

TRITON-1
 Location: Offshore Otway Basin
 Latitude: 38 58 59.95 S
 Longitude: 142 31 48.94 E
 Water Depth = 100 m
 Total Depth Drilled (KB) = 3545 m;
 Depth logged (KB) = 3526 m
 KB Elevation = 21 m amsl
 Seismic line reference: OE80A-1039, sp 2570
 Completed May 1, 1982 by Esso Australia Ltd
 Status = Plugged & abandoned
 Lithostratigraphy by Geoff Geary (1998)
 Lithological interpretation by Natalia Liberman (1998)
 Palynology by R. Morgan (1992)
 Produced by the Basin Studies Group 02-Jun-99
 for Enclosure 3, 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" | |
| | | Coal |
- N.B. Not all lithological patterns in the legend have been used in this wellsheet.

Palynological scheme legend

- SPORE-POLLEN:**
- | | |
|-------|--|
| T. be | = T. bellus |
| P. lu | = P. tuberculatus |
| N. as | = N. asperus |
| P. as | = P. asperopolus |
| M. di | = M. diversus |
| L. ba | = L. balmel |
| F. lo | = F. longus |
| T. li | = T. lilliei |
| N. se | = N. senectus |
| T. ap | = T. apocyninus |
| H. un | = H. uniformis (A. di = A. distocarinus) |
| 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. watheroensis |
- DINOFLAGELLATES:**
- | | |
|-------|---------------------|
| W. th | = W. thompsonae |
| C. in | = C. incompositum |
| H. ta | = H. tasmanense |
| D. ho | = D. heterophlyctia |
| A. hy | = A. hyperacantha |
| A. ho | = A. homomorphum |
| E. cr | = E. crassitabulata |
| T. ev | = T. evittii |
| P. py | = P. pyrophorum |
| M. dr | = M. drougii |
| I. ko | = I. korjennense |
| N. ac | = N. aceres |
| I. ro | = I. rotundatum |
| N. cr | = N. cretaceum |
| O. po | = O. porifera |
| N. au | = N. australis |
| R. in | = R. infusoroides |
- 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
 - CO₂ zone
 - RFT test
- N.B. Not all hydrocarbon symbols in the legend have been used in this wellsheet.

Accessory minerals legend

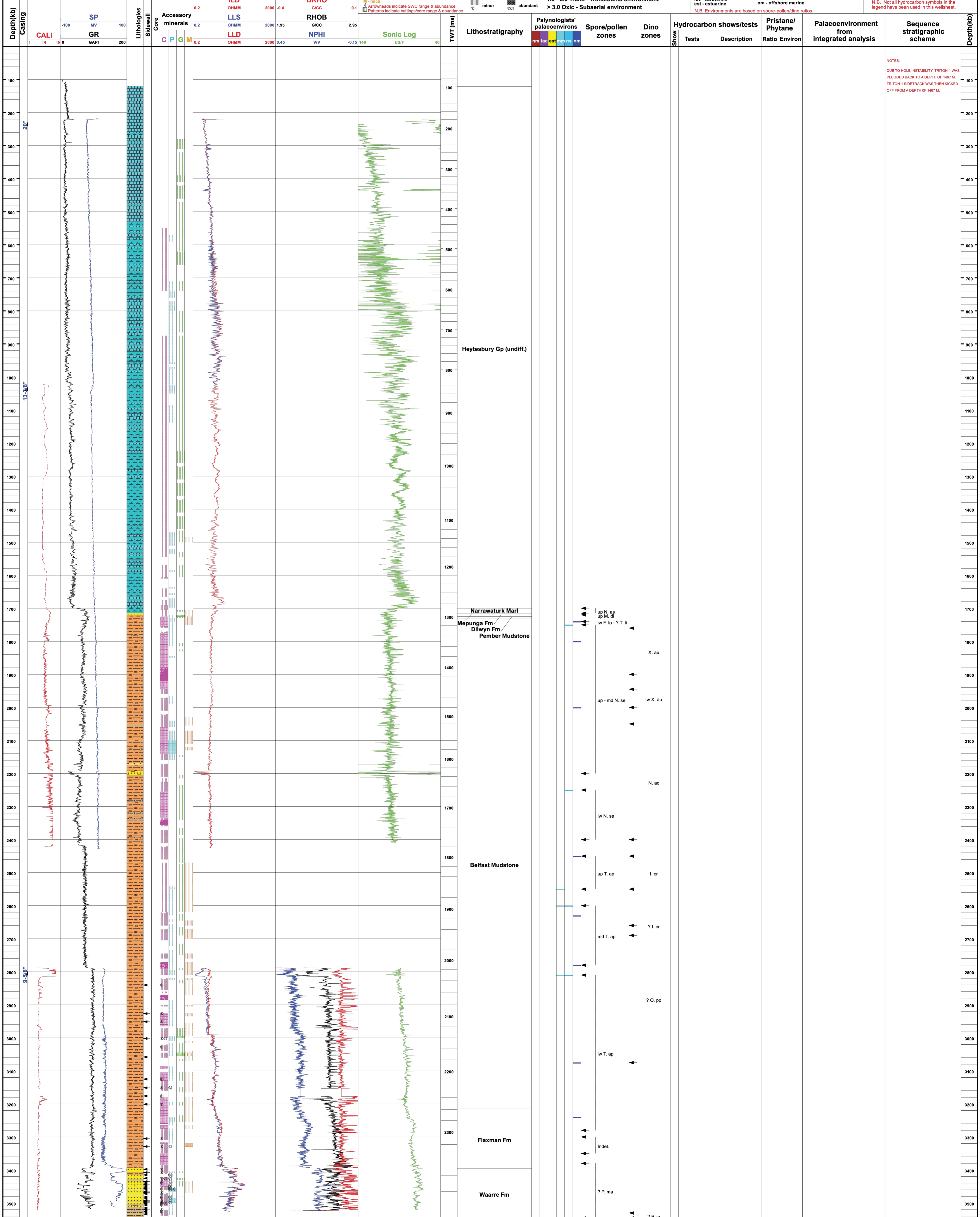
- C - carbonaceous debris
 P - pyrite
 G - glauconite
 M - mica
- Arrowsheads indicate SWC range & abundance
 Arrows indicate cuttings/core range & abundance

Pristane/Phytane Legend

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

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.



NOTES:
 DUE TO HOLE INSTABILITY, TRITON-1 WAS
 PLUGGED BACK TO A DEPTH OF 1467 M.
 TRITON-1 SIDETRACK WAS THEN KICKED
 OFF FROM A DEPTH OF 1467 M.