

Particle Size Analysis - Comprehensive with 2mm Passing

Sample Information:

Sample ID: **Boyd/4/10/14**

Prepared For:

William Brown
Brown Sandina
24 Roland St
Boston, MA 02129

Order Number: 51110
Lab Number: X200918-108
Received: 9/18/2020
Reported: 9/25/2020

bbrown@brownsardina.com
617-851-0258

<u>USDA Size Fraction</u>			<u>Percent of Whole Sample Passing</u>			
<u>Main Fractions</u>	<u>Size (mm)</u>	<u>Percent</u>	<u>Size (mm)</u>	<u>Sieve #</u>	<u>Whole Sample % of Sample Passing</u>	<u>Finer Than 2mm % of Sample Passing</u>
Sand	0.05-2.0	78.9	2.00	#10	84.3	100.0
Silt	0.002-0.05	14.7	1.00	#18	78.3	92.9
Clay	<0.002	6.4	0.50	#35	67.0	79.5
			0.25	#60	48.1	57.0
<u>Sand Fractions</u>	<u>Size (mm)</u>	<u>Percent</u>	0.10	#140	26.8	31.8
Very Coarse	1.0-2.0	7.1	0.053	#270	17.8	21.1
Coarse	0.5-1.0	13.4	0.02	20 um	12.1	14.3
Medium	0.25-0.5	22.5	0.005	5 um	7.6	9.1
Fine	0.10-0.25	25.3	0.002	2 um	5.4	6.4
Very Fine	0.05-0.10	10.7				
<u>Silt Fractions</u>	<u>Size (mm)</u>	<u>Percent</u>				
Coarse	0.02-0.05	6.8				
Medium	0.005-0.02	5.3				
Fine	0.002-0.005	2.7				

USDA Textural Class: loamy sand

Gravel Content: (%) 15.7

Particle Size Analysis - Comprehensive with 2mm Passing

Sample Information:

Sample ID: **Common**

Prepared For:

William Brown
Brown Sandina
24 Roland St
Boston, MA 02129

Order Number: 51110
Lab Number: X200918-109
Received: 9/18/2020
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<u>USDA Size Fraction</u>			<u>Percent of Whole Sample Passing</u>			
<u>Main Fractions</u>	<u>Size (mm)</u>	<u>Percent</u>	<u>Size (mm)</u>	<u>Sieve #</u>	<u>Whole Sample % of Sample Passing</u>	<u>Finer Than 2mm % of Sample Passing</u>
Sand	0.05-2.0	79.7	2.00	#10	87.3	100.0
Silt	0.002-0.05	14.4	1.00	#18	81.2	93.0
Clay	<0.002	5.9	0.50	#35	69.5	79.7
			0.25	#60	51.1	58.6
<u>Sand Fractions</u>	<u>Size (mm)</u>	<u>Percent</u>	0.10	#140	28.4	32.5
Very Coarse	1.0-2.0	7.0	0.053	#270	17.7	20.3
Coarse	0.5-1.0	13.4	0.02	20 um	10.5	12.1
Medium	0.25-0.5	21.1	0.005	5 um	7.4	8.5
Fine	0.10-0.25	26.0	0.002	2 um	5.1	5.9
Very Fine	0.05-0.10	12.2				
<u>Silt Fractions</u>	<u>Size (mm)</u>	<u>Percent</u>				
Coarse	0.02-0.05	8.2				
Medium	0.005-0.02	3.6				
Fine	0.002-0.005	2.6				

USDA Textural Class: loamy sand

Gravel Content: (%) 12.7