



# OLDE YANKEE TERMINAL

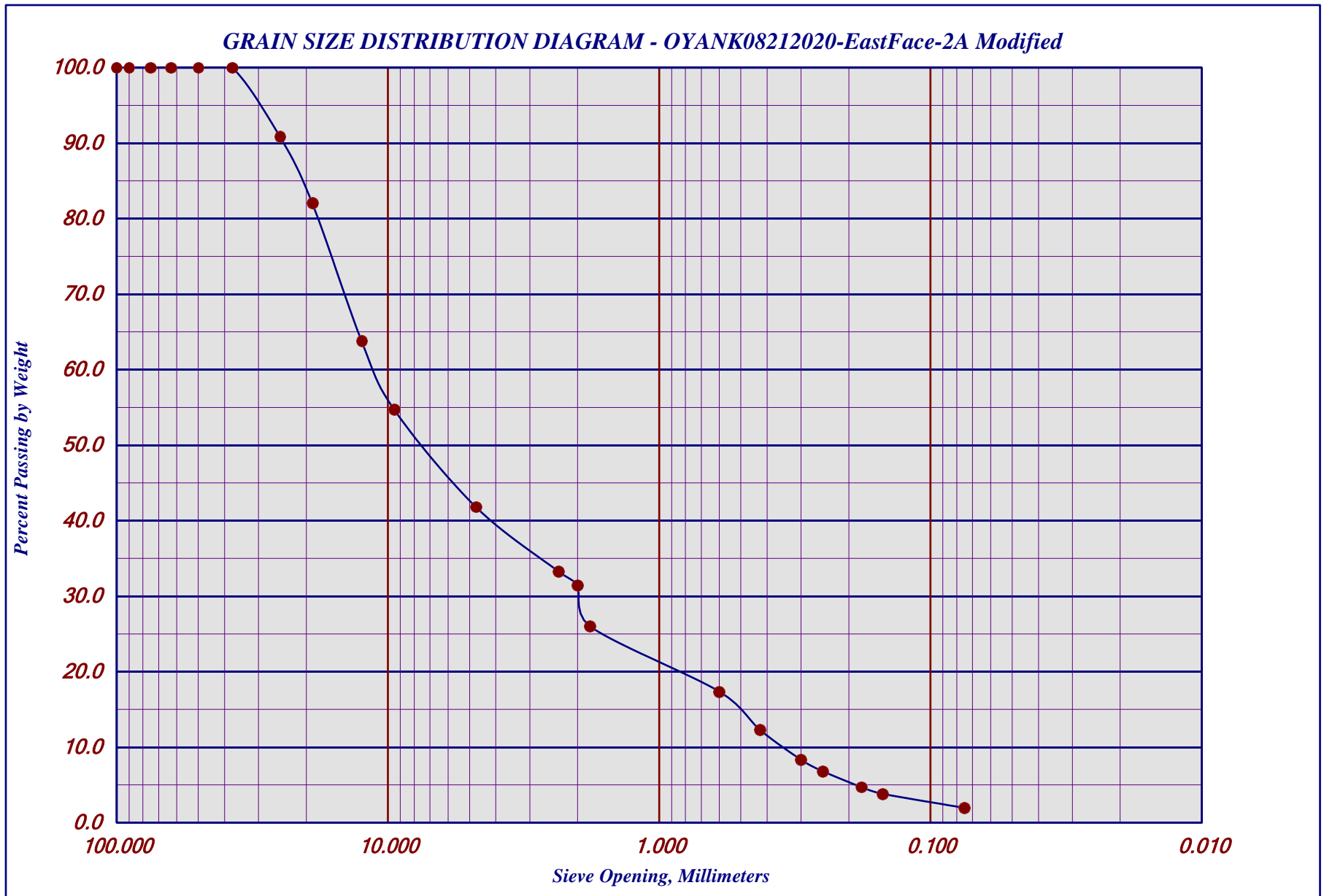
**Philadelphia's Aggregate Supply Terminal**

## *Particle Size Analysis*

*Olde Yankee*  
*OYANK08212020-East Face-2A Modified*

<i>Sieve</i>	<i>Particle Size, mm</i>	<i>Weight Passing g.</i>	<i>Percent Passing</i>	<i>PennDOT 2A Spec.</i>
4 "	100.0	2,486.2	100.0	
3 1/2 "	90.0	2,486.2	100.0	
3 "	75.0	2,486.2	100.0	
2 1/2 "	63.0	2,486.2	100.0	
2 "	50.0	2,486.2	100.0	100
1 1/2 "	37.5	2,486.2	100.0	
1 "	25.0	2,259.1	90.9	
3/4 "	19.0	2,040.3	82.1	52-100
1/2 "	12.5	1,586.3	63.8	
3/8 "	9.5	1,361.5	54.8	36-70
No. 4	4.75	1,040.6	41.9	24-50
No. 8	2.36	828.4	33.3	
No. 10	2.00	782.3	31.5	
No.16	1.800	647.2	26.0	10-30
No.30	0.600	431.8	17.4	
No. 40	0.425	305.8	12.3	
No. 50	0.300	207.7	8.4	
No. 60	0.250	170.0	6.8	
No. 80	0.180	117.5	4.7	
No.100	0.150	95.1	3.8	
No. 200	0.075	48.8	2.0	0-10

*OLDE YANKEE TERMINAL*



# OLDE YANKEE TERMINAL

**Philadelphia's Aggregate Supply Terminal**

*Laboratory Compaction Characteristics of Soil Using Modified Effort  
Moist Preparation      10 lbf. Rammer*

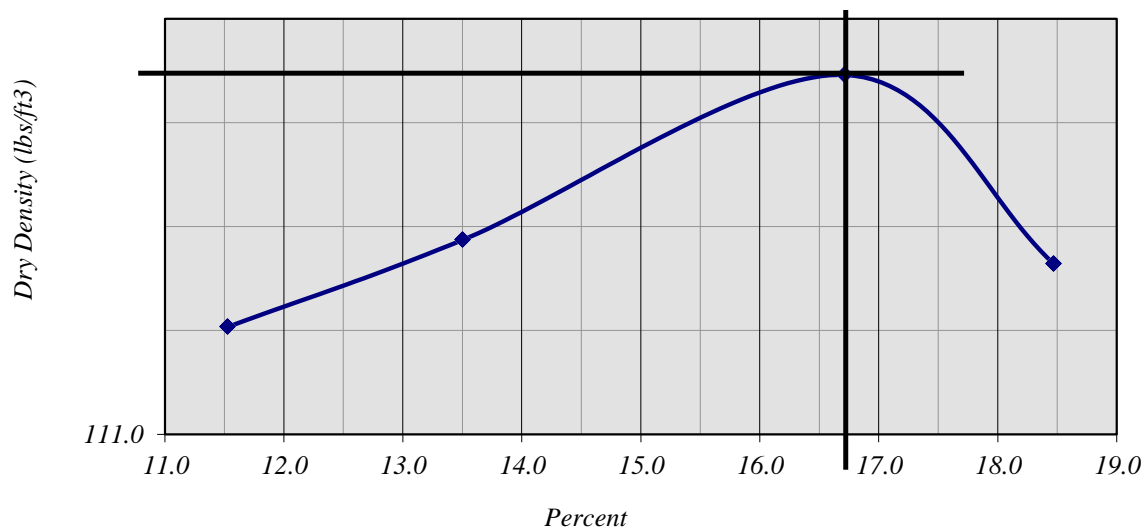
*Lab Sample Number - OYANK08212020-East Face-2A Modified*

*Olde Yankee  
2A Modified*

<i>Trial No.</i>	<i>Mass of Spec. Mold &amp; Plate (g.)</i>	<i>Mass of Mold (g.)</i>	<i>Net Mass of Specimen (g.)</i>	<i>Wet Density lbs. / ft.3</i>	<i>Dry Density lbs. / ft.3</i>
1	9807.2	5574.8	4232.4	124.9	112.0
2	9914.6	5574.8	4339.8	128.1	112.9
3	10100.0	5574.8	4525.2	133.6	114.5
4	10095.2	5574.8	4520.4	133.4	112.6

<i>Trial No.</i>	<i>Mass of Pan &amp; Wet Soil (g.)</i>	<i>Mass of Pan &amp; Dry Soil (g.)</i>	<i>Mass of Pan (g.)</i>	<i>Mass of Water (g.)</i>	<i>Percent Moisture</i>
1	651.6	612.7	275.2	38.9	11.5
2	651.1	608.8	295.6	42.3	13.5
3	651.4	598.3	280.6	53.1	16.7
4	651.4	594.3	285.2	57.1	18.5

*D1557 - Laboratory Compaction Characteristics of Soil Using Modified*



Maximum Dry Density  
Optimum Moisture

114.5 lbs/ft<sup>3</sup>  
16...7%