

THE RELATION OF SLOPE FORM TO
MASS MOVEMENT NEAR PICTON, N.S.W.

by

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LIST OF SYMBOLS USED

c	cohesion
c'	cohesion under effective stress
ϕ	angle of shearing resistance
ϕ'	angle of shearing resistance under effective stress
c'_r	residual cohesion
ϕ'_r	residual angle of shearing resistance
γ	saturated density of soil
γ_w	density of water
σ'_n	effective normal stress
τ	shear stress
σ	normal stress
u	neutral pressure
I_B	Brittleness Index
λ_R	residual coefficient
β	slope inclination
m	depth fraction of soil column saturated
F	factor of safety
S	shear strength
S_f	peak shear strength
S_r	residual shear strength