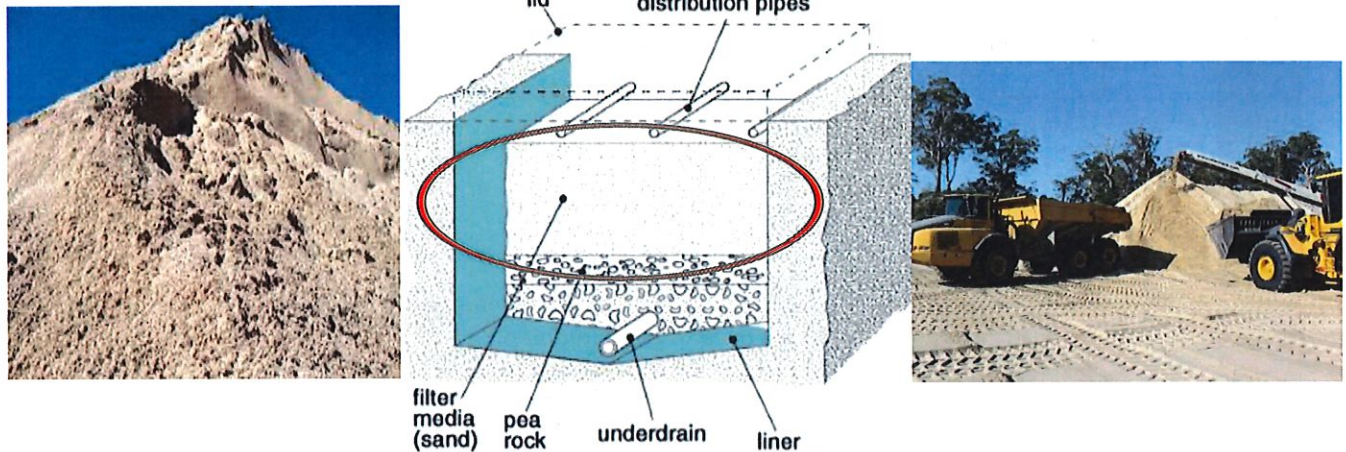


Civil Engineering & Construction Materials

Filter Sands



Macka's Washed Sand:

Macka's washed sand is extracted directly from our clean dune deposit and produced through a customised screening operation, then washed to ensure consistent ongoing quality and consistency essential for filter sand applications.

Macka's Washed Sand – Filter Applications				
Material Properties				
Method	Property		Specification	Comments
	Grading / Detail	Result		
AS1141.11.1	Sieve (mm)	% Pass		Single sized grading predominantly retained on the 300um and 150um sieves.
	1.18 mm	100		
	0.6 mm	100		
	0.425 mm	94		
	0.3 mm	48		
	0.15 mm	1		
RMS T109	Plasticity Index (PI)	Non Plastic	PI ≤ 6	
RMS 3580	Max Coefficient of Uniformity D ₆₀ /D ₁₀	1.46	<1.5	Due to single-size
AS1141.4	Bulk Density (Loose)	1.48 T/m ³	≤1.5	Typical
	Bulk Density (Compacted)	1.61 T/m ³		
AS1012.20	Chlorides	0.002%	< 0.0126%	Very Low
	Sulphates	<0.001%	<3%	Extremely Low

