


MATERIAL PHYSICAL PROPERTY SHEET



| | | | | | |
|-------------------------------------|---------------------------|--|--|-------------------|------------|
| SUPPLIER: | New Milton Sand & Ballast | | | | |
| SOURCE: | Caird Avenue Recycled | | | YEAR | 2014 |
| AGG TYPE: | Recycled Gravel | | | | |
| AGG SIZE : | 10/20mm Gravel | | | | |
| PROPERTY | | | | SIEVE SIZE | |
| SHAPE INDEX | 20 | | | 31.5mm | 100 98-100 |
| MEAN LOOSE BULK DENSITY | 1.2 | | | 20mm | 96 85-99 |
| MEAN COMPACTED BULK DENSITY | 1.29 | | | 16mm | 68 |
| FLAKINESS | 17 | | | 14mm | 48 |
| APPARENT PARTICAL DENSITY | 2.62 | | | 10mm | 7 0-20 |
| PARTICAL DENSITY (OVEN DRIED) | 2.27 | | | 8mm | 2 |
| PARTICAL DENSITY SSD | 2.4 | | | 6.3mm | 1 |
| WATER ABSORPTION | 6 | | | 4mm | 1 0-5 |
| LIGHTWEIGHT PARTICALS IN AGGREGATES | 2 | | | 2.8mm | 0 |
| METHYLENE BLUE CONTENT | | | | 2mm | 1 |
| TOTAL SULFUR | 0.13 | | | 1mm | 0 |
| ACID SOLUBLE SULPHATE | 0.24 | | | 0.5mm | 0 |
| WATER SOLUBLE MATTER | 0.0016 | | | 0.25mm | 0 |
| SULPHUR | 0.24 | | | 0.125mm | <1 |
| PH | 10.6 | | | 0.063mm | <1 0-1.5 |
| Shell Content | 0 | | | Pan | 0.1 |
| | | | | | |
| | | | | | |

Authorised By 

Date 26/2/2015