

WINDERMERE-2

Location: OTWAY BASIN
 Latitude: 38 14 10.56 S
 Longitude: 142 01 17.9 E



State Government
 Department of
 Primary Industries

Total Depth Drilled (KB) = 3595.4 m; Depth logged (KB) = 3599.9 m
 KB Elevation = 51.65 m amsl
 Seismic line reference: MO88-52 sp 367

Completed by Minora Resources N.L.
 Status = plugged & abandoned

Lithostratigraphy from Windermere-2 WCR
 Lithological interpretation Natalia Liberman (2000)
 Palynology by Roger Morgan (1989)
 Produced by the Basin Studies Group 16-Oct-2000

Lithological legend

- | | | |
|-----------------------------|---------------------------------|-----------------------------|
| Carbonate Lithotypes | Siliciclastic Lithotypes | Others |
| Limestone | Conglomerate | Extrusive rocks |
| Limestone, sandy | Sandstone, pebbly | Mafic sills |
| Limestone, dolomitic | Sandstone | Plutonic rocks |
| Dolomite | Sandstone, calcareous | Metamorphic rocks |
| Dolomite, calcareous | Sandstone, argillaceous | |
| Marl | "Greensand" | |
| | | Bedded sandstone & mudstone |
| | | Siltstone |
| | | Mudstone (shale) |
| | | Mudstone, calcareous |
| | | Claystone |
| | | Coal |

Accessory minerals legend

- C - carbonaceous debris
 - P - pyrite
 - G - glauconite
 - M - mica
- Arrowheads indicate SWC range & abundance
 Patterns indicate outtings/core range & abundance

Pristane/Phytane Legend

- < 1.5 Anoxic - Subaqueous (lacustrine or marine)
- 1.5 - 3.0 Trans - Transitional environment
- > 3.0 Oxidic - Subaerial environment

Palynological scheme legend

- SPORE-POLLEN:**
- T.be = T. bellus
 - P.tu = P. tuberculatus
 - N.as = N. asperus
 - P.as = P. asperopolus
 - M.di = M. diversus
 - L.ba = L. balnei
 - F.lo = F. longus
 - T.li = T. lilioides
 - N.se = N. senectus
 - T.ap = T. apiculatus
 - P.ma = P. mawsonii
 - H.un = H. unformis (A. di = A. distocarinatus)
 - P.pa = P. paradoxus
 - C.pa = C. paradoxa
 - C.st = C. striatus
 - C.hu = C. hughesii
 - P.no = P. nodosus
 - F.wo = F. wonthaggiensis
 - C.au = C. australiensis
 - R.wa = R. weathercoensis
- DINOFLAGELLATES:**
- W.th = W. thompsonae
 - C.in = C. incompositum
 - H.sa = H. saemianense
 - D.he = D. heterophlyctia
 - A.hy = A. hyperacantha
 - A.no = A. nonomorphum
 - E.cr = E. crassitabulata
 - T.ev = T. evittii
 - P.py = P. pyrophorum
 - M.dr = M. droggii
 - I.ko = I. korjenense
 - X.au = X. australis
 - N.ac = N. aceris
 - I.ro = I. rotundatum
 - L.cr = L. cristatum
 - O.po = O. porifera
 - C.st = C. striatococcus
 - P.in = P. infusorioides
- PALYNOLOGICAL ENVIRONMENTS:**
- nm - non marine
 - lac - lacustrine
 - est - estuarine
 - mm - marginal marine
 - ns - nearshore marine
 - om - offshore marine
- PALYNOLOGY SAMPLES:**
- ◀ samples from cuttings
 - ◀ samples from SWC/core
- N.B. Not all lithological patterns in the legend have been used in this wellsheet.*
N.B. Not all palynological zones in the legend have been used in this wellsheet.
N.B. Environments are based on spore-pollen/dino ratios.

Hydrocarbon shows/tests legend

- Gas show (weak)
 - Gas show (strong)
 - Gas zone
 - Oil show (weak)
 - Oil show (strong)
 - Oil zone
 - Oil/gas show (weak)
 - Oil/gas show (strong)
 - Oil fluorescence
 - CO₂ zone
 - RFT test
- N.B. Not all hydrocarbon symbols in the legend have been used in this wellsheet.*

