



Laboratory Specific Gravity of Soil Solis by Water Pycnometer 2025-01-22 Rev. 5 - Next Revision 2030-01-22

| Laboratory Information | | | |
|---|----------------|--|---------------------|
| Laboratory: | Test Standard: | | Test Method: |
| Technician: | Test Date: | | |
| Sample By: | Report Date: | | |
| Sample Information | | | |
| Structure: | Sample Name: | | Depth From: |
| Work Area: | Sample Number: | | Depth To: |
| Source: | Sample Date: | | North: |
| Material Type: | Elevation: | | East: |
| Testing Information | | | Laboratory Comments |
| Pycnometer used (mL) | | | |
| Pycnometer Number : | | | |
| CalibrationTemperature Tc (°C) | | | |
| Average calibrated mass of the dry pycnometer Mp (gr) | | | |
| Average calibrated volume of the pycnometer Vp (mL) | | | |
| Density of water at the calibration temperature (g/mL) | | | |
| Calibration Weight of Pynometer and water at the calibration | | | |
| temperature Mpwc,c (gr) | | | |
| Weight of Dry Soil + Tare (gr): | | | |
| Weight of Dry Soil Ms (gr): | | | |
| Weight of Pycnometer + Soil + Water Mpws,t (gr): | | | |
| Test Temperature Tt (°C) | | | |
| Density of water at the test temperature (g/mL) | | | |
| Calibration Weight of Pynometer and water at the test temperature Mpwt (gr) | | | |
| Specific Gravity of Soil Solid the test temp Gt | | | |
| Temperature Coefficent K | | | |
| Specific gravity of soil solid at 20 °C | | | |
| | | | |
| | | | |
| Reviewed By: | | | Aprooved By: |
| Date: | | | Date: |

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