

The Heavyweight™ Wattle

Summary of Test Results from TRI Testing on Heavyweight Wattle, October 2007

Material	Upstream	Downstream	Retention
Sandy Loam Soil	240 lbs	8.16lbs	96.6%
Average Flow Rate per ft/min	1.05gal	.76gal	72.4%
Average Turbidity	>10,000	4212	58%

Material Breakdown of Sandy Loam Soil

	Particle Size mm	Upstream	Downstream	Retention
Gravel	5.66 to .187	4.8 lbs	0	100%
Sand	.186 to .074	144 lbs	.33 lbs	99.8%
Silt	.073 to .005	57.6 lbs	3.92 lbs	93.2%
Clay	<.005	33.6 lbs	3.92 lbs	88.3%

Summary of test results were compiled by Richard Quinley, World Textile and Bag, Inc. These figures were taken or calculated from the Upstream / Downstream Sediment Gradations Figure 6, the Retention Effectiveness Calculations and Particle Size Distribution Test Report, TRI Environmental, October 2007. This is not a guarantee of performance; variables in installation, soil types, water velocities, etc. will affect results.



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