



SAMPLE DEPTH (metres)

DEPT OF MINES DRILLING SHELL DRILLING

- CLAVIFERA OF TRIPLEX BOCHONNINA
- TRICOLPITES SP. VERTICILLATUS COUPER
- TRICOLPITES SP. (RINELY RETICULATE)
- FRANCOPOLENITES OF VARIFORMIS BURGER
- CLASSIPOLLIS SP.
- TRICOLPITES SP. AUSTROCALYPTITES (COOKSON)
- TRICOLPITES SP. (RINELY FRACILE)
- OSKALINDACIDITES WELLMANNI COUPER
- CRANWELLIPOLLIS SUBPALSADUS COUPER
- TRIDITES SP.
- TRICOLPITES OF OSKALINDACIDITES COUPER
- TRICOLPITES AFR. GILII COUPER
- PODOPARADITES SP.
- LAEVIGATOSPORITES OMLUS WILSON & WEBSTER
- BACULATISPORITES COMANUSIS (COOKSON)
- CHALITIDES MINOR COUPER
- HERKOSPORITES SP. ELLIOTTI STOWER
- TRISACCITES MICROSCACATUS (COUPER)
- PERONILITES SP.
- TRICOLPITES SP. ANAPYRUS COOKSON
- PHYLLOCLADIDITES MANSONI (COOKSON & COUPER)
- DIATROSPORITES SP.
- TRICOLPITES PACHYXINUS COUPER
- TRICOLPITES SP. GILII COUPER
- DUMYANITES TUBERCULATUS HARRIS
- CERATOSPORITES EDULUS COOKSON & DETTMANN
- GAMAROSPORITES OHAENSIS (COUPER)
- PHYLLOCLADIDITES PANIGOS (DETMANN & PLAYFORD)
- TRICOLPITES SP. AUSTRALIS COOKSON
- TRICOLPITES SP. A
- TETRACOLPATE TO TRICOLPATE GRANULATE FORM
- TRIDITES SP. NOX
- TRICOLPITES SP. B
- PROTEACIDITES SP. A
- TRICOLPITES GILII COOKSON
- TRICOLPITES SABULOSUS DETTMANN & PLAYFORD
- NOTHOFAGIDITES SENECTUS DETTMANN & PLAYFORD
- TRICOLPITES SP. COUPER
- TRIDITES FRAGILIS
- PHYLLOCLADIDITES RETICULOSACATUS HARRIS
- TRICOLPITES SP. (PSLATE)
- TRICOLPITES SP. SUBSCABRATUS COUPER
- PROTOPOLLIS COBBORATUS (COUPER)
- ? POLYCOLPITES SP.
- LIACIDITES OF INTERMEDIUS COUPER
- LIACIDITES MAITANGAENSIS COUPER
- GAMBERINA COOPER
- GAMBERINA COOPER
- DICTYOPHYLLIDITES SP.
- DUMYANITES GRANULATUS HARRIS
- PROTEACIDITES TENUEXINUS STOWER
- TRICOLPITES SP. AUSTRALIS BURGER
- GAMAROSPORITES AUSTRALIS BURGER
- LATROSPORITES CRASSUS HARRIS
- DARYOCARPITES AUSTRALIENSIS COOKSON & PIPE
- PSLATE PANASYNCURATE AFF. COMOLPITES LEPTOS PARTRIDGE \*\*
- PROTEACIDITES AUSTRALIENSIS STOWER
- PROTEACIDITES SP.
- NOTHOFAGIDITES ASPERUS (COOKSON)
- NOTHOFAGIDITES PALLIATUS (COOKSON)
- NOTHOFAGIDITES SP. MENZIEBII (COOKSON)
- EPHYLLOUS FUNGI
- REWORKED TRASSIC-CARBONIFEROUS PALYNOFORMS
- REWORKED TRASSIC PALYNOFORMS
- NEPHRACHUM SP. (REWORKED)

ZONE ASSIGNMENT COMMENTS

POST *PROTEACIDITES ASPERUS*  
PROBABLY *NOTHOFAGIDITES ASPERUS*

\* SPECIES FIRST APPEARING IN *T. LONGUS* ZONE IN GIPPSLAND BASIN.

\*\* SPECIES FIRST APPEARING IN *T. LONGUS* ZONE IN BASS BASIN.

ZONE ASSIGNMENT IS ONLY TENTATIVE AS SOME KEY SPECIES ARE ABSENT AND IS NOT SUPPORTED BY ANY NOTICEABLE CHANGE IN THE *NOTHOFAGIDITES* TO *GAMBERINA* RATIO.

COMMON SPECIES OF *PROTEACIDITES* TEND TO BE SIMPLE COLUMNATE-GRANULATE FORMS, BUT UP THE SEQUENCE TEND TO INCLUDE MORE COARSELY SCABRATE FORMS AND FORMS WITH EXINE MODIFICATIONS NEAR APERTURES.

OLDEST COMMON OCCURRENCE OF *N. SENECTUS*

BASE OF ZONE BASED ON RANGE OF *GAMBERINA* SP. IN BASS BASIN.

*TRICOLPITES LONGUS* (LOWER PART)

*TRICOLPITES LILIE*

*NOTHOFAGIDITES SENECTUS*

*TRICOLPITES PACHYXINUS* BASED ON *T. PACHYXINUS* AND *C. OHAENSIS*

*CLAVIFERA TRIPLEX*

0 = BARREN SAMPLE

150 METRE GAP SIX BARREN SAMPLES