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LIST OF NOTATIONS

PI	= Index plasticity
LL	= Plasticity limit
Qc	= Cone resistance
F _s	= Adhesive resistance (kg/cm)
F _r	= Shear resistance
C _u	= Undrain shear strength (kN/m)
C _c	= Index compressibility
ø	= Angle of Repose (°)
q _u	= Shear strength of press freely (kg/cm ²)
γ _{sat}	= The weight of water saturated (kN/m ³)
γ _{dry}	= The weight of dry (kN/m ³)
k	= Coefficient permeability (m/s)
E	= Modulus elasticity (Mpa)
v	= Poisson ration
c	= Cohesion (kN/m ²)
c'	= Effective cohesion (kN/m ²)
S _i	= Direct settlement (m)
B	= Wide or diameter of landfill (m)
H	= Thickness of soil layer (m)
I _p	= non – dimensional influence factor
S	= Total settlement
S _c	= Primary consolidation (m)
S _s	= Secondary consolidation (m)
Δσ	= Changes of total stresses (kN/m ²)
Δu	= Changes of pore pressure (kN/m ²)
Δσ'	= Changes of effective stresses (kN/m ²)
u _{soil}	= Vertical movement
δ _{soil}	= Soil settlement (m)

SF = Safety Factor
k_x = Coefficient permeability in horizontal (m/day)
k_y = Coefficient permeability in vertical (m/day)
ψ = Dilatation angle (°)
t = Times (day)
μ = Pore stresses (kN/m²)
w = Moisture content (%)

LIST OF APPENDIXES

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