

ENCLOSURE 1

DEPT. NAT. RES & ENV
PE905412

AYU-1 PLANKTONIC FORAMS

DESCRIPTION:

DISTRIBUTION OF PLANKTONIC FORAMINIFERA IN THE PETROFINA ET AL AYU-1 WELL.
LOGGED BY M. APHORPE 5/90. LEGEND - X=PRESENT 1=NO. OF SPECIMENS FOUND A=ABUNDANT
C=CONTAMINATION R=REWORKED F=FRAGMENT <=COMPARABLE WITH ?=QUESTIONABLE IDENTIFI

CHECKLIST OF OCCURRENCES BY HIGHEST APPEARANCE

BIORBULINA SLOBATA
GLOBIGERINA APERTURA
GLOBIGERINA BULLOIDES
GLOBIGERINA PRAEBULLOIDES
GLOBIGERINA SENSIVERA
GLOBIGERINOIDES QUADRILOBATUS QUADRILOBATUS
GLOBOROTALIA CONOIDEA
GLOBOROTALIA CONOIDEA
GLOBOROTALIA CRASSIFORMIS
GLOBOROTALIA MIOTUNDA
GLOBOROTALIA MIOZEA MIOZEA
GLOBOROTALIA PRAEMENARDII
HASTIGERINA CF. AEQUILATERALIS
ORBULINA SUTURALIS
ORBULINA UNIVERSA
TURBOROTALIA ACOSTRENSIS
TURBOROTALIA OBESA
GLOBOROTALIA DENISSENS
GLOBOROTALIA LINGUARENSIS
GLOBOROTALIA SCITULA SCITULA
GLOBOROTALIA SPHERICOMIOZEA
GLOBIGERINA WOODI
GLOBOROTALIA CF. FOHSI ROBUSTA
GLOBOROTALIA MIOGENICA
GLOBOROTALIA PERIPHEROCUTA
GLOBOROTALIA CF. CONOIDEA
GLOBOROTALIA COMICA
GLOBOROTALIA PERIPHERONDA
PRAEBULLINA GLOMEROSA CIRCULARIS
GLOBIGERINA CIPEROENSIS
GLOBOROTALIA LARMEUI
GLOBOROTALIA PANDA
GLOBIGERINOIDES TRILOBUS TRILOBUS
GLOBOROTALIA CF. MAYERI
GLOBOROTALIA PRAEFOHSI
PRAEBULLINA GLOMEROSA GLOMEROSA
SPHEROIDINELLOPSIS CF. SEMINULINA
PRAEBULLINA GLOMEROSA CURVA
TURBOROTALIA PERIPHERONDA
CATAPSYDRAX DISSIMILIS
GLOBIGERINA APEROENSIS
GLOBIGERINITA NARINWENSIS
GLOBIGERINOIDES SICANUS
GLOBIGERINOIDES TRANSITIVUS
GLOBIGERINA ANGIPOROIDES
GLOBIGERINA EUAPERTURA
GLOBIGERINA JUVENILIS
GLOBIGERINA SPP. (SMALL)
GLOBIGERINA ANGIUSTUMBILICATA
TURBOROTALIA SIKENSIS
CASSIGERINELLA CHIPOLENSIS
GLOBOROTALIA KUGLERI
GLOBOROTALIA PSEUDOKUGLERI
GLOBOROTALIA ZEALANDICA
GLOBOROTALIA CF. DENISSENS
TURBOROTALIA OPIMA OPIMA
TURBOROTALIA OPIMA CONTINUOSA
CATAPSYDRAX CF. DISSIMILIS
GLOBIGERINOIDES PRINORDIUS
TURBOROTALIA EXTANS
GLOBIGERINA ANGULISUTURALIS
GLOBOROTALIA CF. MENDACIS
GLOBIGERINA CF. TRILOCULARIS
PSEUDOHASTIGERINA MICRA

Table with columns for depth (e.g., 1250M DC, 1300M DC, 1350M DC, 1400M DC, 1450M DC, 1500M DC, 1550M DC, 1650M DC, 1700M DC, 1730M SWC, 1740M SWC, 1800M DC, 1850M DC, 1900M DC, 1950M DC, 2000M DC, 2050M DC, 2100M DC, 2146M SWC, 2165M SWC, 2200M DC, 2250M DC, 2300M DC, 2345M SWC, 2394M SWC, 2451.5M SWC, 2482M SWC, 2485M SWC, 2490M SWC, 2491M SWC, 2527M SWC, 2552M SWC) and rows for various foraminifera species, with 'X' marks indicating presence.

COMMENTS

ZONE PROBABLY B-2. LATE MIOCENE. OUTER SHELF TO SHELF/SLOPE BREAK.
ZONE B-2. LATE MIOCENE. PROBABLY OUTER SHELF ENVIRONMENT.
ZONE PROBABLY B-2. PROBABLY LATE MIOCENE. ? OUTER SHELF.
ZONE UNDIFFERENTIATED B/C. LATE TO MIDDLE MIOCENE. OUTER SHELF TO SLOPE.
ZONE B-2/C? LATE TO MIDDLE MIOCENE. POSSIBLY TURBIDITE DEPOSIT.
ZONE B-2/C. LATE TO MIDDLE MIOCENE. ENVIRONMENT INDETERMINABLE MARINE - LITTLE FAUNA RELEASED.
AGE INDETERMINABLE. NO PLANKTONIC FAUNA RELEASED FROM VERY HARD MATRIX. POSSIBLY TURBIDITE DEPOSIT.
AGE INDETERMINABLE. ALMOST NO FAUNA RELEASED FROM HARD MATRIX. POSSIBLY TURBIDITE OR SLUMP DEPOSIT?
ZONE B-2/C. LATE TO MIDDLE MIOCENE. SPARSE FAUNA RELEASED. POSSIBLY TURBIDITE OR SLUMP DEPOSIT.
ZONE PROBABLY B-2. PROBABLY LATE MIOCENE. SPARSE FAUNA RELEASED FROM HARD MATRIX. ENVIRONMENT AS ABOVE?
ZONE - LOW C. MIDDLE MIOCENE. ENVIRONMENT NORMAL MARINE UPPER BATHYAL.
ZONE D-1. MIDDLE MIOCENE. ENVIRONMENT UNDIFFERENTIATED SHELF EDGE TO UPPER SLOPE.
ZONE D-1. MIDDLE MIOCENE. ENVIRONMENT UPPER BATHYAL.
ZONE D OR E-1. AGE MIDDLE MIOCENE. ENVIRONMENT OUTER SHELF OR UPPER SLOPE.
ZONE BASAL D-2 OR E-1. MIDDLE MIOCENE. VERY RARE BENTHOS. UNDIFFERENTIATED OUTER SHELF TO UPPER SLOPE.
ZONE E. ZONE LIES ON MIDDLE/EARLY MIOCENE BOUNDARY. ENVIRONMENT PROBABLY UPPER BATHYAL.
ZONE PROBABLY F. EARLY MIOCENE. ENVIRONMENT UPPER BATHYAL.
ZONE POSSIBLY F? EARLY MIOCENE. CAVING PLUS ABSENCE G. SICANUS MAKES AGE DETERMINATION UNCERTAIN. ? UPPER BATHYAL.
ZONE ?F. EARLY MIOCENE. UPPER BATHYAL.
ZONE G. EARLY MIOCENE. ENVIRONMENT SHELF EDGE TO UPPER BATHYAL.
ZONE - APPROXIMATELY G/H BOUNDARY. EARLY MIOCENE. PROBABLY UPPER BATHYAL ENVIRONMENT.
ZONE H-1. EARLY MIOCENE. ENVIRONMENT PROBABLY UPPER BATHYAL.
ZONE H. EARLY MIOCENE. ENVIRONMENT UPPER BATHYAL.
ZONE PROBABLY H. EARLY MIOCENE. ENVIRONMENT OUTER SHELF TO UPPER BATHYAL.
ZONE H. EARLY MIOCENE. ENVIRONMENT ? UPPER BATHYAL.
ZONE F. EARLY MIOCENE. SAMPLE OUT OF SEQUENCE. ENVIRONMENT UPPER BATHYAL.
ZONE I-1. LATE OLIGOCENE. ABUNDANT SMALL PLANKTONIC SPECIMENS. ENVIRONMENT PROBABLY UPPER BATHYAL.
ZONE I-1? ? LATE OLIGOCENE. BADLY PRESERVED BUT ABUNDANT PLANKTONIC FAUNA WITH SOME CONTAMINATION.
ZONE I-1. LATE OLIGOCENE. RICH PLANKTONIC ASSEMBLAGE - MOSTLY SMALL SPECIMENS. ENVIRONMENT BATHYAL.
AGE INDETERMINABLE. ALMOST NO FORAMINIFERA. POSSIBLY MARGINAL MARINE ENVIRONMENT.
AGE INDETERMINABLE - BARREN.
AGE INDETERMINABLE - BARREN.