



**Plate 14** Site 103, Caroline Bay, Timaru, 14 May 1992, rated 30. This sandy beach site, while exhibiting accretion, is low-lying, inundated by storm wave run-up and experiences high fluctuations.



**Plate 15** The head of Pauatahanui Inlet, Site 39, Pauatahanui Wildlife Management Reserve, Wellington, 20 March 1992, rated 26. This low-lying shelly gravel ridge backed by a saltmarsh is found within sheltered estuarine conditions which contribute to low levels of storm wave run-up and very small short-term fluctuations.



**Plate 16** Looking north of Site 13, high cliffs north of the Kaiwhata River, Wairarapa, east coast, 11 March 1992, rated 26. This site is characterised by eroding, steep gradient, high cliffs composed of mudstones which are susceptible to large slumps resulting in the retreat of the cliff top by over 30 m.



**Plate 17** Looking south of Site 23, Te Horo beach, Kapiti Coast, 13 March 1992, rated 25. This accreting sandy beach has a low foredune that has not been overtopped by recorded storm wave run-up levels, but does experience high short-term fluctuations.

*Medium (rated 21-27)*

These sites exhibit moderate rates of erosion or accretion, low to moderate short-term fluctuations, moderate to high elevations and may be composed of a variety of types. (Plates 15, 16, and 17)

*Low (rated 14-20)*

Low sensitivity areas exhibit a wide range of rock types but are generally characterised by moderate to high elevations, are not susceptible to overtopping by storm wave run-up and may be accreting or eroding at very low to low rates. (Plates 18 and 19)

*Very low (rated 8-13)*

These sites are typically characterised by high elevations, steep gradients, very hard rock composition, very low erosion rates and no short-term fluctuations. (Plates 20 and 21)



**Plate 18** Photo taken 27 March 1992 of Site 48, Waipipi Wharf Rd, Manakau Harbour, Franklin District, rated 19. the low rating reflects the moderate elevation, low storm wave run-up (due to its sheltered nature), and the steep gradient of the soft rock, Pliocene sand cliffs. The site experiences small short-term fluctuations and a low erosion rate.



**Plate 19 Photo taken 2 April 1992 of Site 71, Whanarua Bay, Eastern Bay of Plenty, rated 14. Whanarua Bay is composed of steep greywacke hard rock and platforms, which are eroding very slowly and are not to slumps or fluctuations.**



**Plate 20 Photo taken 4 April 1992 looking east at Site 96, Whangamata upper harbour, Coromandel, rated 11. This area rates very low owing to its steep, hard rock nature, and its situation within the sheltered confines of the Whangamata Harbour. It is not susceptible to inundation by storm wave run-up or short-term fluctuations or failures.**