

LAKE REEVE_1

Location: GIPPSLAND BASIN
 Latitude: 38.326082 S
 Longitude: 147.2552111 E



Total Depth Drilled (KB) = 2015 m; Depth Logged (KB) = m
 KB Elevation = 5.2 m amsl
 Seismic line reference:

Completed by
 Status =

Lithostratigraphy by
 Lithological interpretation
 Palynology by

Produced by the Basin Studies Group 18-Jul-201

Lithological legend

Carbonate Lithotypes	Siliciclastic Lithotypes	Others
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	Sandstone, glauconitic	Coal
	"Greensand"	

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 Oxid - 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.lo	= F. longus
T.li	= T. lilliei
N.se	= N. senecius
T.ap	= T. apoxyxinus
P.ma	= P. mawsonii
H.un	= H. uniforma (A. di = A. distocarinatus)
P.pa	= P. pannosus
C.pa	= C. paradoxa
C.st	= C. striatus
C.hu	= C. hughesii
P.no	= P. notensis
F.wa	= F. worthaggenis
C.au	= C. australiensis
R.wa	= R. watheroensis

DINOFLAGELLATES:

C.in	= C. incompositum
D.he	= D. heterophlyctia
A.hy	= A. hyperacantha
A.ho	= A. homomorphom
E.cr	= E. crassifabulata
T.ev	= T. evittii
M.dr	= M. druggii
I.ko	= I. koronenense
X.au	= X. australis
N.ac	= N. aceris
I.ro	= I. rotundatum
I.cr	= I. 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.

Palynologists' environments legend

nm - non marine
 lac - lacustrine
 est - estuarine

mm - marginal marine
 ns - nearshore marine
 om - offshore marine

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
☼	CO ₂ zone
⊙	RFT test

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

