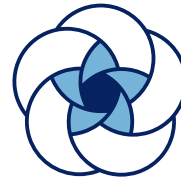


TEST REPORT

Lightwater Quarries Ltd
Potgate Quarry
North Stainley
Ripon
HG4 3JN



White
Rose
Laboratory
Services
Ltd

Lumley St • Castleford • WF10 5LB
01977 520625 • enquiries@whiteroselabs.co.uk

Report WRL/17/2975omc
Issue date 05/01/18

Material	Type one sub base crushed limestone		
Site	Gebdykes Quarry		
Specification	SHW Series 800 C1803	Sample N°	S/17/2975
Source	Gebdykes Quarry	Sampled by	ST / LR
Supplier	Lightwater Quarries Ltd	Date sampled	11/12/17
Sample location	Stockpile	Date received	11/12/17
Sample type	Bulk	Date tested	03/01/18
Order number	8815LQ	Date reported	04/01/18

BS 1377-4 1990 Determination of dry density / moisture content relationship

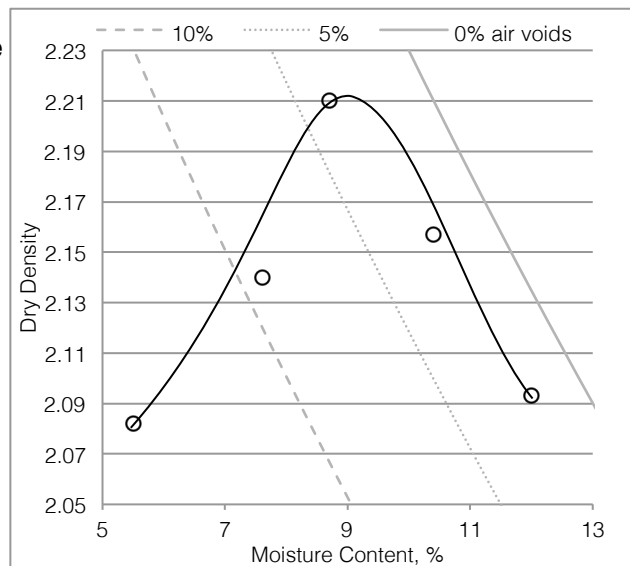
Section 3.7: vibrating hammer method
Separate samples were used for each point

Prepared from material at natural moisture

Retained 20mm 39 %
Retained 37.5mm 15 %
Grading Zone X

MDD 2.21 Mg/m³
OMC 9 %

Particle density (measured) 2.87 Mg/m³



M Randerson
Laboratory Services Director