

Electric Pulses Associated with Bending Fracture of Granite (3)

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We have investigated characteristics of electric pulses appeared within a few milli-sec before main bending-fracture of granite specimens. The pulses had the rising time of 0.3-0.5 micro-sec and the falling time constant of 55-65 micro-sec. We have deduced approximate position, moment and direction of short electric dipole in the fracturing plane for a few events.