



Moisture-Density Relationship

ASTM D698

Toledo
1915 North 12th Street
Toledo, OH 43604
Phone: 419-324-2222
Fax: 419-241-1808

Client:
Cornerstone Crushing, LLC
1019 Wamba Ave
Toledo, OH 43607

Project:
2057401
Cornerstone Crushing, Wood Quarry
Wooster, Ohio

General Information

Sample Number: 22193	Sample Date: 06/20/2022
Location Details: Cornerstone Crushing - Wood Quarry	

Test Result

Test Date: 06/22/2022	Lab Technician: Conrad, Kerry												
Sample Preparation Method: Moist	Type of Rammer Used: Manual												
<table border="1"><caption>Graph Data Points</caption><thead><tr><th>Moisture (%)</th><th>Density (lb/ft³)</th></tr></thead><tbody><tr><td>10</td><td>111</td></tr><tr><td>11.5</td><td>116</td></tr><tr><td>13</td><td>118</td></tr><tr><td>14.5</td><td>117.5</td></tr><tr><td>16</td><td>112</td></tr></tbody></table>	Moisture (%)	Density (lb/ft³)	10	111	11.5	116	13	118	14.5	117.5	16	112	Maximum Dry Density (lb/ft³): 118.3
	Moisture (%)	Density (lb/ft³)											
	10	111											
11.5	116												
13	118												
14.5	117.5												
16	112												
Optimum Moisture: 13.6													
Test Remarks: Primary Fines													