

Dampier Port Upgrade Project Underwater Blasting



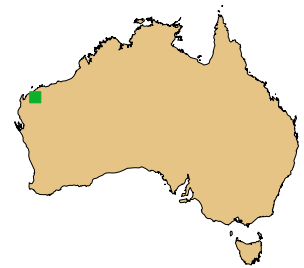
As part of the RTIO Expansion Projects - Dampier Port Upgrade Project - Phase B, Ritchies undertook blasting to remove a rock outcrop left after dredging. It was within the turning circle of the iron ore loading wharf.

The area involved was 12,750m² with some 24,750m³ blasted using 22,500Kg Orica Powergel Buster.

On completion, no high spots were found or any other remedial work was required.

Very strict environmental controls were adhered to so that there were no oil spills or damage to marine life (especially dolphins and turtles).

The barge used was Ballast Ham Dredging's Supply self elevating platform using three legs and six anchors. Drilling was carried out with two rigs over a 'moon pool' utilising down-the-hole hammers with 115mm drill bit diameters and overburden casings having a diameter of 177.8mm.



Location :
Dampier, Australia

Client :
Hamersley Iron Pty Ltd (part
of the Rio Tinto Group)

Engineer :
Sincliar Knight Merz Pty Ltd

Date :
2007

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