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LIST OF SYMBOLS

ASTM = American Society of Testing and Materials
BET = Brunauer, Emmett and Teller (1938)
EG = Ethylene Glycol
EGME = Ethylene Glycol Monoethyl Ether
erf = Error Function
CEC = Cation Exchange Capacity (meq/100g)
CPT = Cone Penetration Test
LL = Liquid Limit (%)
PL = Plastic Limit (%)
PI = Plasticity Index
MB = Methylene Blue
SA = Surface Area (m$^2$)
SPT = Standard Penetration Test
TDR = Time Domain Reflectometry
USCS = Unified Soil Classification System

$C_c$ = Compressibility Index (m$^2$/kN)
$C_{cc}$ = Compressibility Ratio
$c_v$ = Coefficient of Consolidation (m/s)
$f$ = Frequency (Hz)
$ar{f}$ = Averaging Shape Factor
$F$ = Formation Factor
$G_s$ = Specific Gravity
$G_{max}$ = Small Strain Shear Modulus
$k_h$ = Hydraulic Conductivity (m/s);
$k$ = Boltzmann’s constant
$k_h$ = Hydraulic Conductivity (m/s)
$K$ = Hydraulic Permeability (m$^2$)
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<tr>
<td>n</td>
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<tr>
<td>$m_v$</td>
<td>Compressibility (m$^2$/kN)</td>
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<td>Axial Ratio of Spheroid</td>
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