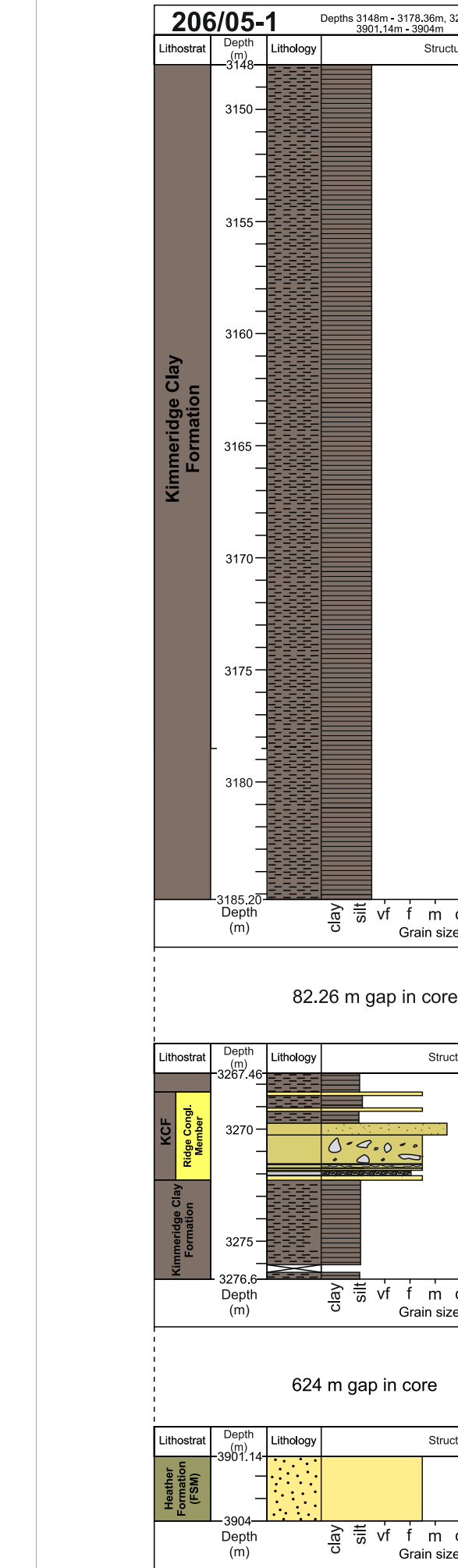
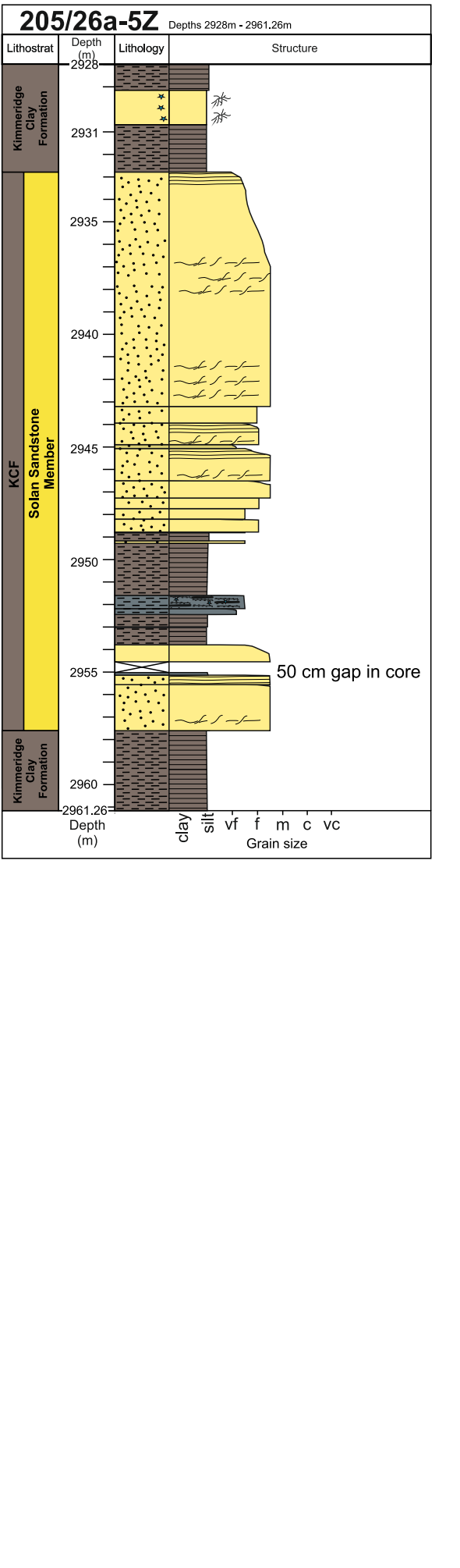
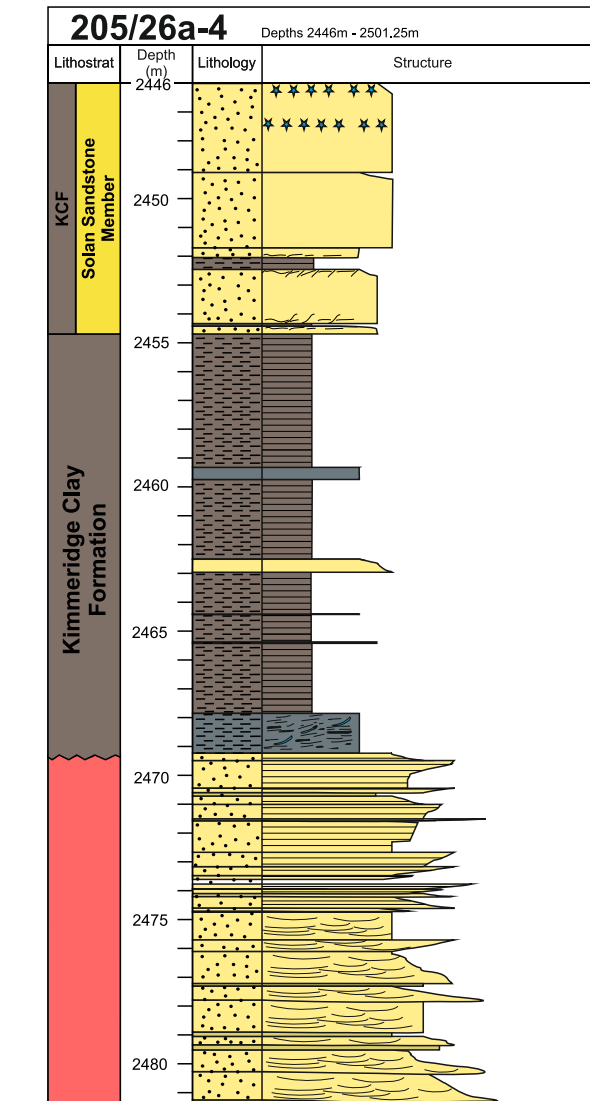
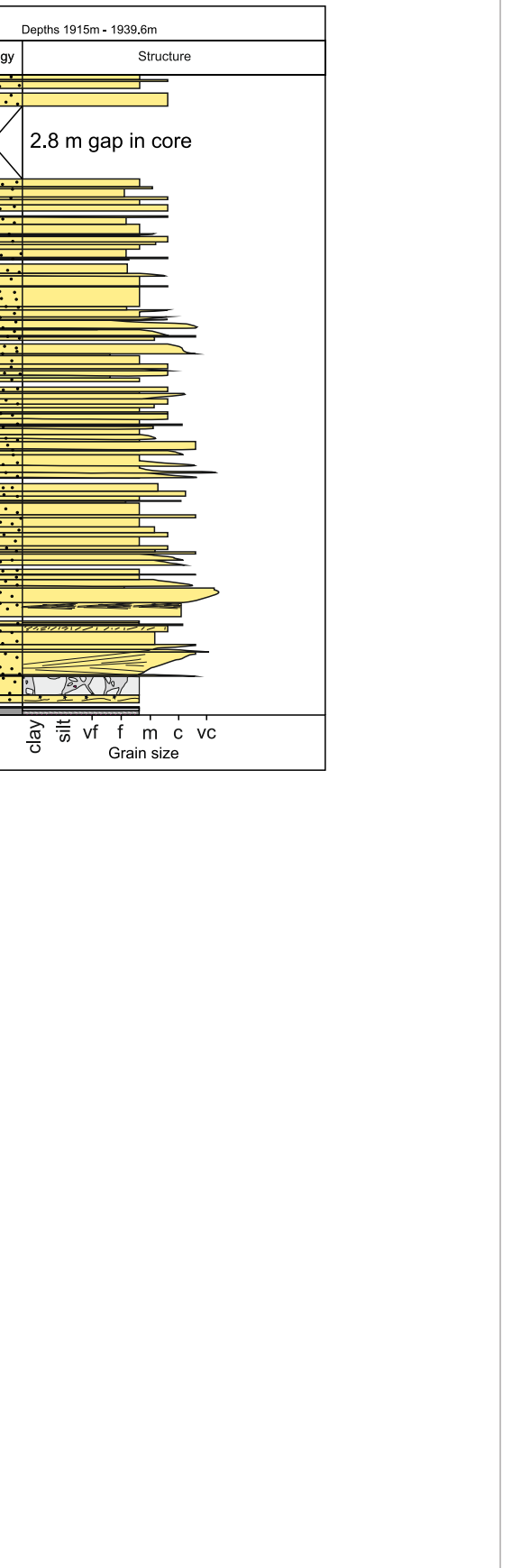
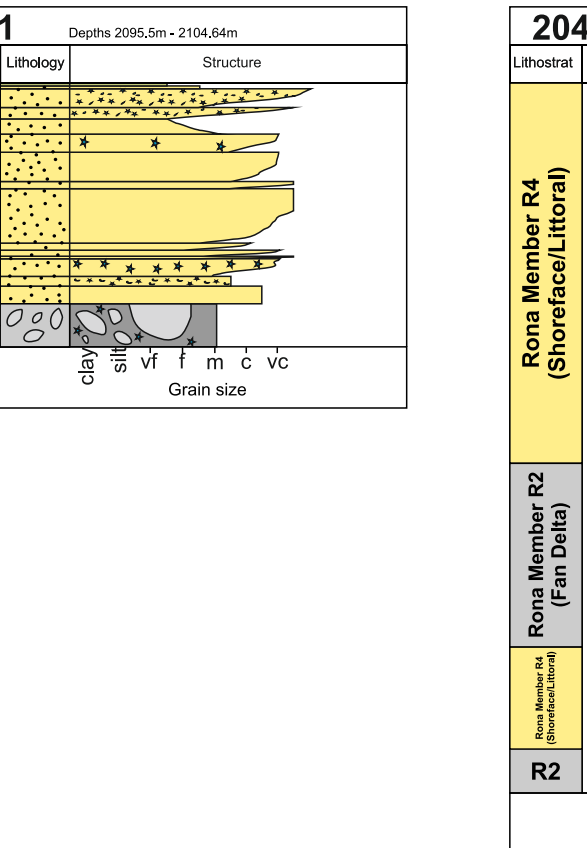
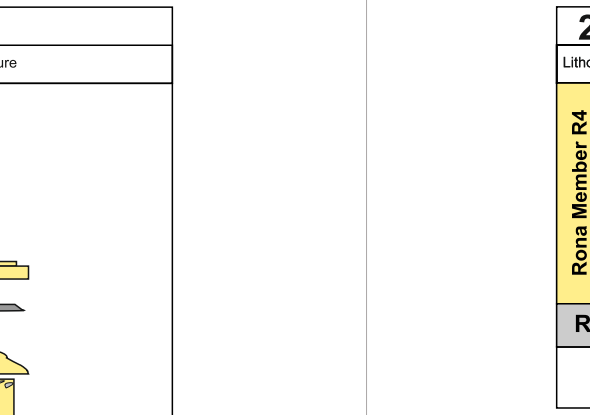
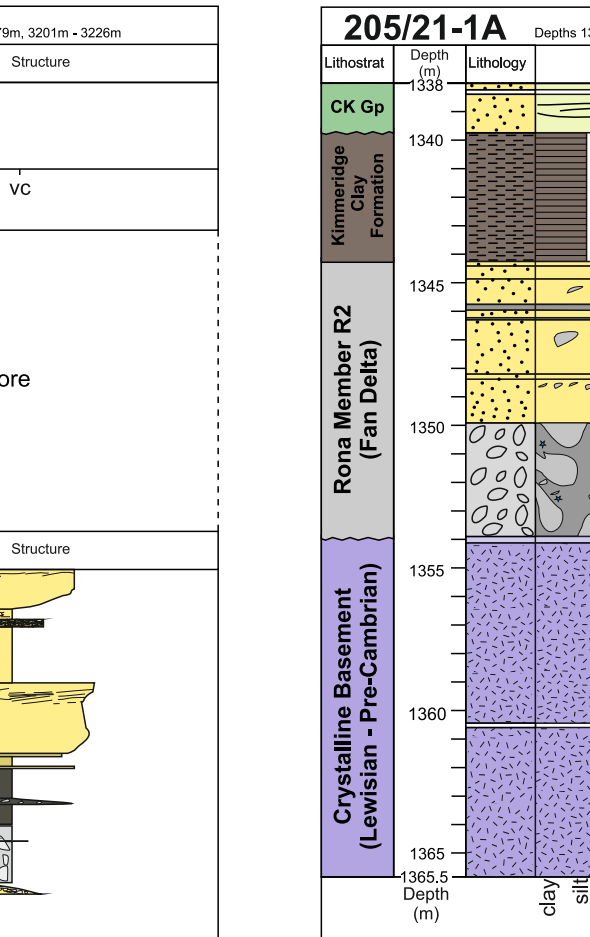
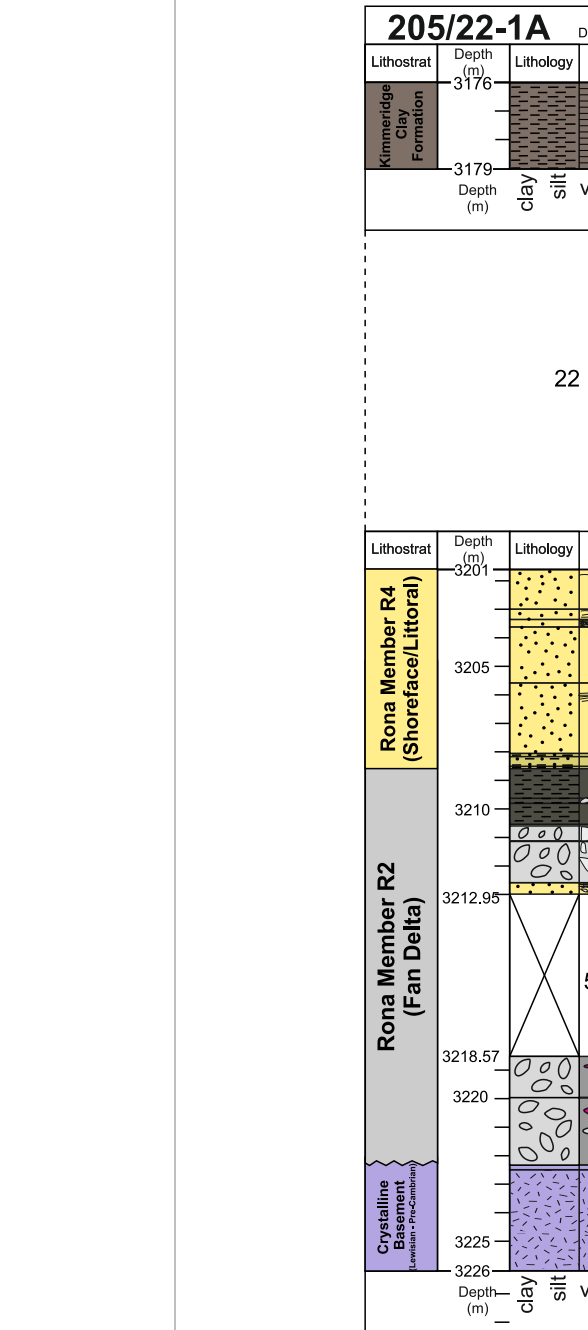
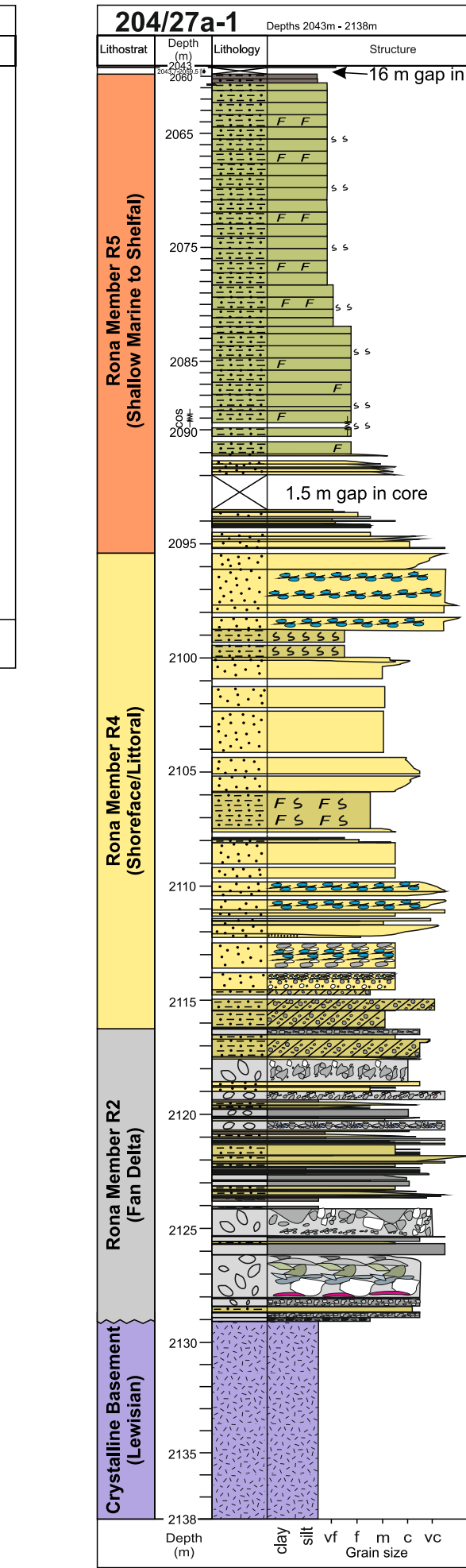
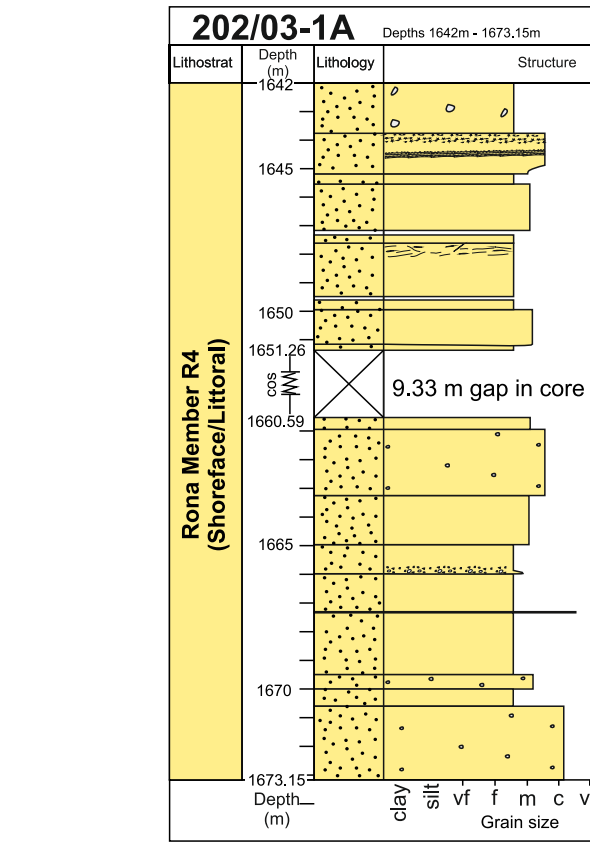
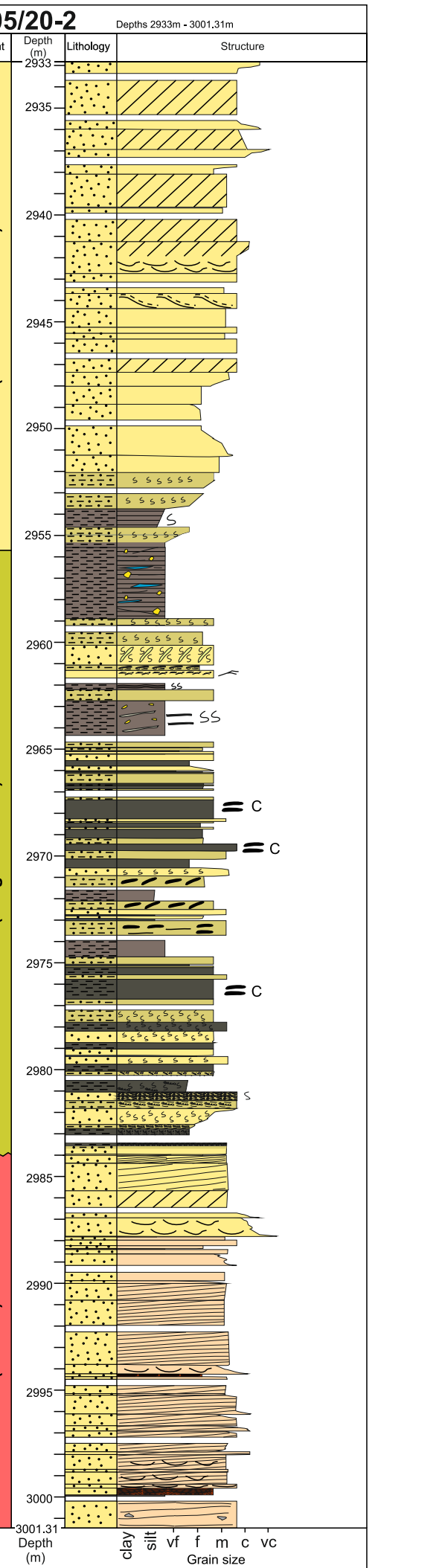
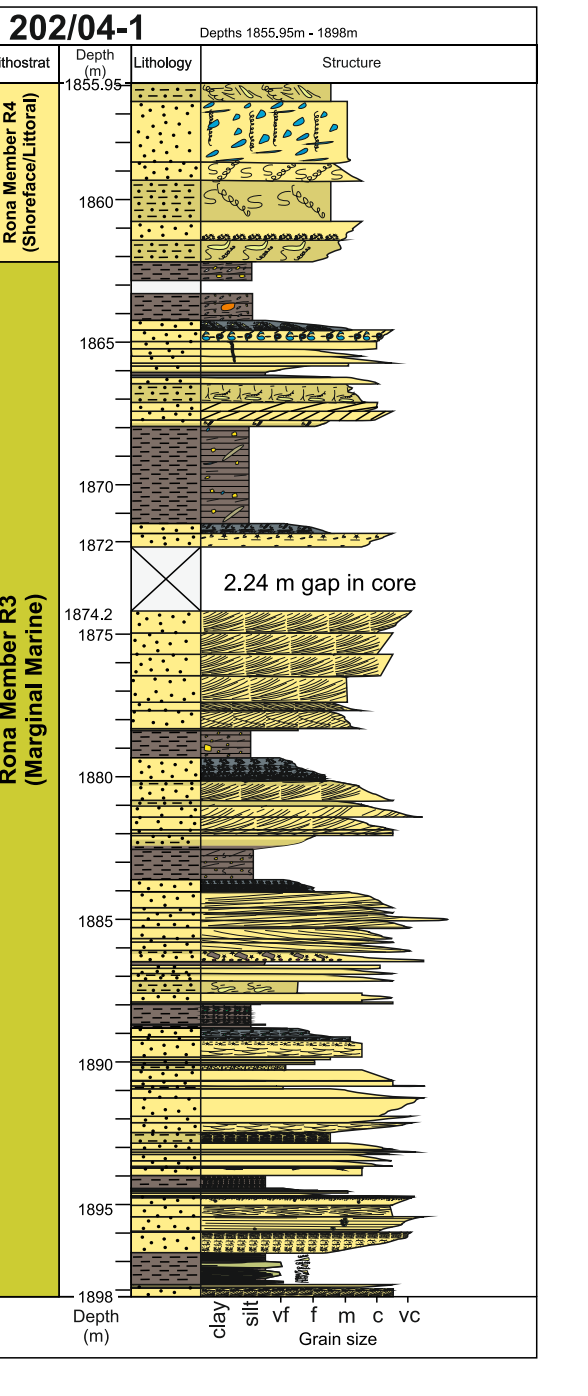
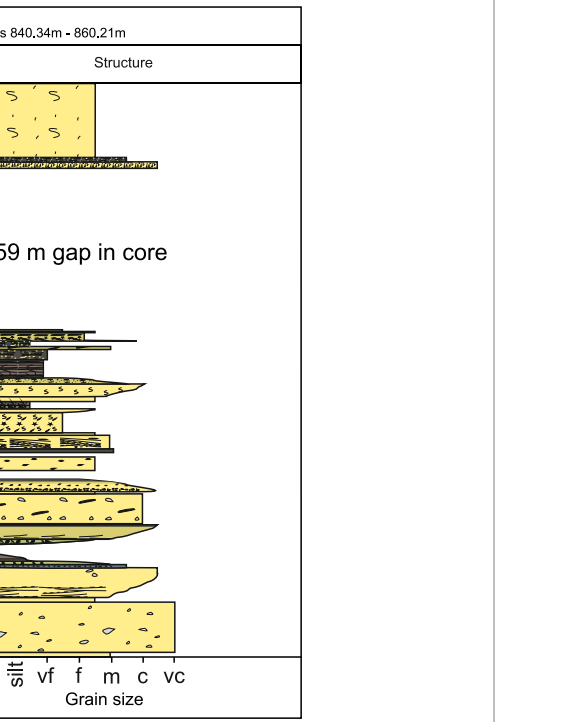
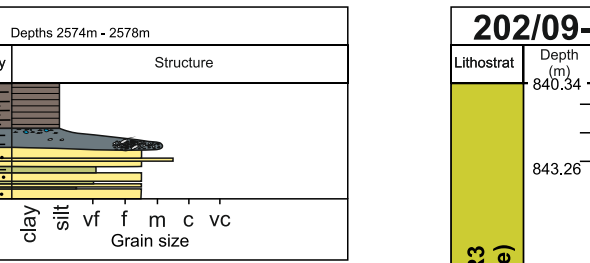
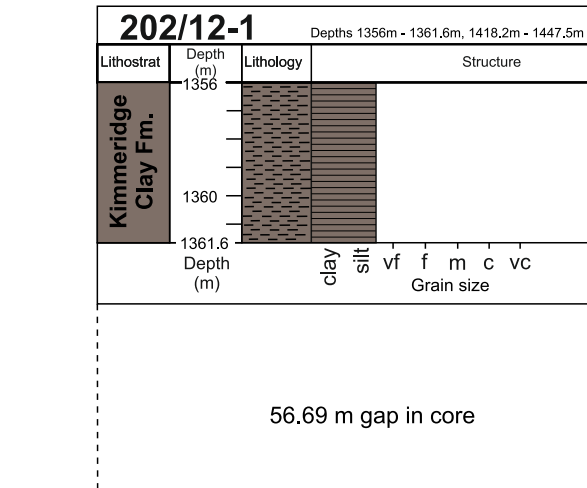
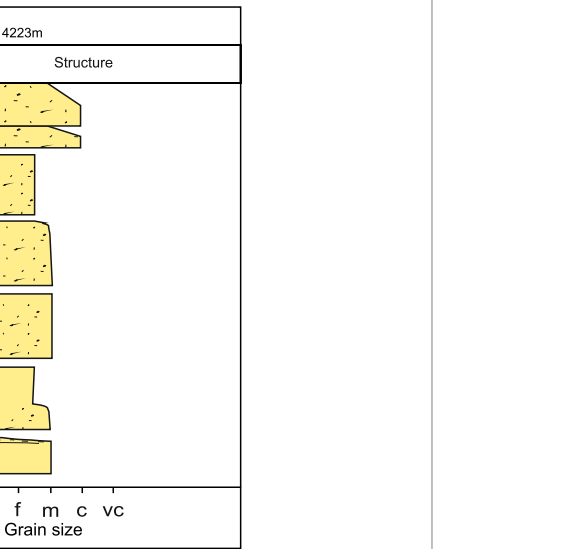
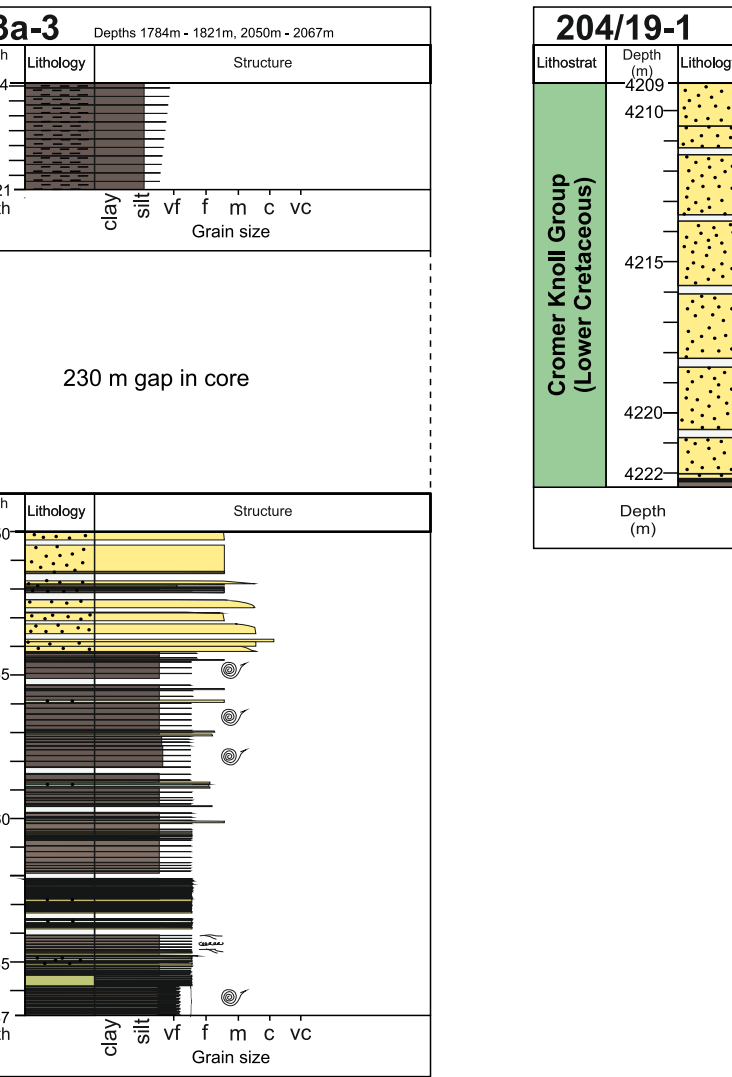


Appendix A.

## Representative Sedimentary Logs



## Key

Change of Scale

### Lithology

- Sandstone
- Sandstone (with intercalated clay)
- Mudstone
- Argillaceous Sandstone
- Sandstone and Mudstone
- Mudstone and Sandstone
- Crystalline rock
- Conglomerate

### Sedimentary Structures & Fauna

- Parallel Lamination
- Clay Drape
- Dish Structures
- Load Casts
- Ripple Cross Lamination
- Bioturbation (High=SSS/Low=S)
- Trough Cross Bedding
- Sigmoidal Cross Bedding
- Planar Cross Bedding
- Soft-sediment Deformation
- Low-angle, Inclined Parallel Lamination
- Massively Bedded (Structureless)
- Symmetrical Ripples
- Flaser Lamination
- Brittle & Ductile Deformation (post-depositional)
- Matrix-supported
- Clast-supported
- Ammonites
- Bivalve
- Carbonate Cement
- Carbonaceous Clasts
- Inclined Burrows