

CV4111 Ground Engineering	<p>1(a) 0.834 1(b) 82.8% 1(c) 4.14m³ 1(d) 0.713m 2(a) 34% 2(b) 4.814m 2(c) 0.616</p> <hr/> <p>2(d) $\sigma_2 = 0.119x + 0.169$</p> <p>3(b)(i) W₄ = 193.8kN/m u₄ = 32.3kN/m² l₄ = 3.31m</p> <p>3(b)(ii) P₄ = 175.6kN/m 3(b)(iii) Effective normal stress = 20.75kN/m² Mobilized shear stress = 9.07kN/m²</p> <p>4(a)(i) P₁ = 25545kN/m, T₁ = 5535kN/m 4(a)(ii) P₂ = 37500kN/m, T₂ = 17000kN/m</p>
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