MATERIAL PHYSICAL PROPERTY SHEET

SUPPLIER:	New Milton Sand & Ballast				
SOURCE:	Hurn Court Farm		YEAR	2015	
AGG TYPE:	Flint Gravel				
AGG SIZE :	20/40mm Gravel (Oversize)				

PROPERTY			SIEVE SIZE		
SHAPE INDEX			63mm	100	98-100
MEAN LOOSE BULK DENSITY	1.39		40mm	87	85-100
MEAN COMPACTED BULK DESITY	1.46		31.5mm	67	
FLAKINESS			20mm	0	0-20
APPARENT PARTICAL DENSITY	2.61		16mm	1	
PARTICAL DENSITY (OVEN DRIED)	2.55		14mm	1	
PARTICAL DENSITY SSD	2.54		10mm	<1	80-99
WATER ABSORPTION	1.7		8mm	<11	0-20
LIGHTWEIGHT PARTICALS IN AGGREGATES			6.3mm	<1	
METHYLENE BLUE CONTENT			4mm	<1	0-5
TOTAL SULFUR			2.8mm	<1	
ACID SOLUBLE SULPHATE			2mm	<1	
WATER SOLUBLE MATTER			1mm	<1	
SULPHUR			0.5mm	<1	
PH			0.25mm	<1	0-1.5
			0.125mm	<1	
			0.063mm	0.1	
			Pan		

Authorised By _____

Date 25/2/2015