

Townsville Port Expansion

InterAx supports Townsville Port's Expansion

Windlass Crossing, South Townsville

CLIENT'S CHALLENGE

The client Port of Townsville wanted to develop this 15-hectare laydown area over reclaimed marine land, to support transportation of wind turbines. With a limited budget, the Port wanted to use as much existing rock as possible to build a stable platform on this variable, weak subgrade.

TENSAR SOLUTION

The consultant, Civil IQ specified the use of Tensar's large aperture stabilisation geogrids to support the re-use of existing coarsely graded granular aggregate where particle sizes were up to 150mm. This approach saved the Port tens of millions of dollars in aggregate procurement and cartage costs across the entire project.

"We had a complex varied former sea reclamation site including soft soils. By using a combination of heavy Triaxial and InterAx geogrids, we provided a stabilised layer that could immediately take the running loads of fully loaded 40T Moxies and triple side tippers. All parties were amazed. Highly recommended!"

Mark Hausfeld | Director

Civil IQ, Australia

Tensar®

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PROJECT DETAILS

Application

Subgrade stabilisation for flexible pavement | No. 556

Constructed in

April to August 2025

Project Owner

Port of Townsville

Consultant

Civil IQ

Contractor

Mendi Constructions

Product

Tensar's Large Aperture Geogrid



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