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Calculation results may differ due to variations in operating conditions and application of crushing and screening equipment. This information does not constitute an express or implied warranty, but shows results of calculations based on information provided by customers or equipment manufacturers. Use this information for estimating purposes only.

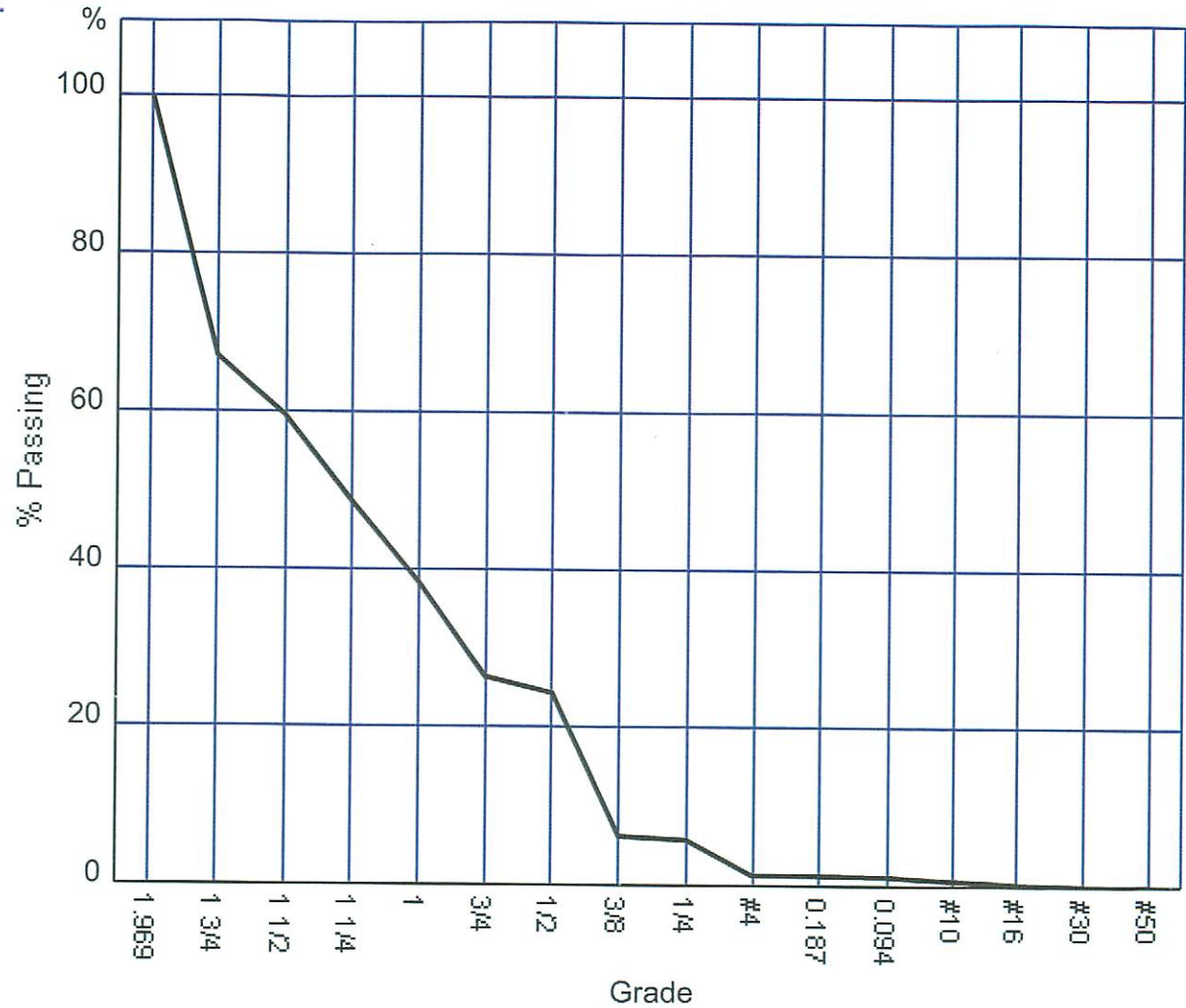
All calculations performed by AggFlow. <http://www.AggFlow.com>

E&A Materials Inc./Mayo Pit  
 Site for: Pitts Sand & Gravel  
 John Pitts Jr.  
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## Product Pile

Grading	% Pass	% Ret.	TPH
1.969	100.0	0	0
1 3/4	67.1	32.9	9.3
1 1/2	59.7	7.4	2.1
1 1/4	48.7	11.0	3.1
1	38.4	10.3	2.9
3/4	26.4	12.0	3.4
1/2	24.3	2.1	0.59
3/8	6.2	18.1	5.1
1/4	5.8	0.4	0.12
#4	1.3	4.5	1.3
0.187	1.3	0.0	0.01
0.094	1.2	0.1	0.04
#10	0.7	0.5	0.14
#16	0.3	0.4	0.12
#30	0.0	0.2	0.07
#50	0.0	0.0	0.01
Total	--	100.0	28.2



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## Track Horizontal

Grading	% Pass	% Ret.	TPH
1.969	100.0	0	0
1 3/4	97.8	2.2	9.3
1 1/2	94.5	3.3	14.1
1 1/4	88.7	5.8	24.6
1	82.1	6.6	28.1
3/4	72.1	10.0	42.5
1/2	69.7	2.4	10.2
3/8	39.6	30.1	128
1/4	38.6	1.0	4.3
#4	23.8	14.8	62.8
0.187	23.8	0.1	0.37
0.094	23.0	0.7	3.0
#10	18.9	4.1	17.5
#16	14.0	4.9	21.0
#30	9.1	4.9	21.0
#50	8.2	0.8	3.5
#100	8.2	0.0	0.0
#200	6.6	1.6	7.0
0	0.0	6.6	28.0
<b>Total</b>	<b>--</b>	<b>100.0</b>	<b>425</b>

	Deck 1	Deck 2	Deck 3
Size	6x20	6x20	6x20
Mesh size (inches)	1 3/4	1/2	3/16
Type	mesh	mesh	mesh
Calculation method	VSMA	VSMA	VSMA
Carry-over method	Near-size	Near-size	Near-size
Basic Capacity (tph/ft^2)	4.51	2.47	1.27
Half Size Factor	1.91	1.02	0.92
Oversize Factor	1.25	0.98	0.68
Deck Factor	1.0	0.9	0.8
Efficiency	95	92	92
Efficiency Factor	1.0	1.09	1.09
Use spray	No	No	No
Wet Factor	1.0	1.0	1.0
Open Area %	68.0	54.0	45.0
Open Area Factor	1.0	1.0	1.0
Slot Type	square	square	long
Slot Factor	1.0	1.0	1.2
Weight Factor	1.0	1.0	1.0
Actual Capacity (tph/ft^2)	10.77	2.42	0.83
Rate (fpm)	45.1	45.1	45.1
Spray Rate (gpm)	0	0	0
DBD Ratio	0.2	3.8	13.9
Power:( kW)			
TPH onto Deck	425	397	268
TPH off Deck	28	129	176
TPH through Deck	397	268	93
Required Area (ft^2)	38.8	119.5	119.5
Available Area (ft^2)	120.2	120.2	120.2

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