

## Analysis of rock deformation mechanism using Anisotropy of Magnetic Susceptibility in Kenting Melange, Southern Taiwan.

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We measured anisotropy of magnetic susceptibility ( AMS ) and chemical composition of about 100 samples obtained from the Kenting Melange and the Mutan Formation, central of Hengchun Peninsula , Southern Taiwan. The results of chemical analysis suggest the mother rock of the Melange comes from the Mutan Formation. The AMS results can't be shown any differences between both Formations. It is possibly known when the rock was deformed ductility that effects of deformation in the rock to measure the AMS because almost grains can rotate toward to stress direction.