

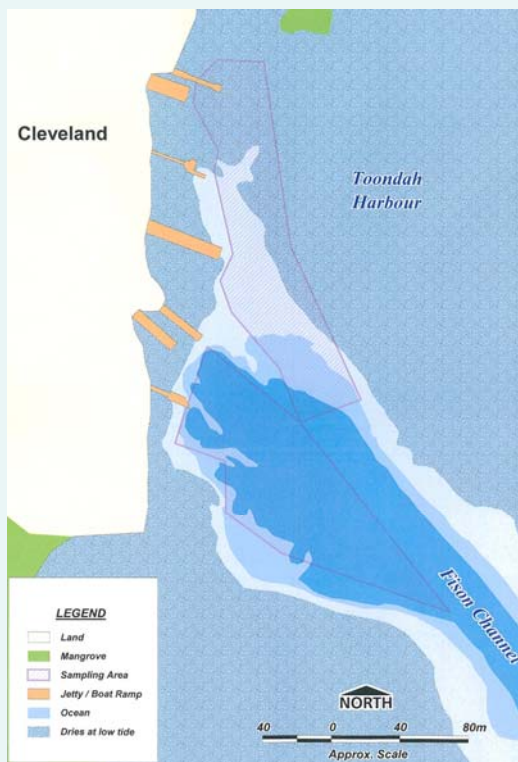
# Toondah Harbour Sediment Quality

Toondah Harbour at Cleveland is the principal vehicular barge and ferry port for commercial vessels operating to North Stradbroke Island. Queensland Transport as the managing authority for the port is responsible for maintaining navigable waters for the commercial facilities.

Plans for dredging of the port must include an adequate characterisation of the sediments to be dredged.

BMT WBM was commissioned to collect sediment samples using vibrocoring equipment and to prepare the samples for specialist physical and chemical laboratory analyses to characterise the nature of sediments.

The collection and analysis of the collected core samples was undertaken in accordance with Environment Australia's "National Ocean Disposal Guidelines for Dredged Material 2002". All analysis results were compiled in a succinct report on behalf of Queensland Transport for further discussion with regulatory agencies.

**Client**

Queensland Transport

**Date**

1997 & 2005-2007

**Services & Expertise Provided**

On site collection of sediment cores;

Liaison with commercial vessel operators to minimise navigational conflicts during sample collection;

Sediment sample preservation and pre-treatment;

Contract analysis of marine sediments for contaminants in accordance with SAP; and

Reporting of all results to facilitate discussion with regulatory agencies.