

## **4.0 Coastal Hazard Delineation**

### **4.1 Shoreline Behaviour Units (SBU)**

The shoreline has been divided into the following categories:

- Gravel beaches,
- Sand beaches,
- Cliff shores, and
- River mouth spit/barrier beach.

Figures 4.1 to 4.4 show the delineation of Shoreline Behaviour Units.

Where cliffs are within 80 m of the high water mark (or the LINZ 1: 50,000 topographic map coastline where aerial photographs were unavailable), the shorelines have been defined as cliff shores. This mainly applies to shoreline areas south of Cape Kidnappers, the Tangoio cliff area and around the Mahia Peninsula.

### **4.2 Land Use**

Land use areas have been divided into three main categories:

- Residential/industrial,
- Reserves (including recreation, esplanade, nature), and
- Rural.

The Residential/Industrial land use area was defined using either digital or hard copy zoning maps supplied by Central Hawke's Bay District Council, Hastings District Council, Napier City Council and Wairoa District Council. As each council has different nomenclature and range of zones, a list of the specific zones from each TLA included in the Residential/Industrial classification is provided in Table 4.1.

Table 4.1 Zones Included in Residential/Industrial Land Use Area According to Territorial Local Authority		
Territorial Local Authority	Residential/Industrial Area Classifications	Source of Boundaries
Central Hawke's Bay District	Township (TSP)	CHBDC GIS
Hastings District Council	Coastal Residential Plains Industrial 4 Industrial 6 Suburban Commercial	HDC GIS checked against Proposed District Plan Maps (2000)
Napier City Council	Rural Settlement Fringe Commercial Inner City Commercial Marine Parade Character Main Residential Main Industrial	City of Napier Proposed District Plan Maps (Amended to Incorporate Decisions 18 January 2003)
Wairoa District Council	Residential Settlement Town Centre	Wairoa Proposed District Plan (2001) Maps

The "Reserves" land use category was defined using cadastral information supplied by Hawke's Bay Regional Council to identify land parcels classified as some form of reserve, including but not limited to, Esplanade Reserve, Foreshore Reserve, Government Purpose Reserve, Local Purpose Reserve, Marine Reserve and Reserve for Nature.

All other coastal land not identified as Residential/Industrial or Reserve was classified "Rural". This classification is generally the same for all TLAs, however in Hastings District the Rural classification also includes land zoned "Plains".