

PORT FACILITY COMPACTION OF RECLAIMED LAND, DARWIN, NT



EAST ARM PORT DEVELOPMENT

Client:	Henry Walker Eltin
Location:	Darwin, Northern Territory (Australia)
Machine:	BH-1300 (8t module)
Scope of Project:	40,000m ² of rock & clay fill.
Details of Project:	East Arm is the main intermodal container port for Darwin. Project involved the construction of a 2.2km rail embankment with a container terminal around 6m above the low tide level.
Performance:	Once above the low tide level, fill was placed in 1m layers & compacted with the Impact Roller, all equipment was placed on high ground during tidal movements to allow for inundation of the site. Settlement monitoring was used to monitor predetermined targets.