

VOLUTA-1

Location: Offshore Otway Basin
 Latitude: 38 25 46.66 S
 Longitude: 141 18 47.53 E

Water Depth = 91.7 m
 Total Depth Drilled (KB) = 3973.68 m;
 Depth logged (KB) = 3782.56 m
 KB Elevation = 34.13 m amsl

Seismic line reference: OD-66-29, sp 86
 Completed December 21, 1967 by the Shell Company of Australia
 Status = Plugged & abandoned

Lithostratigraphy by Andrew Constantine (1999)
 Lithological interpretation by Natalia Liberman (1998)
 Palynology by Alan Partridge (1996) & WCR

Produced by the Basin Studies Group 19-May-99
 for Enclosure 1, VIMP 68



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	Sandstone, glauconitic	
	"Greensand"	

Other Lithotypes:
 I'bedded sandstone & mudstone
 Siltstone
 Mudstone (shale)
 Mudstone, calcareous
 Claystone
 Coal

Accessories:
 Carbonaceous debris
 Pyrite
 Glauconite
 Mica

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

Palynologists' environments legend

Hydrocarbon shows/tests legend

