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I Main Topics

A Driving and resisting stresses at the base of an inclined block on an infinite plane

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- B Factor of safety
- C Effective stress
- D Mohr-Coulomb shear failure
- E Factors promoting shear failure

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C Weak layers and weak surfaces

- Inherently weak geologic materials (clay, shale, organic material, schists, soft tuffs, talc, serpentine
- Discontinuities (Bedding planes, faults, joints)
- Strata inclined towards free face ("dip slopes")



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