

# MATERIAL PHYSICAL PROPERTY SHEET



<b>SUPPLIER:</b>	<b>New Milton Sand &amp; Ballast</b>				
<b>SOURCE:</b>	<b>Cairds Avenue</b>			<b>YEAR</b>	<b>2015</b>
<b>AGG TYPE:</b>	<b>Flint Gravel</b>				
<b>AGG SIZE :</b>	<b>0/10mm All in Gravel</b>				
<b>PROPERTY</b>				<b>SIEVE SIZE</b>	
SAND EQUIVALENT VALUE				31.5mm	100 100-100
MEAN LOOSE BULK DENSITY	1.59			20mm	100 100-100
MEAN COMPACTED BULK DENSITY	1.72			14mm	100 98-100
APPARENT PARTICAL DENSITY	2.63			12.5mm	100
PARTICAL DENSITY (OVEN DRIED)	2.25			10mm	92 90-99
PARTICAL DENSITY SSD	2.39			8mm	77
WATER ABSORPTION				6.3mm	70
LIGHTWEIGHT PARTICALS IN AGGREGATES				4mm	64 50-90
METHYLENE BLUE CONTENT				2.8mm	57
TOTAL SULFUR				2mm	52
ACID SOLUBLE SULPHATE				1mm	42 20-60
WATER SOLUBLE MATTER				0.5mm	27
SULPHUR				0.25mm	8
PH				0.125mm	2
				0.063mm	1 0-3
				Pan	0.9

Authorised By 

Date 25/2/2015