


# MATERIAL PHYSICAL PROPERTY SHEET



<b>SUPPLIER:</b>	<b>New Milton Sand &amp; Ballast</b>				
<b>SOURCE:</b>	<b>Caird Avenue</b>			<b>YEAR</b>	<b>2015</b>
<b>AGG TYPE:</b>	<b>Flint Gravel</b>				
<b>AGG SIZE :</b>	<b>10/20mm Uncrushed Gravel</b>				
<b>PROPERTY</b>				<b>SIEVE SIZE</b>	
SHAPE INDEX	32			31.5mm	100 98-100
MEAN LOOSE BULK DENSITY	1.31			20mm	100 85-99
MEAN COMPACTED BULK DENSITY	1.39			16mm	100
FLAKINESS	17			14mm	92
APPARENT PARTICAL DENSITY	2.62			10mm	4 0-20
PARTICAL DENSITY (OVEN DRIED)	2.38			8mm	1
PARTICAL DENSITY SSD	2.47			6.3mm	1
WATER ABSORPTION	3.8			4mm	<1 0-5
LIGHTWEIGHT PARTICALS IN AGGREGATES	0			2.8mm	<1
METHYLENE BLUE CONTENT				2mm	<1
TOTAL SULFUR				1mm	0
ACID SOLUBLE SULPHATE	0.02			0.5mm	0
WATER SOLUBLE MATTER	0.3			0.25mm	0
SULPHUR				0.125mm	0
PH				0.063mm	0 0-1.5
				Pan	0.5

Authorised By 

Date 25/2/2015