



Cove Farm Washed Sand

Cove Farm, Scunthorpe

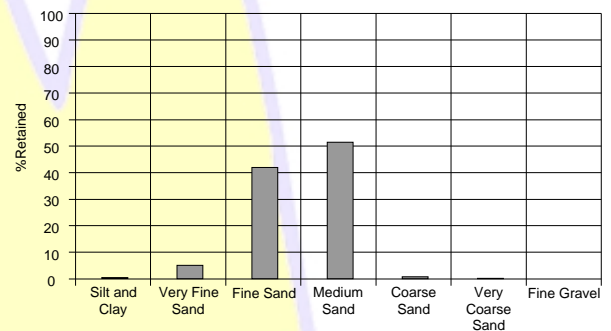
Typical Analysis

Particle Size Distribution

Category	Diameter (mm)	% Retained	% Passing
Fine Gravel	4.0 - 2.0	0.0	100.0
Very Coarse Sand	2.0 - 1.0	0.2	99.8
Coarse Sand	1.0 - 0.5	0.8	99.0
Medium Sand	0.5 - 0.25	51.5	47.5
Fine Sand	0.25 - 0.15	42.0	5.5
Very Fine Sand	0.15 - 0.053	5.1	0.4
Silt and Clay	<0.053	0.4	0.0

D Values

D 85 (µm)	354
D 50 (µm)	255
D 20 (µm)	194
D 15 (µm)	184
D90/D10	2.3



Physical Properties at 30cm Tension

Saturated Hydraulic Conductivity (mm/hr)	330
Water Retention (%w/w)	15.5
Bulk Density (g/cc)	1.56
Particle Density (g/cc)	2.65
Total Porosity (%v/v)	41.1
Capillary Porosity [Water Filled](%v/v)	24.3
Non-Capillary Porosity [Air Filled](%v/v)	16.8
Organic Matter Content (%w/w)	n.a.
pH (1:1 water)	6.9
Colour [Sands]	n.a.
Crusting Potential [Bunker Sands]	n.a.
Penetrometer Value (Kg/cm ²) [Bunker Sands]	n.a.
C.E.C. (meq/100g)	n.a.

Particle Shape

Angularity	Sub-Rounded
Sphericity	Medium

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