



The Digital Core Atlas for Sally May 2 provides a detailed view of 444 m of HQ-sized core (98 mm) drilled by Kingsway Oil Pty Ltd on the Broome Platform, Canning Basin in June 2009. The Core Atlas project is a collaboration between the Geological Survey of Western Australia (GSWA) and Kingsway Oil Pty Ltd that combines core photographs with the raw datasets collected from the well in one fully integrated package.

This Core Atlas is presented as an electronic flip-book with interactive links to enable the user to view the results of multiple datasets in one convenient and user-friendly location. Each core tray has a field photo and a HyLogger photo, marked with depths and icons linked to each of the various analyses available for a given depth interval. Each page shows the location of the core tray being displayed and contains a link to a detailed stratigraphic log for the interval containing that core tray.

**Datasets presented in the Sally May 2, Canning Basin: Digital Core Atlas include:**

1. Biostratigraphy
  - Conodonts
  - Micellaneous fossils (MF)
2. Geochronology
  - Chemical abrasion isotope dilution thermal ionization mass spectrometry (CA-IDTIMS)
  - Laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS)
  - Sensitive high-resolution ion microprobe (SHRIMP)
3. Inorganic geochemistry
  - Inductively coupled plasma mass spectrometry (ICP-MS)
  - Stable isotopes (SI)
  - X-ray diffraction (XRD)
  - X-ray fluorescence (XRF)
4. Organic geochemistry
  - Fluid inclusion stratigraphy (FIS)
  - Gas chromatography mass spectrometry (GC-MS)
  - Total organic matter and Rock-Eval (TOC+RE)
5. Petrography
  - Acetate peels (AP)
  - Scanning electron microscopy (SEM)
  - Thin sections (TS)
6. Petrophysics
  - Computed tomography (CT)
  - Porosity and permeability (PP)
  - Rock mechanics (RM)
  - Shale rock properties (SRP)
  - Tight rock analysis (TRA)

**Sally May 2, Canning Basin: Digital Core Atlas**

Free (online): <<https://wapims.dmp.wa.gov.au/WAPIMS/Search/CoreAtlas>>.

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