

TITSEY ESTATE COMPANY - MOORHOUSE SAND PIT

PARTICLE SIZE DISTRIBUTION

US Sand ▼

NONE ▼

Material: US Sand
Matl. Blend: _____

Customer: _____

Sample No: 558 Date Sample: 02.04.2024 Stockpile: _____

WASHED GRADING SAMPLE

A	Mass of sampled sand before washing	389.9
B	Calculated mass of DRY sample before washing	373.5
C	Mass of dry sample AFTER washing	361.5
D	Mass passing 0.063 mm sieve	12.0

MOISTURE CONTENT SAMPLE

E	Mass of sampled sand before drying	385.8
F	Mass of DRY sample	369.6
G	Mass of lost moisture	16.2
H	Moisture content	4.4

SIEVE ANALYSIS CALCULATIONS

EN Sieves mm	MASS RETAINED g		% RETAINED	% PASSING	SPECIFIC'N LIMITS (in % passing)
5.000	0.0	0.0	0.0	100.0	100
4.000	0.0	0.0	0.0	100.0	100
2.800	0.6	0.6	0.2	99.8	98 - 100
2.000	1.8	1.9	0.5	99.3	85 - 99
1.000	18.9	19.0	5.1	94.2	-
0.500	121.9	122.0	32.7	61.6	45 - 65
0.250	181.9	182.0	48.7	12.9	-
0.125	31.6	31.7	8.5	4.4	-
0.063	4.1	4.2	1.1	3.2	0 - 2
Pan>>+D	0.0	12.0	3.2		
TOTALS	360.8	373.4	100.0		

Sand File L

COMMENTS ON RESULT OF TEST:-

Note produced by Microsoft Excel, the results tabulated here are rounded up and reflect the ten decimal place cell value used in calculations by Excel

Test carried out by: D Page
Issue11 - 05.01.2004

Date test completed: 02/04/2024