

# PORT\_CAMPBELL\_2

Location: OTWAY BASIN  
 Latitude: -38.598565 S  
 Longitude: 142.9884834 E

Total Depth Drilled (KB) = 2696 m  
 KB Elevation = 86.6 m amsl  
 Seismic line reference: OB81A-49 SP 246  
 Completed by Frome-Broken Hill 1960  
 Status = P&A

Lithostratigraphy by Partridge 1996 and GSV Report 103  
 Lithological interpretation WCR  
 Palynology by Partridge 1996, Dittmann 1970  
 Produced by the Basin Studies Group 25-Oct-2001



## Lithological legend

<b>Carbonate Lithotypes</b>	<b>Siliciclastic Lithotypes</b>	<b>Others</b>
Limestone	Conglomerate	l'bedded sandstone & mudstone
Limestone, sandy	Sandstone, pebbly	Siltstone
Limestone, dolomitic	Sandstone	Mudstone (shale)
Dolomite	Sandstone, calcareous	Mudstone, calcareous
Dolomite, calcareous	Sandstone, argillaceous	Claystone
Mari	"Greensand"	Coal
		Extrusive rocks
		Mafic sills
		Plutonic rocks
		Metamorphic rocks

N.B. Not all lithological patterns in the legend have been used in this wellsheet.

## Accessory minerals legend

C - carbonaceous debris  
 P - pyrite  
 G - glauconite  
 M - mica

Arrowheads indicate SWC range & abundance  
 Patterns indicate cuttings/core range & abundance

trace common  
 minor abundant

## 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. balmei
F.io	= F. longus
T.li	= T. lilioides
N.se	= N. senectus
T.ap	= T. apoxyxenus
P.ma	= P. mawsonii
H.un	= H. uniformis (A. di = A. distocarinatus)
P.pa	= P. pannosus
C.pa	= C. paradoxus
C.st	= C. striatus
C.hu	= C. hughesii
P.no	= P. notensis
F.wo	= F. wonthaggiensis
C.au	= C. australiensis
R.wa	= R. watercoensis

**DINOFLAGELLATES:**

C.in	= C. incompositum
D.he	= D. heterophlycta
A.hy	= A. hyperacantha
A.ho	= A. homiomorphom
E.cr	= E. crassitabulata
T.ev	= T. evittii
M.dr	= M. druggii
I.ko	= I. korogense
X.au	= X. australis
N.ac	= N. aceras
I.ro	= I. rotundatum
L.cr	= L. cretaceum
O.po	= O. porifera
C.st	= C. striatococcus
P.in	= P. infusorioides

N.B. Not all palynological zones in the legend have been used in this wellsheet.

## 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
♌	CO <sub>2</sub> zone
♍	RFT test

N.B. Not all hydrocarbon symbols in the legend have been used in this wellsheet.

## Palynologists' environments legend

nm	- non marine	mm	- marginal marine
lac	- lacustrine	ns	- nearshore marine
est	- estuarine	om	- offshore marine

N.B. Environments are based on spore-pollen/dino ratios.

