


MATERIAL PHYSICAL PROPERTY SHEET



SUPPLIER:	New Milton Sand & Ballast				
SOURCE:	Hurn Court Farm			YEAR	2015
AGG TYPE:	Flint Gravel				
AGG SIZE :	0/20mm All in Gravel				
PROPERTY				SIEVE SIZE	
SAND EQUIVALENT VALUE				31.5mm	100 98-100
MEAN LOOSE BULK DENSITY	1.79			20mm	92 90-99
MEAN COMPACTED BULK DENSITY	1.87			14mm	80 98-100
APPARENT PARTICAL DENSITY	2.67			12.5mm	73
PARTICAL DENSITY (OVEN DRIED)	2.66			10mm	59 50-90
PARTICAL DENSITY SSD	2.66			8mm	56
WATER ABSORPTION	4			6.3mm	54
LIGHTWEIGHT PARTICALS IN AGGREGATES				4mm	53
METHYLENE BLUE CONTENT				2.8mm	49
TOTAL SULFUR				2mm	48 20-60
ACID SOLUBLE SULPHATE				1mm	43
WATER SOLUBLE MATTER				0.5mm	32
SULPHUR				0.25mm	10
PH				0.125mm	2
				0.063mm	<1 0-3
				Pan	<1

Authorised By 

Date 25/2/2015