ENCLOSURE 1

DEPT. NAT. RES & ENV
PE900767

BASIC DATA

ANEMONE-1 PLANKTONIC FOR.

DESCRIPTION:

DISTRIBUTION OF PLANKTONIC FORAMINIFERA IN THE PETROFINA ET AL ANEMONE-1 WELL
LOGGED BY M.APTHORPE 8/89. LEGEND - X=PRESENT 1=NO.OF SPECIMENS FOUND A=ABUNDANT
C=CONTAMINATION R=REWORKED F=FRAGMENT <=COMPARABLE WITH ?=QUESTIONABLE IDENTIF.

CHECKLIST OF OCCURRENCES BY HIGHEST APPEARANCE

Depth	GLOBIGERINA APERTURA	GLOBIGERINA BULLOIDES	GLOBIGERINA FALCONENSIS	GLOBIGERINOIDES TRILOBUS TRILOBUS	GLOBOROTALIA CF. PUMILIO	GLOBOROTALIA CRASSAFORMIS RONDA	GLOBOROTALIA INFLATA	GLOBOROTALIA PUNCTICULATA	GLOBOROTALIA SCITULA SCITULA	GLOBOROTALIA TOSAENSIS TOSAENSIS	HASTIGERINA SIPHONIFERA	ORBULINA UNIVERSA	TURBOROTALIA ACOSTAENSIS	GLOBIGERINA NEPENTHES	GLOBIGERINOIDES RUBER	GLOBOROTALIA CONOMIOZEA
1130M SWC	X	X	<	X	X	X	X	<	X	X	X	X	X	.	.	.
1194M SWC	.	.	X	X	X	A	A	.	X	.	.	.	2	<	<	X
1262M SWC	.	X	.	.	.	.	.	.	X	.	.	X	X	.	.	X
1312.5M SWC	X	.	.	.	.	.	.	.	X	.	.	X	.	.	.	.
1323.5M SWC	X	.	.	.	.	.	.	.	X	.	.	X	X	.	.	<
1356.5M SWC	X	.	.	X	.	.	.	.	X	.	.	X	X	1	.	.
1402.5M SWC	.	X	.	.	.	.	.	.	X	.	.	X	X	.	<	<
1504M SWC	.	.	.	.	.	.	.	.	X	.	.	X	<	.	.	.
1704M SWC	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.
1802M SWC	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.
2105M SWC	.	.	X	X	.	.	.	.	.	.	.	.	.	.	.	.
2210M SWC	X	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.
2408M SWC	.	.	.	<	.	.	.	.	.	.	.	.	.	.	.	.
2539M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2555M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2566M SWC	1	.	.	.	.	.	.	.	C	.	.	.	.	.	.	.
2579M SWC	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2585M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2601.5M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2615M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Depth	GLOBOROTALIA LENGUAENSIS	GLOBOROTALIA MIOZEA CONOIDEA	GLOBIGERINA DECORAPERTA	GLOBIGERINOIDES QUADRILOBATUS QUADRILOBATUS	GLOBOROTALIA CRASSAFORMIS	GLOBOROTALIA MENARDII MENARDII	GLOBOROTALIA MIOTUMIDA MIOTUMIDA	GLOBOROTALIA MIOZEA MIOZEA	GLOBOROTALIA SPHERICOMIOZEA	ORBULINA SUTURALIS	BIORBULINA BILOBATA	GLOBIGERINA TRIPARTITA	GLOBIGERINA WOODI	GLOBOQUADRINA LARMEUI	GLOBOROTALIA CF. MARGARITAE	PRAEORBULINA GLOMEROSA GLOMEROSA
1130M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1194M SWC	<	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1262M SWC	.	X	?	X	X	<	X	R	X	X	.	.	.	.	.	.
1312.5M SWC	.	X	.	X	.	.	X	R	<	X	X	R	X	X	X	R
1323.5M SWC	X	X	.	.	.	.	X	.	X	.	.	.	<	.	X	R
1356.5M SWC	X	X	.	X	.	X	X	<	.	X	X	.	X	.	X	.
1402.5M SWC	<	X	.	X	.	.	X	.	.	X	X	.	X	.	.	.
1504M SWC	X	X	.	.	.	X	X	R	<	.	.	.	.	.	.	.
1704M SWC	.	X	.	X	.	.	<	X	.	X	.	.	<	.	.	.
1802M SWC	.	1	.	X	.	X	<	X	.	1	.	.	<	.	.	.
2105M SWC	.	2	.	X	.	X	.	X	.	.	.	.	X	.	.	X
2210M SWC	.	<	.	X	.	.	<	X	.	.	.	.	X	X	.	.
2408M SWC	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.
2539M SWC	.	.	.	.	.	.	.	.	.	.	.	.	<	<	.	.
2555M SWC	.	.	.	.	.	.	.	.	.	.	.	1	<	.	.	.
2566M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2579M SWC	.	.	.	.	.	.	.	.	.	.	.	.	<	.	.	.
2585M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2601.5M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2615M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Depth	GLOBIGERINA CIPEROENSIS	GLOBIGERINA PRAEBULLOIDES	GLOBOQUADRINA ALTISPIRA	GLOBOQUADRINA DEHISCENS	TURBOROTALIA OBESA	TURBOROTALIA OPIMA CONTINUOSA	TURBOROTALIA SIAKENSIS	TURBOROTALIA MAYERI	GLOBIGERINA ANGUSTIUMBILICATA	GLOBOROTALIA PERIPHEROACUTA	GLOBOROTALIA PERIPHERORONDA	GLOBOROTALIA ZEALANDICA	GLOBOROTALIA PRAESCITULA	TURBOROTALIA OPIMA OPIMA	CATAPSYDRAX DISSIMILIS	GLOBIGERINITA NAPARIMAENSIS
1130M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1194M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1262M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1312.5M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1323.5M SWC	<	X	<	X	X	X	<	.	.	.	.	.	.	.	.	.
1356.5M SWC	.	.	<	<	.	X	.	.	.	.	.	.	.	.	.	.
1402.5M SWC	.	.	.	<	.	X	.	X	.	.	.	.	.	.	.	.
1504M SWC	.	X	.	.	.	.	.	.	X	.	.	.	.	.	.	.
1704M SWC	.	.	.	.	X	.	.	.	.	<	X	X	.	.	.	.
1802M SWC	.	.	.	X	.	.	.	.	X	X	X	.	X	1	.	.
2105M SWC	.	X	.	.	.	.	.	.	X	.	.	.	X	.	X	1
2210M SWC	X	.	.	X	.	.	.	.	.	.	.	X	X	.	X	X
2408M SWC	X	X	.	<	.	.	.	.	X	.	.	.	.	X	X	.
2539M SWC	X	X	.	X	X	.	X	.	<	.	.	.	.	<	X	.
2555M SWC	X	X	.	<	X	.	.	.	.	.	.	.	.	.	X	.
2566M SWC	X	X	.	.	<	.	.	.	X	.	.	.	.	X	X	.
2579M SWC	.	X	.	.	X	.	X	.	.	.	.	.	.	X	X	.
2585M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2601.5M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2615M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Depth	GLOBIGERINOIDES SICANUS	GLOBIGERINOIDES TRANSITORIUS	PRAEORBULINA GLOMEROSA CIRCULARIS	GLOBIGERINA EUAPERTURA	GLOBIGERINOIDES PRIMORDIUS	TURBOROTALIA EXTANS	TURBOROTALIA OPIMA NANA	GLOBIGERINA ANGULISUTURALIS	GLOBIGERINA CF. TRILOCULARIS	GLOBIGERINA JUVENILIS	GLOBIGERINA CONCINNA	GLOBIGERINA ANGIPOROIDES	GLOBOROTALIA TESTARUGOSA	PLANOROTALITES CF. RENZI
1130M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1194M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1262M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1312.5M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1323.5M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1356.5M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1402.5M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1504M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1704M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1802M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2105M SWC	X	X	X	.	.	.	.	.	.	.	.	.	.	.
2210M SWC	.	X	.	.	.	.	.	.	.	.	.	.	.	.
2408M SWC	.	.	.	X	<	<	X	.	.	.	.	.	.	.
2539M SWC	.	.	.	X	.	X	.	<	X	<	.	.	.	.
2555M SWC	.	.	.	X	.	X	.	.	.	.	X	.	.	.
2566M SWC	.	.	.	<	?	.	X	.	.	.	.	.	.	.
2579M SWC	.	.	.	X	.	X	X	.	.	.	.	.	.	.
2585M SWC	.	.	.	.	.	.	.	.	.	<	.	<	1	1
2601.5M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2615M SWC	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Depth	COMMENTS
1130M SWC	ZONE A-3. AGE LATE PLIOCENE. DEEP OUTER SHELF.
1194M SWC	ZONE A-4. AGE LATE EARLY PLIOCENE TO MID PLIOCENE. FAUNA DOMINATED BY G.CF.INFLATA. BATHYAL- DEEPER THAN 500M W.D.
1262M SWC	ZONE B-1. AGE EARLIEST PLIOCENE TO LATEST MIOCENE. UPPER BATHYAL.
1312.5M SWC	ZONE B-2. AGE LATE MIOCENE. OUTER SHELF TO UPPER BATHYAL.
1323.5M SWC	ZONE PROBABLY B-2. AGE LATE MIOCENE. SHELF EDGE TO UPPER BATHYAL.
1356.5M SWC	ZONE B-2. AGE LATE MIOCENE. OUTER SHELF TO UPPER SLOPE - POSSIBLY A CANYON FILL DEPOSIT.
1402.5M SWC	ZONE B-2/C BOUNDARY. APPROX.LATE/MIDDLE MIOCENE BOUNDARY. OUTER SHELF TO UPPER BATHYAL.
1504M SWC	ZONE PROBABLY C. AGE MIDDLE MIOCENE. UPPER BATHYAL.
1704M SWC	ZONE D-1. AGE MIDDLE MIOCENE. PROBABLY UPPER BATHYAL DEPTHS - POSSIBLY CANYON FILL.
1802M SWC	ZONE PROBABLY D-1. AGE MIDDLE MIOCENE. ?SHELF EDGE TO UPPER BATHYAL.
2105M SWC	ZONE E-2. AGE LATEST EARLY MIOCENE. PROBABLY UPPER BATHYAL.
2210M SWC	ZONE F. AGE EARLY MIOCENE. PROBABLY UPPER BATHYAL.
2408M SWC	ZONE H-2. AGE LATEST OLIGOCENE. UPPER BATHYAL.
2539M SWC	ZONE I-1 OR POSSIBLY H-2. AGE LATE OLIGOCENE. PROBABLY UPPER BATHYAL.
2555M SWC	ZONE I-1. AGE LATE OLIGOCENE. ENVIRONMENT - POSSIBLY A TURBIDITE-EMPLACED LIMESTONE SLUMP.
2566M SWC	ZONE I-1. AGE LATE OLIGOCENE. PROBABLY UPPER BATHYAL.
2579M SWC	ZONE I-1. AGE LATE OLIGOCENE. RARE BATHYAL SPECIES SUGGEST THAT SHELF FAUNA HAS BEEN SLUMPED INTO BATHYAL DEPTHS.
2585M SWC	ZONE POSSIBLY J??? AGE POSSIBLY EARLY OLIGOCENE??? ALMOST NO IDENTIFYABLE FAUNA IN HARD GLAUCONITIC MATRIX.
2601.5M SWC	AGE INDETERMINABLE - VIRTUALLY BARREN OF FORAMINIFERA. GREENSAND.
2615M SWC	AGE INDETERMINABLE. VIRTUALLY BARREN OF FORAMINIFERA EXCEPT FOR RARE POSSIBLE FRAGMENTS OF ARENACEOUS BENTHONICS.