



2004
SUMMER PROP INITIATIVE

“Effects of Water on Mine Roof Strata”



“Be aware that water ...”

- **Reduces friction on bedding planes, joints and fault planes thus weakening the roof.**
- **Dissolves cementing materials.**
- **When dissolving leaves minute cavities thus releasing stresses.**
- **When water is present, strata tends to expand. Water also adds weight to the roof strata and may cause roof falls.**

