

GPY 403: Borehole Geophysics (3 Units)

Concepts of the logging techniques. Electrical logging methods. Resistivity, self-potential, induced Polarization, Dipmeter, gamma log etc. porosity logs- sonics, density, neutron logs, etc Others susceptibility, caliper, thermal, gravimetry logs. Instruments, Data acquisition and interpretation of logs, application of geophysical logs in oil and ground water exploration.