 19 Bournemouth Tce, Lot 1 DP 63198)		water springs
Murrays Bay Beach	9m	Mean high
(23 Bournemouth Tce, Lot 1 DP 94802 - Eastern end of Torquay)		water springs
Murrays Bay - Rothesay Bay	20m	Mean high
(Reserve at end of Torquay, Lot 196 DP 36101 - 39 Rothesay Bay Rd, 39 Rothesay Bay Rd, Lot 2 DP 41015)		water springs
South end Rothesay Bay	15m	Mean high
(43 Rothesay Bay Rd, Lot 2 DP 49288 - 59 Rothesay Bay Rd, Lot 5 DP 16848)		water springs
Rothesay Bay Beach	9m	Mean high
(63 Rothesay Bay Rd, Lot 4 DP 16848 -		water springs

Location	Coastal Protection Yard	Measured from
RothesayBay Reserve, Lot 22 DP 27883)		
Rothesay Bay - Browns Bay	15m	Mean high
(58 Masterton Rd, Lot 30 DP 20351 - 40 Beechwood Rd, Lot 3 DP 84701)		water springs
Browns Bay Beach	9m	Mean high
(2 Browns Bay Rd, Lot 1 DP 96134 - 19 Clifton Rd, Lot 156 DP 15649)		water springs
Tipau Point	15m	Mean high
(62 Sharon Rd, Lot 2 DP 56963 - 40A Sharon Rd, Lot 3 DP 156897)		water springs
38 Sharon Rd - 8 Sharon Rd	20m	Mean high
(38 Sharon Rd, Lot 119 DP 15649 - 8 Sharon Rd, Lot 266 DP 17345)		water springs
6 Sharon Road - Waiake Beach	15m	Mean high
(6 Sharon Road, Lot 265 DP 17345 - 927 Beach Rd, Pt Lot 2 DP 18873)		water springs
Deep Creek	20m	Mean high
(Beach Rd - Deep Creek Rd - Beach Rd) (948 Beach Rd, Lot 27 DP 47622 - 950 Beach Rd, Lot 2 DP 59911)		water springs
Waiake Beach - Cliff Rd	15m	Mean high
(1 Waiake St, Lot 1 DP 36757 - 77 Cliff Rd, Lot 2 DP 67375)		water springs
Cliff Rd - Long Bay	20m	Mean high
(Reserve on western boundary of 80 Cliff Rd, Pt Allot 189 Parish of Takapuna - Beach Rd end)		water springs

Table 4 Long Bay to Okura River

Location	Coastal Protection Yard	Measured from
Long Bay - Okura River Rd (Long Bay Regional Park, Lot 1 DP 54616 - 8 Okura River Rd, Lot 1 DP 70716)	30m	Mean high water springs
Okura Settlement (1 Okura River Rd, Lot 4 DP 62121 - 16 Valerie Cres, Lot 39 DP 55648)	20m	Mean high water springs
Upper Okura River (29 Gails Dr, Lot 1 DP 68216 - 39 Gails Dr, Lot 6 DP 68216)	30m	Mean high water springs

Table 5 Torpedo Bay to Esmonde Road

Location	Coastal Protection Yard	Measured from
Torpedo Wharf - HMS Philomel	9m	Mean high
(64 King Edward Parade, Pt Allot 13A Sec 2 Parish of Takapuna - MHS Philomel, Pt Allot 33 Sec 2 Parish of Takapuna)		water springs
Navy Dockyard	0m	Mean high
		water springs
Navy Dockyard - 15A Stanley Point Rd	9m	Mean high
(145 Calliope Rd, Pt Lot 92 DP 1055 - 15A Stanley Point Rd, Lot 2 DP 50944)		water springs
17 Stanley Point Rd - 85A Stanley Pt Rd	20m	Mean high
(17 Stanley Point Rd, Pt Lot 2 DP 3968 - 85A Stanley Pt Rd, Pt Lot 5 DP 16607)		water springs
87 Stanley Point Rd - Naval Sports Fields	15m	Mean high
(Reserve east of 87 Stanley Point Rd, Lot 7 DP 26846 - 8 Stanley Point Rd, Lot 4 DP 17483)		water springs
Naval Sports Fields and Jim Titchener	20m	Mean high
Parade		water springs
(Stanley Bay Park, Pt Harbour Bed DP 15479 – Pt Harbour Bed SO 36655, Defence Purposes Gazette 1958 page 410)		
Rat Island	Refer to N	/lap 3J
(Pt Harbour Bed SO 36655, Defence Purposes Gazette 1958 page 410)		
Abbotsford Tce - Victoria St	9m	Mean high
(36 Abbotsford Tce, Lot 3 DP 17678 - 217 Victoria Rd, Lot 1 DP 9055)		water springs
Lake Road Reclamation	30m	Mean high
(Lot 1 DP 77578 - Lot 1 DP 171325)		water springs
Lake Road - Wesley Street	20m	Mean high
(Defence land, Lot 5 DP 20927)		water springs
Wesley Street - Duders Point	15m	Mean high
(1 Wesley St, Lot 2 DP 58360 - 83 Ngataringa Rd, Lot 55 DP 21369)		water springs

Location	Coastal Protection Yard	Measured from
Duders Point - Kawerau Ave	9m	Mean high
(96 Ngataringa Rd, Lot 1 DP 50354 - 56 Kawarau Ave, Lot 44B Blk A Deeds 1010)	511	water springs
Kawarau Ave - Lansdowne St	15m	Mean high
(Reserve west of 44 Kawarau Ave, Lot 92 DP 19859 - 11 Lansdowne St, Pt Lot 2 DP 9564)		water springs
Lansdowne St - Eversleigh Rd	9m	Mean high
(15 Lansdowne St, Pt Lot 2 DP 9564 - 118 Eversleigh Rd, Lot 5 DP 58210)		water springs
Hillary Cres	20m	Mean high
(101 Eversleigh Rd, Lot 1 DP 59719 - reserve west of 43A Northboro Rd, Lot 16 DP 15100)		water springs
Northboro Rd - Francis St	9m	Mean high
(37 Northboro Rd, Lot 1 DP 157908 - 96 Francis St, Lot 18 DP 33263)		water springs
Francis St - Jutland Rd	20m	Mean high
(99 Francis St, Lot 1 DP 66316 - reserve west of 94 Jutland Rd, Lot 47 DP 40748)		water springs
Jutland Road - Esmonde Rd	9m	Mean high
(6 Pine Ridge Tce, Lot 32 DP 40751 - 44 Esmonde Rd, Pt Lot 72 deeds 1166)		water springs
Takapuna Assembly of God	20m	Mean high
(Pt Allot 32 Parish of Takapuna)		water springs
Esmonde Rd - Pupuke Rd - Barrys Point Industrial Area (49 Esmonde Rd, Pt Lot 112 deeds 1166 - 74 Barrys Point Rd, Pt Lot 2 DP 486	9m	Mean high water springs
Tuff Crater	20m	Mean high
(Northern Motorway - Heath Reserve) (26 The Warehouse Way, Lot 4 DP 177549 - 164 Exmouth Rd, Lot 95 DP 50230)	2011	water springs
Tarahanga St - Lake Rd - Onewa Rd - Stafford Park	20m	Mean high water springs
(21 Tarahanga St, Lot 21 DP 110590 -		

Location	Coastal Protection Yard	Measured from
StaffordPark, Lot 1 DP 197106)		

Table 6 Northcote Point to Hellyers Creek

Location	Coastal Protection Yard	Measured from
Stokes Point - Birkenhead Wharf	15m	Mean high
(9 Princes St, Pt Lot 63 town of Woodside – HinemoaPark, Lot 1 DP 174058)		water springs
Birkenhead Wharf - Chelsea Bay	20m	Mean high
(2 Tizard Rd, Lot 23 DP 14016 - 24 Maunganui Rd, Lot 32 Blk II DP 804)		water springs
Telephone Rd - Reserve, Chelsea Bay	9m	Mean high
(33 Telephone Rd, Lot 42 DP 73425 - Reserve, Lot 4 DP 25092)		water springs
58 Rawene Rd	1.2m	Reference
(58 Rawene Rd, Lots 43 & 44, Deeds Plan 358R and being Part Allotment 64 Parish of Takapuna, CT 568/ 1114)		Line (Map 3I)
Rawene Rd - unformed	9m	Mean high water springs
Chelsea Sugar Refinery - Onetaunga Wharf	30m	Mean high water springs
Onetaunga Wharf	0m	Mean high
(From 75m south of the wharf to 350m north of the wharf)		water springs
Onetaunga Wharf - Kauri Point Domain	30m	Mean high water springs
Balmain Rd - Fred Andersen Reserve	25m	Mean high
(167 Balmain Rd, Pt Allot 148 Parish of Takapuna – 106 Island Bay Rd, Lot 1 DP 32396)		water springs
Fred Andersen Reserve - Island Bay	9m	Mean high
(6 Valhalla Drive, Lot 9 DP 50104 - 12 Brigantine Drive, Lot 44 DP 60244)		water springs
Island Bay - Aeroview Drive	15m	Mean high
(14 Brigantine Drive, Lot 43 DP 60244 - 107 Aeroview Drive, Lot 48 DP 56178)		water springs
Aeroview Dr - Tui Park	12m	Mean high
(105 Aeroview Drive, Lot 15 DP 56178 - 64		water springs

Location	Coastal Protection Yard	Measured from
Rambler Cres, Lot 1 DP 111858)		
Tui Park	20m	Mean high water springs
Gazelle Ave - Cresta Ave	9m	Mean high
(41 Gazelle Ave, Lot 1 DP 52502 - 52 Cresta Ave, Lot 154 DP 20048)		water springs
Shepherds Park - Kahika Pt Reserve	20m	Mean high
(ShepherdsPark - 28 Bay Park Place, Lot 2 DP 173430)		water springs
Kahika Pt Reserve - Lauderdale Reserve	9m	Mean high
(14 Kahika Rd, Lot 1 DP 72063 - 17 Lauderdale Rd, Lot 164 DP 48720)		water springs
Lauderdale Reserve - Glendhu Rd	20m	Mean high
(Eskdale Bush Scenic Reserve, Lot 79 DP 53235 – 138 Lynn Rd, Lot 44 DP 79496)		water springs

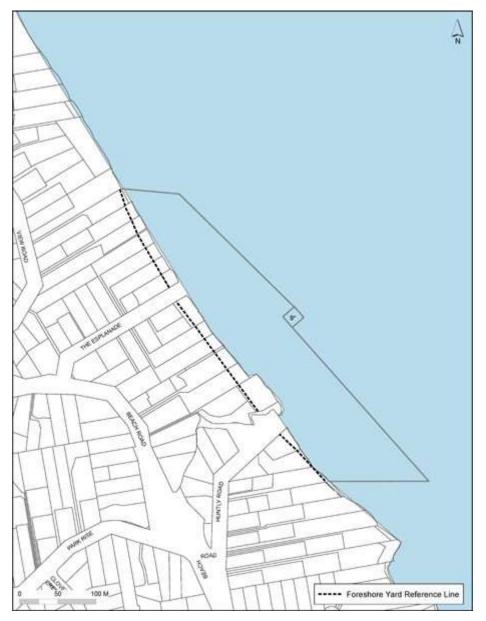
Table 7 Hellyers Creek to Greenhithe

Location	Coastal Protection Yard	Measured from
Hellyers Creek	30m	Mean high
(Glendhu Rd - UpperHarbourBridge) (Reserve at end of Glendhu Rd, Lot 14 DP 107773 - Reserve east of Upper Harbour Bridge, Allot 663 Parish of Paremoremo)		water springs
Upper Harbour Bridge - Marae Pt	20m	Mean high
(16 The Knoll, Lot 16 DP 160724 - 40 Marae Rd, Lot 37 DP 23734)		water springs
Marae Pt - Rahui Bay	25m	Mean high
(Marae Reserve, Lot 2 DP 119477 - 29 Marae Rd, Lot 31 DP 23734)		water springs
Rahui Bay - 15 Rahui Rd	9m	Mean high
(27 Marae Rd, Lot 30 DP 23734 - 15 Rahui Rd, Lot 8 DP 15336)		water springs
20 Rame Rd - Rame Rd end	20m	Mean high
(20 Rame Rd, Lot 3 DP 153363 - 80 Rame Rd, Lot 9 DP 9092)		water springs
Rame Rd end - 17 Waipuia Place	15m	Mean high
(99 Rame Rd, Pt Lot 1 DP 57306 - 17 Waipuia Place, Lot 42 DP 85402)		water springs
29 Oscar Rd - Churchouse Rd	9m	Mean high
(29 Oscar Rd, Lot 44 DP 13702 - 73 Churchouse Rd, Lot 2 DP 62221, extending down Lucas Creek to include 73 Roland Rd, Lot 37 DP 13702 and 53 Churchouse Rd, Lot 2 DP 157024)		water springs
Wainoni Park	30m	Mean high
(76 Churchouse Rd, Lot 1 DP 115960 - WainoniPark)		water springs
Te Wharau Creek - North Shore Golf Club	30m	Mean high
(Eastern boundary of WainoniPark - Northern boundary of the Golf Club, Pt Lot 5 DP 846)		water springs
North Shore Golf Club - Lucas Creek	20m	Mean high
West Bank (Northern boundary of the Golf Club, Pt Allot 37 Parish of Paremoremo -		water springs

Location	Coastal Protection Yard	Measured from
along both arms of Oteha Stream to Albany Highway - LucasCreek on State Highway 17 - 61 The Avenue, Pt Allot 31 parish of Paremoremo)		
Lucas Creek West Bank - Chatham Road Subdivision	30m	Mean high water springs
(65 The Avenue, Lot 2 DP 117562 - 39 Chatham Rd, Lot 24 DP 18517)		
Chatham Road Subdivision	15m	Mean high
(41 Chatham Rd, Lot 23 DP 18517 - 59 Chatham Rd, Lot 18 DP 18517)		water springs
Chatham Road - Paremoremo Creek	30m	Mean high
(Chatham Rd, Lot 17 DP 18517 - 54 Iona Ave, Pt Allot 7 Parish of Paremoremo)		water springs

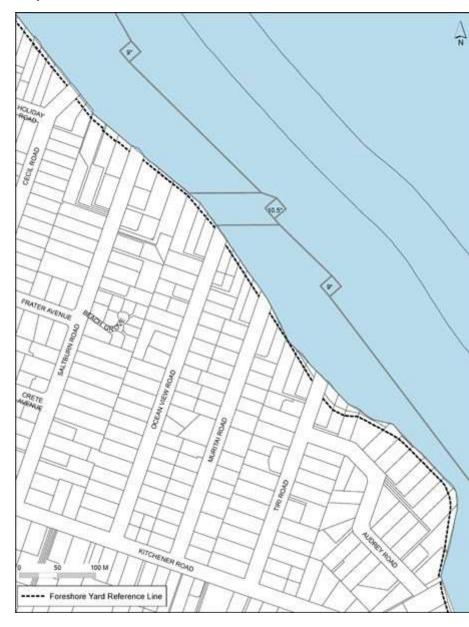
3. Maps showing foreshore reference line



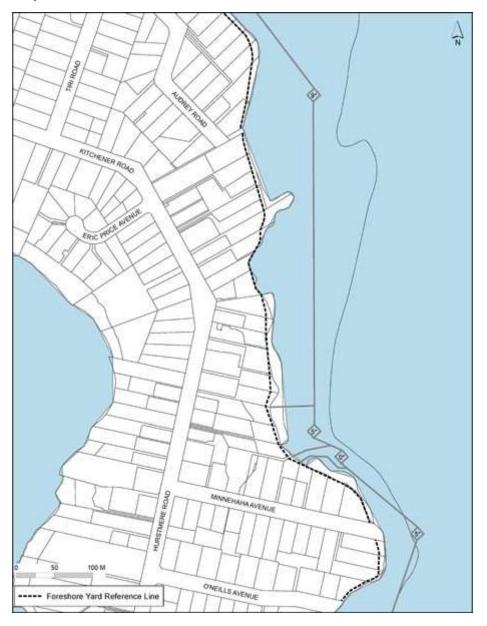




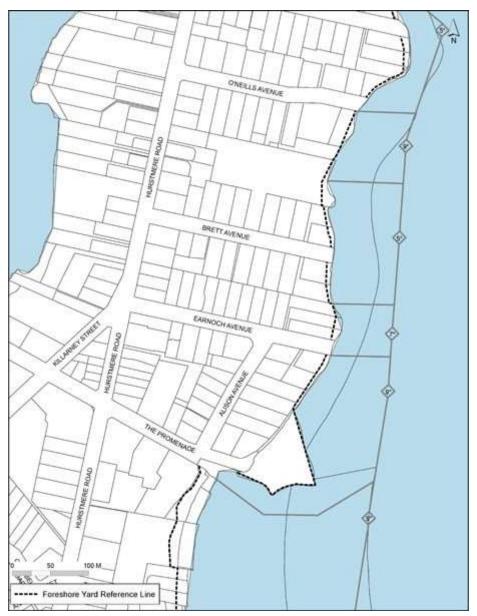
Map 3B: Milford Beach



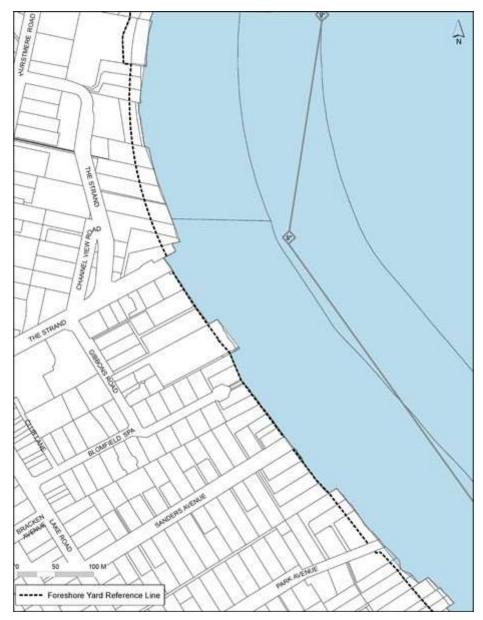
Map 3C: Milford Beach



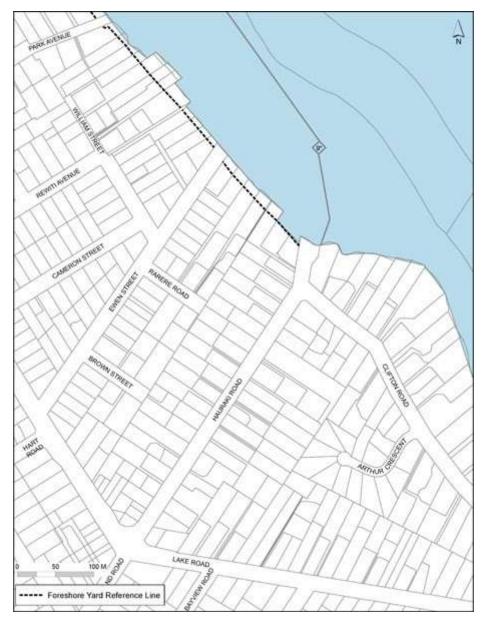
Map 3D: Milford Beach / Black Rock



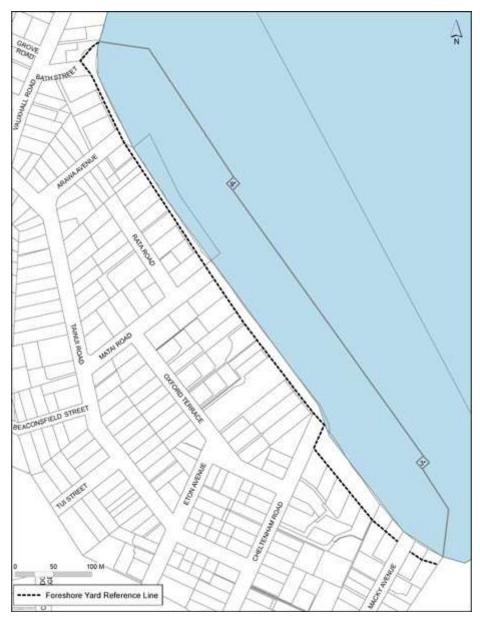
Map 3E: Thornes Bay / Takapuna Beach



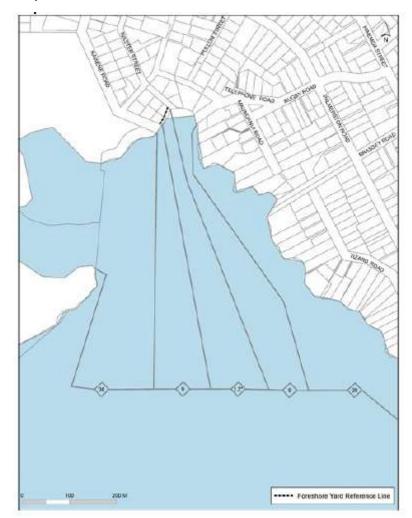
Map 3F: Takapuna Beach







Map 3H: Cheltenham Beach



Map 3I: Birkenhead



