

GEOLOG COCONUT FIBRE LOGS

DESCRIPTION

Geologs are ideal for riverbank scour protection, silt entrapment, wave dissipation, runoff & stream diversion, spill containment as well as aquatic/wetland plant protection & buttressing on revegetation projects.

APPLICATION

Geologs are durable & remain structurally sound throughout the natural life of the system. Geologs withstand wave energies which often require 'hard armour' solutions.

Rather than providing an impermeable barrier, Geologs allow water transmission whilst trapping sediment and reducing turbidity in the main water body.

Geologs are made from natural fibres which degrade over time whilst encouraging natural revegetation for long term security & protection. Geolog systems do not require bulk earthworks or invasive site preparation prior to or during installation.

Geologs are extremely easy & quick to install. Timber stakes either driven adjacent to or through the units secure them in place. Geologs are significantly less expensive than drop structures or rip rap protection. Geolog installation does not require specialist labour or equipment & can be installed by a small inexperienced crew.

TYPICAL PROPERTIES

PROPERTY	UNIT	GEOLOG
Composition	-	Coir fibre body encased in woven & stitched coir grid
Length	m	1.2 or 3.0
Diameter	m	0.3
Dry Mass per Unit	kg	12 or 30
Fastening	-	Timber stakes at nominal centres (supplied by others)

Note: Custom lengths & diameters available for large projects on an indent basis. Geologs are available in either a round or square cross section profile.

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