Department of Civil Engineering, MIST
Geotechnical Engineering Laboratory

# MEASUREMENT OF MOISTURE CONTENT (ASTM D-2216)

| | | | | | |
|---|---|---|---|---|---|
| Project: | | | | Location: | |
| BH no: | | Depth (m): | | Soil Type: | |

| | | | | | |
|---|---|---|---|---|---|
| Name of Student: | | | | Student ID: | |
| Level/Term: | | Section: | | Group No: | |
| Course No: | | Date of Test: | | | |

## DATA SHEET

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|---|---|---|---|
| Specimen No: | | | |
| Container ID: | | | |
| Mass of container ($M_c$): | | | |
| Mass of moist soil + container ($M_1$): | | | |
| Mass of dry soil + container ($M_2$): | | | |
| Mass of moisture ($M_w$): | | | |
| Mass of dry soil ($M_s$): | | | |
| Moisture content ($w$): | | | |
| Average moisture content: | | | |

**Calculation**: $w = \frac{M_1 - M_2}{M_2 - M_c}$ x 100%

Signature of Teacher: