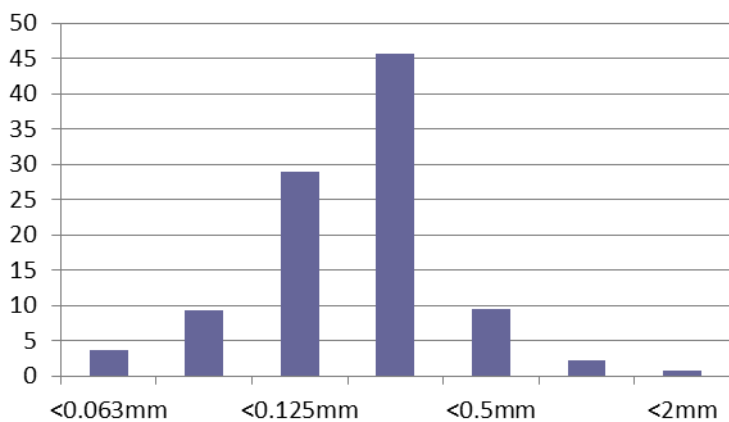


Material: Grade C Sand
Source: Bourne Amenity Ltd
Date: 12/10/2017
Tested Against: USGA Guidelines
Tested By: STRI (Report ID A16325/1)

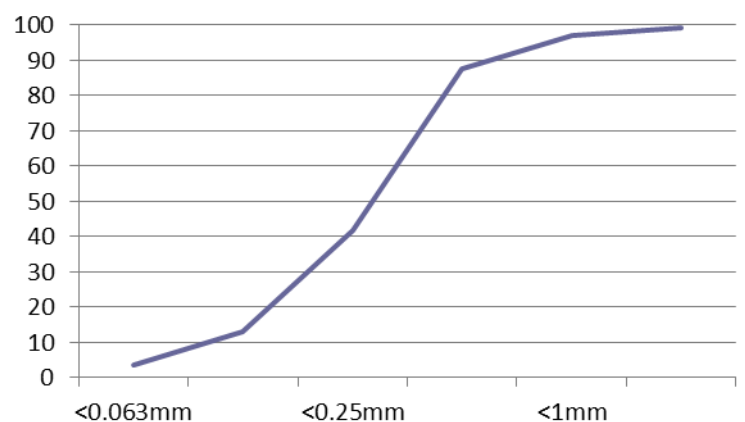
| Parameter | Guide | Range | | Result | Compliance |
|-------------------|-----------------|-------|------|--------|------------|
| Texture: | | | | | |
| Stones and Gravel | >3.4mm | 0 | | 0.1 | No |
| Fine Gravel | >2.0mm | ≤ 3 | ≤ 10 | 0.7 | Yes |
| Very Coarse Sand | 2.0 - 1.0mm | | | 2.2 | |
| Coarse Sand | 1.0 - 0.5mm | ≥ 60 | | 9.4 | No |
| Medium Sand | 0.5 - 0.25mm | | | | |
| Fine Sand | 0.25 - 0.15mm | ≤ 20 | | 28.9 | No |
| Very Fine Sand | 0.15 - 0.053mm | ≤ 5 | ≤ 10 | 9.3 | No |
| Silt | 0.053 - 0.002mm | ≤ 5 | | 1.8 | |
| Clay | <0.002mm | ≤ 3 | | 1.9 | |

| | | | | |
|--|---------------------|-----------|------|-----|
| PH | 1:2.5 water extract | 5.5 - 8.5 | 5.7 | Yes |
| Organic Matter (LOI) | % w/w | <1.5 | 0.26 | Yes |
| Saturated Hydraulic Conductivity | mm/hr | ≥ 150 | 138 | No |
| Total Porosity | % | 35 - 55 | 39.5 | Yes |
| Air-filled Porosity at (30cm) Tension | % | 15 - 30 | 17.5 | Yes |
| Capillary Porosity at (30cm) Tension | % | 15 - 25 | 22.0 | Yes |
| Bulk Density | g/cc | n/a | 1.26 | -- |
| Particle Density | g/cc | n/a | 2.68 | -- |

% Retained (Microns)



Particle Size % Passing (Microns)



Bourne Amenity, The Wharf, Rye Road, Newenden, Kent TN18 5QG

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