



### PROJECT DESCRIPTION

Coldwater Consulting Ltd. was contracted to develop the design of shore protection works at the Links at Crowbush Cove golf course. This par-72 course is located on the north shore of Prince Edward Island and is has been ranked as one of the top 10 golf courses in North America. The shoreline at Crowbush Cove is composed of sands and dune systems underlain by a shallow and gently sloping bedrock shoreface platform. Storms in the winter of 2004 caused unprecedented shoreline erosion, endangering the course facilities and necessitating extensive repairs to the fairway and tee boxes at both the 8<sup>th</sup> and 16<sup>th</sup> holes.

### DESIGN APPROACH

We adopted an approach that would restore the shore in a manner that would achieve sustainable, cost-effective protection of the 8<sup>th</sup> and 16<sup>th</sup> holes while maintaining the dune system and adjacent beach in as natural a condition as possible.

We performed the following services:

- analysis of the storm surges, wave climate and morphological conditions at the site;
- development of designs for the buried revetment and dune restoration and re-fine and evaluate alternatives;
- production of all engineering drawings;
- on-site construction supervision, and;
- provision of recommendations for dune restoration and ongoing maintenance of the dune.

### CLIENT

Golflinks PEI  
Charlottetown, PEI

### LOCATION

Morell, PEI

### DATE

2005-2006

