

County Highways Laboratory

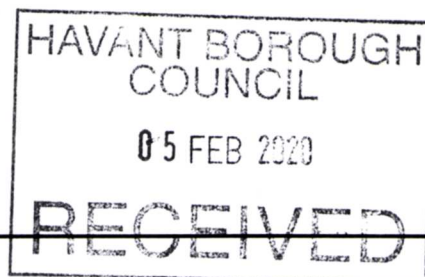
Stockbridge Road, Micheldever Station, Hampshire SO21 3BB

Telephone: (01962) 774502

Facsimile: (01962) 795042

**Hampshire**
County Council

Client: L & S WASTE MANAGEMENT LTD
 PEGHAM INDUSTRIAL ESTATE
 LAVEYS LANE
 FAREHAM
 HAMPSHIRE
 PO15 6SD
 F.A.O. STEVE KEW
 Copies To:

Lab No.: **D3742****PARTICLE SIZE DISTRIBUTION REPORT**

Project: **AGG. TESTING: L & S DECEMBER 2019**
 Location: **STOCKPILE IN YARD**
 Material: **6F5 RECYCLED GRANULAR CAPPING**
 Specification: **DfT SHW TABLE 6/5 6F5 CAPPING**
 Contractor: **N/A**
 Supplier/Plant: **L & S WASTE MANAGEMENT - PORTSDOWN HILL**
 Date Sampled: **06/12/2019**
 Sampled By: **KP**
 Sample Type: **BULK**
 Test Mass: **39888g**

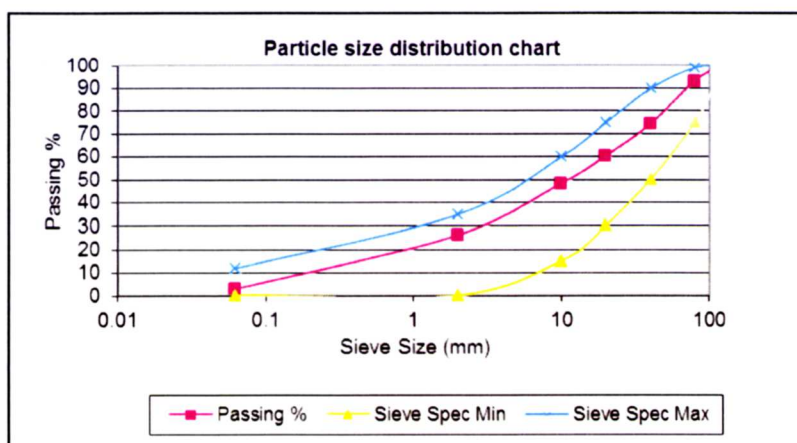
Ticket No.: **N/A**
 Date Received: **06/12/2019**
 Tested By: **EF**
 Date Tested: **13/12/2019**
 Site Ref.: **KP+JJ4**

TEST RESULTS

Preparation Method: BS EN932-2: 1999. Test Method: BS EN933-1: 2012: Annex A

Sieve	Passing %	Specification
125mm	100	100
80mm	93	75 - 99
40mm	74	50 - 90
20mm	60	30 - 75
10mm	48	15 - 60
2mm	26	0 - 35
0.063mm	3	0 - 12

Test	Result	Specification
Moisture Content (%) :	11.1	
Specified Size (%) :		
Flakiness Index :		
Uniformity :		

Category : **A****This sample complies with the above specification.**

0645

Signed:.....

Date:.....16th December 2019

Approved Signatories: **M. Mullane/E. Frost/E. Naval**
 Authority Title: **Lab Manager/Snr. Technician/Asst. Snr. Technician**

- End of report -

Opinions and interpretations expressed herein are outside the scope of UKAS accreditations.

Note: County Highways Laboratory only accepts responsibility for the accuracy of the results contained in this report. No responsibility can be accepted for the results being representative of the material or items sampled unless sampling has been carried out by County Highways Laboratory Staff. This result may not be reproduced either in part or in full without the written permission of County Highways Laboratory. The results stated in this report are only related to the items tested. For samples taken by the client the results stated in this report are only related to the samples as received.

6F5 Sub Base .

County Highways Laboratory

Stockbridge Road, Micheldever Station, Hampshire SO21 3BB

Telephone: 01962 774502

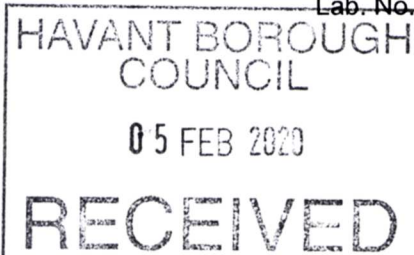
Fax: 01962 795042



Hampshire
County Council

Client: L&S WASTE MANAGEMENT
PEGHAM INDUSTRIAL ESTATE
LAVEYS LANE
FAREHAM
HANTS
PO15 6SD

Lab. No.: **D3742**



F.A.O. STEVE KEW

CLASSIFICATION TEST FOR THE CONSTITUENTS OF COARSE RECYCLED AGGREGATE BS EN933-11: 2009

Project:	AGG. TESTING FOR L&S WASTE MANAGEMENT - DECEMBER 2019		
Location:	6F5 STOCKPILE		
Material:	RECYCLED 6F5 CAPPING		
Specification:	DfT SHW CL710		
Contractor:	N/A		
Supplier/Plant:	L & S PORTSDOWN	Ticket No.:	N/A
Date Sampled:	06/12/2019	Date Received:	06/12/2019
Sampled By:	KP	Tested By:	AW
Sample Type:	BULK	Date Tested:	17/12/2019
Sample Mass:	39888g	Site Ref.:	KP JJ4

TEST RESULTS

MATERIAL TYPE	CLASS	% of TOTAL
BITUMINOUS MATERIALS	Ra	16.1
MASONRY	Rb	28.2
CONCRETE (INCL. IBA)	Rc	35.1
GLASS	Rg	0.2
FLOATING PARTICLES	FL	2.2
AGGREGATE	Ru	14.4
OTHER	X	3.8
DRYING TEMPERATURE 110±5°C	TOTAL	100.0

Remarks:

Signed:.....

Approved Signatories: ~~M. Mullane~~: Lab. Manager

E. Frost: Senior Technician

~~E. Naval~~: Asst. Senior Technician

Date: **17/12/2019**

Note: County Highways Laboratory only accepts responsibility for the accuracy of the results contained in this report. No responsibility can be accepted for the results being representative of the material or items sampled unless sampling has been carried out by County Highways Laboratory Staff. This result may not be reproduced either in part or in full without the written permission of County Highways Laboratory. The results stated in this report are only related to the items tested. For samples taken by the client the results stated in this report are only related to the sample/s as received.

Type 1 Recycled

County Highways Laboratory

Stockbridge Road, Micheldever Station, Hampshire SO21 3BB

Telephone: (01962) 774502

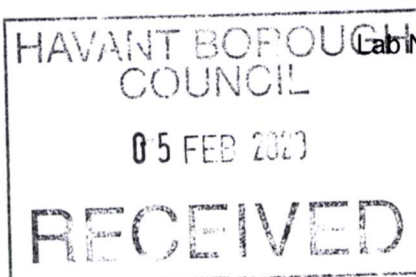
Facsimile: (01962) 795042



Hampshire
County Council

Client: L & S WASTE MANAGEMENT LTD
PEGHAM INDUSTRIAL ESTATE
LAVEYS LANE
FAREHAM
HAMPSHIRE
PO15 6SD
STEVE KEW

F.A.O.
Copies To:



Lab No.: D3740

PARTICLE SIZE DISTRIBUTION REPORT

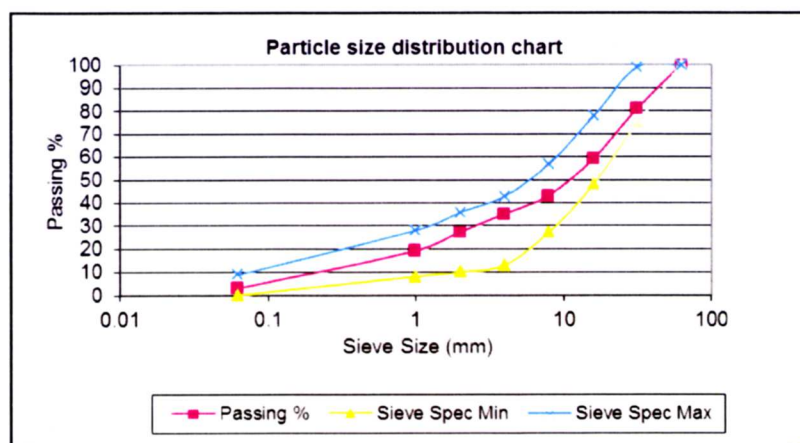
Project: **AGG. TESTING: L & S DECEMBER 2019**
Location: **STOCKPILE IN YARD**
Material: **TYPE 1 SUBBASE**
Specification: **DTp SHW CLAUSE 803 SUPPLIER DECLARED SPEC.**
Contractor: **N/A**
Supplier/Plant: **L & S WASTE MANAGEMENT - PORTSDOWN HILL**
Date Sampled: **06/12/2019**
Sampled By: **KP**
Sample Type: **BULK**
Test Mass: **20200g**

Ticket No.: **N/A**
Date Received: **06/12/2019**
Tested By: **EF**
Date Tested: **13/12/2019**
Site Ref.: **KP+JJ2**

TEST RESULTS

Preparation Method: BS EN932-2: 1999. Test Method: BS EN933-1: 2012: Annex A

Sieve	Passing %	Specification
63mm	100	100
31.5mm	81	75 - 99
16mm	59	48 - 78
8mm	43	27 - 57
4mm	35	13 - 43
2mm	27	10 - 36
1mm	19	8 - 28
0.063mm	3	0 - 9
P 16mm	16	7 - 30
R 8mm		
P 8mm	8	7 - 30
R 4mm		



Test	Result	Specification
Moisture Content (%) :	10.9	

Category : **A**

This sample complies with the above specification.



0645

Signed:.....

Date:.....16th December 2019

Approved Signatories: **M. Mullane/E. Frost/E. Naval**
Authority Title: **Lab Manager/Snr. Technician/Asst. Snr. Technician**

- End of report -

Opinions and interpretations expressed herein are outside the scope of UKAS accreditations.

Note: County Highways Laboratory only accepts responsibility for the accuracy of the results contained in this report. No responsibility can be accepted for the results being representative of the material or items sampled unless sampling has been carried out by County Highways Laboratory Staff. This result may not be reproduced either in part or in full without the written permission of County Highways Laboratory. The results stated in this report are only related to the items tested. For samples taken by the client the results stated in this report are only related to the samples as received.

Type 1 Recycled.

County Highways Laboratory

Stockbridge Road, Micheldever Station, Hampshire SO21 3BB

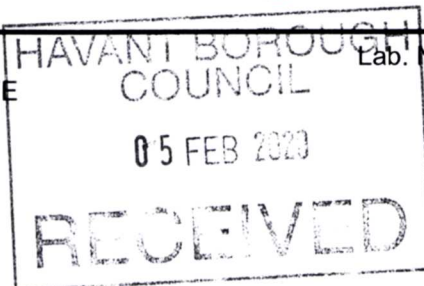
Telephone: 01962 774502

Fax: 01962 795042



Hampshire
County Council

Client: L&S WASTE MANAGEMENT
PEGHAM INDUSTRIAL ESTATE
LAVEYS LANE
FAREHAM
HANTS
PO15 6SD



Lab. No.: **D3740**

F.A.O. STEVE KEW

CLASSIFICATION TEST FOR THE CONSTITUENTS OF COARSE RECYCLED AGGREGATE BS EN933-11: 2009

Project:	AGG. TESTING FOR L&S WASTE MANAGEMENT - DECEMBER 2019		
Location:	SUBBASE STOCKPILE		
Material:	RECYCLED TYPE 1 SUBBASE		
Specification:	DfT SHW CL710		
Contractor:	N/A		
Supplier/Plant:	L & S PORTSDOWN	Ticket No.:	N/A
Date Sampled:	06/12/2019	Date Received:	06/12/2019
Sampled By:	KP	Tested By:	AW
Sample Type:	BULK	Date Tested:	17/12/2019
Sample Mass:	20200g	Site Ref.:	KP JJ2

TEST RESULTS

MATERIAL TYPE	CLASS	% of TOTAL
BITUMINOUS MATERIALS	Ra	7.7
MASONRY	Rb	26.1
CONCRETE (INCL. IBA)	Rc	31.6
GLASS	Rg	1.4
FLOATING PARTICLES	FL	0.8
AGGREGATE	Ru	32.0
OTHER	X	0.4
DRYING TEMPERATURE 110±5°C	TOTAL	100.0

Remarks:

Signed:.....

Approved Signatories: M. Mullane: Lab. Manager

E. Frost: Senior Technician

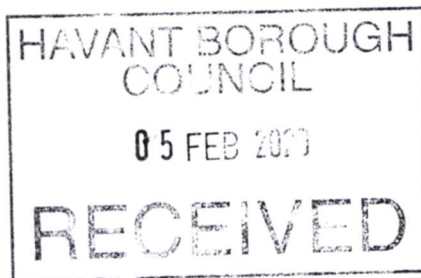
~~E. Naval: Asst. Senior Technician~~

Date: **17/12/2019**

Note: County Highways Laboratory only accepts responsibility for the accuracy of the results contained in this report. No responsibility can be accepted for the results being representative of the material or items sampled unless sampling has been carried out by County Highways Laboratory Staff. This result may not be reproduced either in part or in full without the written permission of County Highways Laboratory. The results stated in this report are only related to the items tested. For samples taken by the client the results stated in this report are only related to the sample/s as received.

LIMESTONE Type 1.

General Output



Hanson Aggregates

Jack Thomas
Hanson Aggregates UK
Whatley Quarry
Frome Road
Frome
Somerset
07702 817680

GRADATION ANALYSIS TEST REPORT
for Product: 6063B400/ Type 1 Granular Sub-base
Supplier/ source: 6063/Whatley Quarry
Material type: SHW Series 800 Test method: Wash grading to BS EN 933-1

SAMPLE INFORMATION

Sample number SWE49421AGG

Sampled/ tested
Wed 23 October 2019/ 01-11-19
at 0000 hrs

Sample Origin	STOCK	Ticket No.	-
Sampler	RB01644	Site/Client Address	-
Your Sample Ref.	686279	Aggregate type	-
Oven No.(Lab only)	5	Tag No.(Lab only)	279\823

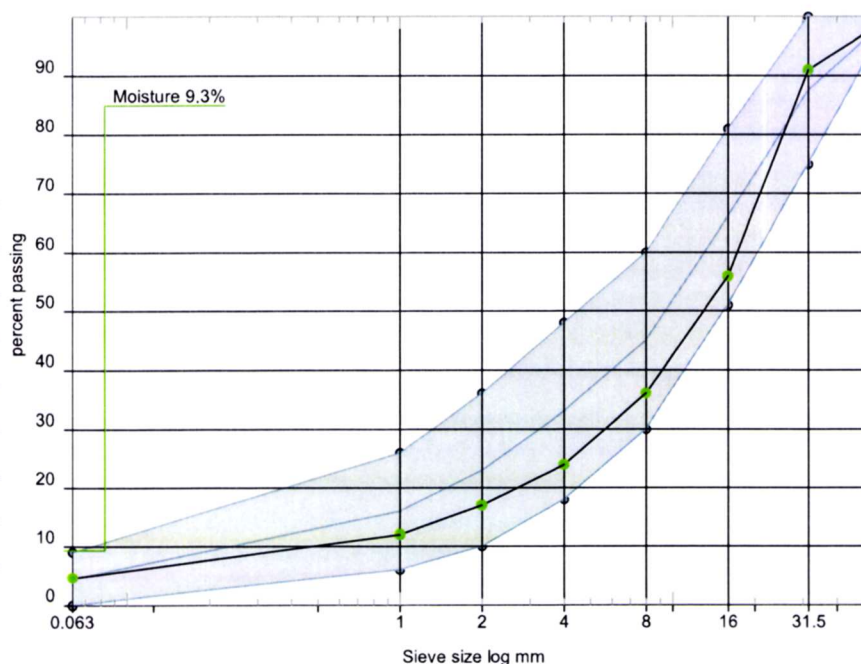
SAMPLE ANALYSIS

Sieve size	Percent passing	Specification limits	Complies ?
63mm	100	100 - 100	yes
31.5mm	91	75 - 100	yes
16mm	56	51 - 81	yes
8mm	36	30 - 60	yes
4mm	24	18 - 48	yes
2mm	17	10 - 36	yes
1mm	12	6 - 26	yes
0.063mm	4.6	0.0 - 9.0	yes
Moisture content %	9.3	not specified	-
Flakiness index	no result	<=35	-
Additional grading req.	Type 1 GSB table 8/5	pass or fail	yes
passing 16mm, ret 8mm	20	7 to 30	yes
passing 8mm, ret 4mm	12	7 to 30	yes

Parameters are evaluated to the accuracy of spec. limits

REMARKS

Compliance status ok
Category A of A-C includes secondary parameters



Signed [Signature] Technical Production Manager Print date 07 Nov 2019