

# Specific Gravity Determination

Members: JM, JS, EE, GR, SC

Group Number: 2

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W <sub>f</sub>	182.61 g
W <sub>fw</sub> @ T <sub>1</sub>	680.02 g
T <sub>1</sub>	24 °C
W <sub>fws</sub> @ T <sub>x</sub>	726.24 g
T <sub>x</sub>	26 °C
W <sub>fw</sub> @ T <sub>x</sub>	679.766 g
Weight of Beaker & Watchglass	481.21 g
Weight of Beaker, Watchglass, and Soil	554.74 g
W <sub>s</sub>	73.53 g
γ <sub>w</sub> @ T <sub>1</sub>	0.99745 g/cm <sup>3</sup>
γ <sub>w</sub> @ T <sub>x</sub>	0.99694 g/cm <sup>3</sup>
γ <sub>w</sub> @ 20 °C	0.99843 g/cm <sup>3</sup>
γ <sub>w</sub> @ 4 °C	1 g/cm <sup>3</sup>
G <sub>s</sub> @ T <sub>x</sub>	2.71773
G <sub>s</sub> @ 20 °C	2.71367
G <sub>s</sub> @ 4 °C	2.70941