V

**GRMAX**

**(**

**GRMIN**

**(**

***lGR = (GRlog – GRmin)/(GRmax – GRmin)***

**Shale volume *(Vsh) = 0.083(23.7\*IGR– 1.0)* for younger or tertiary rocks.**

***Vsh = 0.33 \* (22\*IGR– 1.0)* for older rocks**

**Vsh ∝ lGR**