

DEPTH in METRES of sidewall cores = + & ditch cuttings = &	RESIDUE LITHOLOGY		PALEO-ENVIRONMENTAL ASSESSMENT <sup>¶</sup>		MAJOR E-LOG CHARACTER CHANGES	PLANKTONIC ASSEMBLAGE ZONE	Depth at Base
	MAJOR COMPONENTS	MINOR COMPONENTS	Foram Count	Flank Foram %			
	f1: calcarenite b: biomicrite & calc. silts. L: limonitic pellets & clay after glauc G: glauconite f: quartz silty sdst ΔV: impact fract. & pitted qtz =: indurated silty sdst P: pyrite O: polymodal qtz clayey/silty sdst	pyrite - ? biogenic limonitic clay carbonaceous material c-f ang-subrd qtz c-m round qtz pebble qtz & rock frags mica glauc fossil moulds glauc pellets ? siderite gastropods pelocypods fish fragments ostracods echinoid spines worn bryozoa siliceous sponge spicules Foram Count Flank Foram %			Non Marine DELTA COMPLEX BARRIER/DUNE SYSTEM LAGOON/ESTUARY (<10m) ESTUARY-INNER SHELF (10-40m) MID-OUTER SHELF (40-200m) SHELF/SLOPE BREAK (≈200m) UPPER SLOPE (<400m)		
1343.5	*****		500	90			
1370.0	*****	r	250	98		D-2	1370.0
1390.0	*****	C	500	95		E-1	1390.0
	Sample gap						
1881.0	*****		100	90			
1890.0	*****		100	95			
1898.5	*****		250	95		G	
1918.0	*****	A	1000	95			1918.0
2075-90	*****	A	1000	95			
2189.0	*****		1000	95			
2197.0	*****		500	95			
2204.0	*****	r r r	1000	98		H-1	
2211.0	*****	r A	?	?			
2220.0	*****	A	500	95			
	~~~~~						
2253.0	f1 f1 f1 f1 f1	A A	500	90			
2270.5	*****		2000	95			
2275.0	*****	A	1000	95			
2276.5	*****	A	1000	95		J-2	
2278.0	*****	A	500	10			
2279.5	..... LLLLL	A	50	20			2278.0
2282.0	.....	A	?	?			
2287.0	.0- .0- LLLLLLLLLL	A A A A A A	?100	?60			
2293.0	.0- .0- LLLLLLLLLL	A	nil	-		K	
2304.5	.0- .0- LLLLLLLLLL	A A A	20	100			
2328.5	..... GGGGG	A A A A	2	100			
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2334.5	ΔV ΔV ΔV ΔV ΔV PP						2328.5
2339.0	ΔV ΔV ΔV ΔV ΔV ΔV	A C					
2354.0	ΔV ΔV ΔV ΔV ΔV ΔV	r					
2359.0	ΔV ΔV ΔV ΔV ΔV ΔV	r					
2369.0	ΔV ΔV ΔV ΔV ΔV ΔV	r					
	-----						
2378.0	.0- .0- .0- .0- .0	r					
2382.0	.0- .0- .0- .0- .0						
2390.5	.0- .0- .0- .0- ≈≈						
2406.5	.0- .0- .0- .0- ≈≈						
2454.0	*****	A					
2514.0	.0- .0- .0- .0- PP						
2529.0	.0- .0- .0- .0- D	A A					
2548.0	.0- .0- .0- .0- -						
2556.0	.0- .0- .0- .0- -	r A					

A = abundant 1-5% total grains ¶ Paleo-water depth estimates in parenthesis. ¶  
C = common <20 grains  
r = rare

DEPT. NAT. RES & ENV



PE905950

TABLE 3: RESIDUE GRAIN ANALYSIS & PALEO-ENVIRONMENTAL ASSESSMENT -

EDINA # 1.

David Taylor, 16/12/82.