Plate 1

Legend to sedimentary logs, except where indicated otherwise on specific figures. The logs in this bulletin originate from a wide range of studies – stratigraphic, sedimentological, geochemical, volcanic – over the past three decades. Complete consistency in style has thus proven to be unachievable, resulting in duplication of symbols for certain sedimentary features.

Lithology

- Breccia
- Conglomerate
- Pebbly sandstone
- Sand/sandstone
- Strongly cemented sandstone
- Differential cementation
- Mudstone
- Sandy mudstone
- Sandy mudstone
- Pebbly mudstone
- Pebbly sandy mudstone
- Coal
- Agglomerate
- Invasive lava
- Columnar jointing
- Entablature
- Basement clasts
- Mudstone clasts
- Sandstone clasts
- Coal clasts
- Coal lens
- Concretion
- Pyrite
- Tuff
- Thin tuff bed, thickness in mm
- Thin siderite-cemented bed, thickness in mm
- Volcanic rocks
- Intrusions

Sedimentary structures

- Trough cross-bedding
- Trough cross-bedding
- Trough cross-bedding
- Indistinct cross-bedding
- Planar cross-bedding
- Planar cross-bedding
- Low-angle cross-bedding
- Sigmoidal cross-stratification
- Compound cross-stratification
- Intrasets
- Foresets draped with coal debris
- Reactivation surface
- Hummocky and swaley cross-stratification
- Hummocky cross-stratification
- Hummocky cross-stratification
- Hummocky cross-stratification
- Hummocky cross-stratified bed
- Parallel lamination
- Parallel lamination
- Weak lamination
- Bioturbation
- Structureless
- Structureless
- Wavy bedding
- Flaser bedding
- Lenticular bedding
- Wave-ripple cross-lamination
- Ripple cross-lamination
- Sand streak
- Thin sand streak
- Soft sediment deformation due to water escape
- Slump fold
- Imbrication
- Erosive sandstone bed
- Ptygmatic fold, synaeresis crack

Trace fossils and biota

- Weak to intense bioturbation
- *Ophiomorpha nodosa*
- *Ophiomorpha irregulaire*
- *Teichichnus rectus*
- *Rhizocorallium* isp.
- *Thalassinoides* isp.
- *Helminthopsis horizontalis*
- *Planolites* isp.
- U-shaped burrows
- Bivalve
- Ammonite
- Belemnite
- Gastropod
- Crinoid
- Coral
- Crab
- Echinoid
- Foraminifers
- Fish
- Plant fragments
- Rootlets
- Logs
- Tree trunk
- Dinoflagellate cysts

Miscellaneous

- Fault
- Landslide
- Erosional surface
- Sharp boundary
- Gradational boundary
- Disturbed bedding
- Fault
- Gypsum
- Sediment transport direction, palaeocurrent
- Tidal palaeocurrents
- Wave-ripple crest
- Flute casts
- Slump fold axis
- Not exposed, no recovery (cores)
- Gas
- Traces of oil/bitumen
- Fining-upward cycle
- Coarsening-upward cycle
- Tr Transgressive sand sheet

Depositional environment

- Alluvial fan
- Lake
- Fluvial channel
- Flood plain
- Delta plain
- Delta front
- Coastal plain
- Estuary
- Marine shoreface
- Marine shelf
- Marine slope
- Marine slope channel