

Question Content	Option 1	Option 2	Option 3	Option 4
During wireline logging	Different tools are lowered	Thin sections are prepared	Mud sample is analyzed	Different tools are lowered
Wireline measurements generally starts from	Bottom of the well	Top of the well	Bottom of the well	Midpoint of the well
During wireline logging	Mud sample is analyzed	Thin sections are prepared	Mud sample is analyzed	Different tools are lowered
During geological logging	Thin sections are prepared	Thin sections are prepared	Mud sample is analyzed	Different tools are lowered
Density log is used to measure	Porosity of formation	Resistivity of formation	Lithology of formation	Porosity of formation
Latero Log is used to measure	Resistivity of formation	Resistivity of formation	Lithology of formation	Porosity of formation
SP Log is used to map	Lithology of formation	Resistivity of formation	Lithology of formation	Porosity of formation
Caliper Log is used to measure	Diameter of well	Resistivity of formation	Lithology of formation	Porosity of formation
Gamma Ray log is used to map	Lithology of formation	Resistivity of formation	Lithology of formation	Porosity of formation
Sonic log is used to measure	Porosity of formation	Resistivity of formation	Lithology of formation	Porosity of formation
Micro log is used to measure	Mud resistivity	Resistivity of formation	Mud resistivity	Porosity of formation
Latero Log is generally used for	Conductive mud	Conductive mud	Resistive mud	Oil based mud
Induction Log is generally used for	Resistive mud	Conductive mud	Resistive mud	Water based mud
SP logs are used to calculate the	Volume of shell	Formation resistivity	Mud resistivity	Water saturation

LLDs are used to calculate the	Uninvaded zone resistivity	Inveded zone resistivity	Transition zone resistivity	Uninvaded zone resistivity
LLS is used to calculate the	Inveded zone resistivity	Inveded zone resistivity	Transition zone resistivity	Uninvaded zone resistivity
In a gas saturated zone, LLD readinds with respect to LLS readings are	Higher	Higher	Lower	Equal
In a water saturated zone, LLD readinds with respect to LLS readings are	Equal	Higher	Lower	Equal
SP values of a clean sand layer is higher than impermeable shale when	$R_w > R_{mf}$	$R_w = R_{mf}$	$R_w < R_{mf}$	$R_w > R_{mf}$