SHELL DEVELOPMENT(AUSTRALIA)PTY.LTD.

OTWAY BASIN

NORTH EUMERALLA-1

DISTRIBUTION CHART

SPOROMORPHS AND MICROPLANKTON

Author: J.G. WILSON Date: April, 1974

Recorded by: KEN WEBSTER Drawn by: Revised No.: 1747

TOTAL DEPTH 9745'

- TOP HEMIPELAGIC SEDIMENTS AT 8250'

- TOP MESOZOIC SEDIMENTS AT 9745'

- INTERPRETED FROM CUTTINGS AND SIDEWALL CORES

- INCREASE IN MARINE INFLUENCE

- SHOWS FORAMINIFERA AND/OR MICROPLANKTON IN SIDEWALL CORES

- SHOWS FORAMINIFERA AND/OR MICROPLANKTON IN CUTTINGS

- MARINE MIOCENE FAUNA FROM 1320' TO 1430'. ONLY FORAMINIFERA FOUND IN SIDEWALL CORES AT 1320', CONTAINING PYRITIZED MOULDS.

- AN MICROFAUNAL BREAK OBSERVED IN CUTTINGS AT 2020'. ABOVE THIS DEPTH ONLY A FEW POORLY PRESERVED FORAMS FOUND IN ADDITION TO THOSE OBSERVED IN SIDEWALL CORES.

- MARINE MIOCENE FAUNA FROM 2020' TO 2100' CONSISTING OF FORAMINIFERA, OSTRACODES AND BRYOZOA. ONLY FORAMINIFERA FOUND IN SIDEWALL CORES AT 2020' AND 2100'.

- MARINE MIOCENE FAUNA FROM 2100' TO 2320' CONSISTING OF FORAMINIFERA, OSTRACODES, BRYOZOA AND ECHINOID SPINES. ONLY FORAMINIFERA FOUND IN SIDEWALL CORES AT 2100' AND 2320'.

REMARKS

DEPOSITIONAL ENVIRONMENT (PALAEONTOLOGY)

DEPOSITIONAL ENVIRONMENT (PALYNOLOGY)

TIME STRATIGRAPHY

STAGE

SERIES

SYSTEM

ERATHEM

SPOROMORPHS

AGE

ZONATION

MICROPLANKTON

AGE

ZONATION

PALAEONTOLOGY

AGE

ZONATION

INTERPRETED LITHOLOG

DEPTH IN FEET

SAMPLE TYPE

GENUS

SPECIES

INDEX NO