

MATERIAL PHYSICAL PROPERTY SHEET



SUPPLIER:	New Milton Sand & Ballast				
SOURCE:	Caird Avenue			YEAR	2015
AGG TYPE:	Flint Gravel				
AGG SIZE :	4/10mm Crushed Gravel				
PROPERTY				SIEVE SIZE	
SHAPE INDEX	29			31.5mm	100-100
MEAN LOOSE BULK DENSITY	1.25			20mm	100-100
MEAN COMPACTED BULK DENSITY	1.32			14mm	98-100
FLAKINESS	21			12.5mm	
APPARENT PARTICAL DENSITY	2.63			10mm	75-99
PARTICAL DENSITY (OVEN DRIED)	2.24			8mm	25
PARTICAL DENSITY SSD	2.39			6.3mm	6-99
WATER ABSORPTION	6.7			4mm	<1-20
LIGHTWEIGHT PARTICALS IN AGGREGATES	0.1			2.8mm	<1
METHYLENE BLUE CONTENT				2mm	<1-5
TOTAL SULFUR				1mm	0
ACID SOLUBLE SULPHATE				0.5mm	0
WATER SOLUBLE MATTER	<0.1			0.25mm	0
SULPHUR				0.125mm	0
PH				0.063mm	0-1.5
				Pan	0.2

Authorised By

Date 25/2/2015