


MATERIAL PHYSICAL PROPERTY SHEET



SUPPLIER:	New Milton Sand & Ballast				
SOURCE:	Hurn Court Farm			YEAR	2015
AGG TYPE:	Flint Gravel				
AGG SIZE :	10/20mm Uncrushed Gravel				
PROPERTY			SIEVE SIZE		
SHAPE INDEX	10		31.5mm	100	98-100
MEAN LOOSE BULK DENSITY	1.33		20mm	100	85-99
MEAN COMPACTED BULK DENSITY	1.43		16mm	65	
FLAKINESS	8		14mm	43	
APPARENT PARTICAL DENSITY	2.62		10mm	3	0-20
PARTICAL DENSITY (OVEN DRIED)	2.47		8mm	<1	
PARTICAL DENSITY SSD	2.53		6.3mm	<1	
WATER ABSORPTION	2.2		4mm	0	0-5
LIGHTWEIGHT PARTICALS IN AGGREGATES	0		2.8mm	<1	
METHYLENE BLUE CONTENT			2mm	0	
TOTAL SULFUR			1mm	0	
ACID SOLUBLE SULPHATE	0.07		0.5mm	0	
WATER SOLUBLE MATTER	0.3		0.25mm	0	
SULPHUR			0.125mm	0	
PH			0.063mm	0	0-1.5
			Pan	0	

Authorised By 

Date 25/2/2015