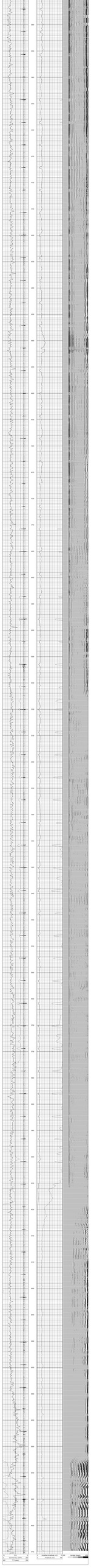
Caliper (in)
6
16
Gamma Ray (API)
0
150
Resistivity (ohm.m)
0.2
2000
Deep
Medium
Shallow
Density (g/cm3)
1.95
2.95
Neutron Porosity (dec)
0.45
-0.15
Sandstone
Limestone
Dolomite
Invaded Zone
Undisturbed Zone
Mud Cake
Bad Hole
Gas
Oil
Water
Shale
Coal
Anhydrite
Salt
Tight Zone
Fracture
Vug
Conglomerate
Breccia
Chert
Pyrite
Siderite
Clay
Kaolinite
Illite
Chlorite
Montmorillonite
Glauconite
Feldspar
Quartz
Mica
Organic Matter
Fossil
Bioturbation
Cross Bedding
Parallel Lamination
Ripple Lamination
Graded Bedding
Slump
Fault
Unconformity
Core
Sidewall Core
Cuttings
Thin Section
SEM
XRD
Geochemistry
Biostratigraphy
Palynology
Nannofossil
Foraminifera
Ostracod
Radiolarian
Diatom
Dinoflagellate
Acritarch
Spore
Pollen
Conodont
Trilobite
Brachiopod
Bivalve
Gastropod
Ammonite
Belemnite
Crinoid
Echinoid
Coral
Sponge
Algae
Stromatolite
Reef
Carbonate Mud
Grainstone
Packstone
Wackestone
Mudstone
Boundstone
Framestone
Bindstone
Karst
Cave
Speleothem
Stalactite
Stalagmite
Flowstone
Travertine
Tufa
Caliche
Laterite
Bauxite
Coal Seam
Lignite
Peat
Anthracite
Bituminous
Subbituminous
Metamorphic
Igneous
Basalt
Granite
Rhyolite
Andesite
Gabbro
Diorite
Pegmatite
Obsidian
Pumice
Tuff
Volcanic Ash
Lava Flow
Dike
Sill
Batholith
Pluton
Volcano
Caldera
Geyser
Hot Spring
Mid-Ocean Ridge
Subduction Zone
Trench
Island Arc
Back-Arc Basin
Forearc Basin
Accretionary Wedge
Ophiolite
Mantle
Crust
Moho
Lithosphere
Asthenosphere
Plate Boundary
Transform Fault
Rift Valley
Passive Margin
Active Margin
Continental Shelf
Continental Slope
Continental Rise
Abyssal Plain
Deep Sea Fan
Turbidite
Hemipelagic
Pelagic
Contourite
Drift
Moat
Levee
Channel
Canyon
Submarine Fan
Alluvial Fan
Braided River
Meandering River
Floodplain
Oxbow Lake
Point Bar
Crevasse Splay
Backswamp
Delta
Distributary
Mouth Bar
Prodelta
Delta Front
Delta Plain
Estuary
Lagoon
Barrier Island
Tidal Flat
Salt Marsh
Mangrove
Beach
Dune
Aeolian
Desert
Playa
Sabkha
Evaporite
Gypsum
Halite
Potash
Carnallite
Sylvite
Trona
Borax
Nitrate
Phosphate
Iron Formation
Manganese Nodule
Polymetallic Nodule
Hydrothermal Vent
Black Smoker
White Smoker
Cold Seep
Methane Hydrate
Clathrate
Permafrost
Ice
Glacier
Moraine
Till
Outwash
Varve
Dropstone
Iceberg
Ice Rafted Debris
Tillite
Diamictite
Boulder
Cobble
Pebble
Granule
Sand
Silt
Clay
Mud
Gravel
Conglomerate
Breccia
Sandstone
Siltstone
Claystone
Mudstone
Shale
Limestone
Dolostone
Chalk
Marl
Coquina
Oolite
Pisolite
Micrite
Sparite
Dolomite
Calcite
Aragonite
Vaterite
Amorphous Calcium Carbonate
Magnesian Calcite
High-Magnesium Calcite
Low-Magnesium Calcite
Stylolite
Dissolution Seam
Pressure Solution
Cementation
Recrystallization
Dolomitization
Silicification
Chertification
Phosphatization
Glauconitization
Bioturbation
Burrow
Trace Fossil
Ichnofossil
Skolithos
Cruziana
Zoophycos
Nereites
Glossifungites
Trypanites
Teredolites
Gnathichnus
Rhizocorallium
Thalassinoides
Chondrites
Planolites
Palaeophycus
Arenicolites
Diplocraterion
Monocraterion
Conichnus
Bergaueria
Arthrophycus
Taphrhelminthopsis
Paleodictyon
Nemertilites
Helminthoida
Helminthoidichnites
Gordia
Spirophyton
Scolicia
Oichnus
Entobia
Caulostrepsis
Maeandropolydora
Osprioneides
Rogerella
Meandropolydora
Caulostrepsis taurocollis
Entobia cretacea
Oichnus paraboloides
Oichnus simplex
Trypanites weisei
Teredolites clavatus
Gnathichnus pentax
Rhizocorallium jenense
Thalassinoides suevicus
Chondrites targionii
Planolites beverleyensis
Palaeophycus tubularis
Arenicolites carbonarius
Diplocraterion parallelum
Monocraterion tentaculatum
Conichnus conicus
Bergaueria perata
Arthrophycus alleghaniensis
Taphrhelminthopsis circularis
Paleodictyon strozzii
Nemertilites ordinatus
Helminthoida labyrinthica
Helminthoidichnites tenuis
Gordia marina
Spirophyton cauda-galli
Scolicia strozzii
Oichnus paraboloides
Oichnus simplex
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