

Capability Statement: Limestone Rock Works



Limestone rock can be incorporated into other erosion control techniques or used as an independent solution on many sites. Typically, limestone rock is used to form a revetment on steep, highly eroded sites where the protection of the bank and prevention of loss of soil and trees is the primary objective. Limestone can also be used to create large groynes or small rock toes; the

size of the rock is an important factor. Natural Area have undertaken many projects along the Swan and Canning rivers using limestone rock and are familiar with the work permit requirements from governing bodies so projects are undertaken smoothly and according to schedule.

► City of Melville, Point Walter Reserve

Natural Area provided advice and plans to the City of Melville regarding a steep embankment at Point Walter Reserve. The embankment was highly eroded and there was a serious risk that further erosion would threaten the integrity of the adjoining road. The plan involved refilling the embankment with approximately 140 tonnes of sand and then protecting the embankment at the toe using 80 tonne of rock armour (600 mm - 1000 mm in diameter). An excavator and loader were required to complete the works, which were challenging due to the steepness of the site and inundation of the toe with river water. The embankment was revegetated with great success.