

**METHODS OF SAMPLING AND TESTING  
MT 608-04  
VOIDS TABLE**

Percent Voids       $\frac{SG \times 6.7.355 - wt.}{SG \times 62.3555} \times 100$

Voids shown to the nearest one-tenth (1/10)

S.G.	2.55	2.26	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70
Wt/Ft <sup>3</sup>																
90	43.4	43.6	43.9	44.1	44.3	44.5	44.7	44.9	45.1	45.3	45.5	45.7	45.9	46.1	46.3	46.5
91	42.8	43.0	43.2	43.4	43.6	43.9	44.1	44.3	44.5	44.7	44.9	45.1	45.3	45.5	45.7	45.9
92	42.1	42.4	42.6	42.8	43.0	43.2	43.5	43.7	43.9	44.1	44.3	44.5	44.7	44.9	45.1	45.4
93	41.6	41.7	42.0	42.2	42.4	42.6	42.9	43.1	43.3	43.6	43.7	43.9	44.1	44.3	44.5	44.8
94	40.9	41.1	41.3	41.6	41.8	42.0	42.2	42.5	42.7	42.9	43.1	43.3	43.5	43.7	44.0	44.2
95	40.2	40.5	40.7	40.9	41.2	41.4	41.6	41.8	42.1	42.3	42.5	42.7	42.9	43.1	43.4	43.6
96	39.6	39.9	40.1	40.3	40.6	40.8	41.0	41.2	41.5	41.7	41.9	42.1	42.3	42.5	42.8	43.0
97	39.0	39.2	39.5	39.7	39.9	40.2	40.4	40.6	40.8	41.1	41.3	41.5	41.7	42.0	42.2	42.4
98	38.4	38.6	38.8	39.1	39.3	39.5	39.8	40.0	40.2	40.5	40.7	40.9	41.1	41.4	41.6	41.8
99	37.7	38.0	38.2	38.5	38.7	38.9	39.2	39.4	39.6	39.9	40.1	40.3	40.5	40.8	41.0	41.2
100	37.1	37.4	37.6	37.8	38.1	38.3	38.6	38.8	39.0	39.2	39.5	39.7	39.9	40.2	40.4	40.6
101	36.5	36.7	37.0	37.2	37.5	37.7	37.9	38.2	38.4	38.6	38.9	39.1	39.3	39.6	39.8	40.0
102	35.8	36.1	36.3	36.6	36.8	37.1	37.3	37.6	37.8	38.0	38.3	38.5	38.7	39.0	39.2	39.4
103	35.2	35.5	35.7	36.0	36.2	36.5	36.7	36.9	37.2	37.4	37.7	37.9	38.1	38.4	38.6	38.8
104	34.6	34.8	35.1	35.3	35.6	35.8	36.1	36.3	36.6	36.8	37.1	37.3	37.5	37.8	38.0	38.2
105	34.0	34.2	34.5	34.7	35.0	35.2	35.5	35.7	36.0	36.2	36.5	36.7	36.9	37.2	37.4	37.6
106	33.3	33.6	33.8	34.1	34.4	34.6	34.9	35.1	35.4	35.6	35.8	36.1	36.3	36.6	36.8	37.0
107	32.7	33.0	33.2	33.5	33.7	34.0	34.2	34.5	34.8	35.0	35.2	35.5	35.7	36.0	36.2	36.4
108	32.1	32.3	32.6	32.9	33.1	33.4	33.6	33.9	34.1	34.4	34.6	34.9	35.1	35.4	35.6	35.8
109	31.4	31.7	32.0	32.2	32.6	32.8	33.0	33.3	33.5	33.8	34.0	34.3	34.5	34.8	35.0	35.3
110	30.8	31.1	31.4	31.6	31.9	32.1	32.4	32.7	32.9	33.2	33.4	33.7	33.9	34.2	34.4	34.7
111	30.2	30.5	30.7	31.0	31.3	31.5	31.8	32.1	32.3	32.6	32.8	33.1	33.3	33.6	33.8	34.1
112	29.6	29.8	30.1	30.4	30.6	30.9	31.2	31.4	31.7	32.0	32.2	32.5	32.7	33.0	33.2	33.5

$$\text{Percent Solids} = \frac{Wt / Ft^3}{SG \times 62.4} \times 100$$