


MATERIAL PHYSICAL PROPERTY SHEET



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|-------------------------------------|---------------------------|--|--|-------------------|-----------------|
| SUPPLIER: | New Milton Sand & Ballast | | | | |
| SOURCE: | Caird Avenue | | | YEAR | 2015 |
| AGG TYPE: | Flint Gravel | | | | |
| AGG SIZE : | 0/20mm All in Gravel | | | | |
| PROPERTY | | | | SIEVE SIZE | |
| SAND EQUIVALENT VALUE | | | | 31.5mm | 100 98-100 |
| MEAN LOOSE BULK DENSITY | 1.68 | | | 20mm | 99 90-99 |
| MEAN COMPACTED BULK DENSITY | 1.79 | | | 14mm | 88 98-100 |
| APPARENT PARTICAL DENSITY | 2.63 | | | 12.5mm | 81 |
| PARTICAL DENSITY (OVEN DRIED) | 2.31 | | | 10mm | 69 50-90 |
| PARTICAL DENSITY SSD | 2.43 | | | 8mm | 63 |
| WATER ABSORPTION | 5.3 | | | 6.3mm | 60 |
| LIGHTWEIGHT PARTICALS IN AGGREGATES | | | | 4mm | 51 |
| METHYLENE BLUE CONTENT | | | | 2.8mm | 46 |
| TOTAL SULFUR | | | | 2mm | 42 20-60 |
| ACID SOLUBLE SULPHATE | | | | 1mm | 35 |
| WATER SOLUBLE MATTER | | | | 0.5mm | 26 |
| SULPHUR | | | | 0.25mm | 13 |
| PH | | | | 0.125mm | 6 |
| | | | | 0.063mm | 2 0-3 |
| | | | | Pan | 2 |
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Authorised By 

Date 25/2/2015