AYU-1, SEDIMENTARY INTERPRETATION LOG

1 : 500

DEPT. NAT. RES & ENV
PE600969

FINA

PERIOD/EPOCH	AGE	BIOSTRATIGRAPHY	GROUP	FORMATION
TERTIARY	OLIGOCENE	LOWER P.TUBERCULATUS	SEASPRAY GROUP	LOWER LAKES ENTRANCE FM.
TERTIARY	PALAEOCENE	L.BALMEI / E. CRASSITABULATA	LATROBE GROUP	UNIT I
CRETACEOUS	MAASTRICHTIAN	UPPER T. LONGUS / M. DRUGGII / T.EVITTII	LATROBE GROUP	UK5

BOREHOLE DIAMETER (IN) 6 – 16; CAL (16) – (26)
ROP 200 – 0
GAMMA RAY (API UNITS) 0 – 150; GR (50) – (300)
LITHOLOGY
NEUTRON POROSITY .45 – (LS POR UN) – -.15; NPHI
LATEROLOG SHALLOW (OHM-METERS) .2 – 200; LLS
BULK DENSITY RAW LOG DATA 1.95 – (GRAMS/CC) – 2.95; RHOB
LATEROLOG DEEP (OHM-METERS) .2 – 200; LLD
INTERVAL TRANSIT TIME 140 – 40; DT
DEPTH
BOREHOLE DRIFT
GR 0 – 150
CALIPERS 0 – 10; 6 – 16

DIP ANGLE AND DIRECTION

FAST CHANNELS
NOT CORRECTED FOR EMEX
NO FILTER
DECIMATION FACTOR 4
LOGARITHMIC PRESENTATION
DATA FROM -0.08 TO 78.55
SCALE FROM 0.02 TO 78.44

D1 D1A D2 D2A D3 D3A D4 D4A

CLYST
SLST
SST
2490m
(-2462m)
0.2°
SST
SST
SST
SST
SST
SST
0.4°
SST
SST
SST
SST
SST
SST
SST
0.4°
SST
SST
2705.5m
(-2677.5m)
0.5°
SST

PLUG #1

2450 2500 2550 2600 2650 2700 2750

2500 2600 2700

DRILLERS T.D.=2750m (-2722m)

SEQUENCES	DIP PATTERNS	OTHER FEATURES	INTERPRETED SEDIMENTARY ENVIRONMENT		
	Green				
		UNCONFORMITY			
c.u.?	Blue				
c.u.?	Blue				
	Red				
	Red	Massive Bedding	ACTION	TOPSETS	STREAM MOUTH BAR
	Red				
	Blue				
	Blue				
c.u.	Red	Stacked Beach Ridges	WAVE	FORESETS	UPPER DELTA FRONT
	Blue				
	Red				
	Blue				
	Red				
	Blue				
	Red				
	Blue	TRANSGRESSION			
	Blue			TOPSETS ?	STREAM MOUTH BAR
	Red				
	Blue	Massive Bedding	STRONG		
c.u.	Red	Stacked Beach Ridges	WITH	FORESETS	UPPER DELTA FRONT
	Blue				
	Red				
	Blue		ENVIRONMENT		
	Red	Siltstone and Heavy Mineral		BOTTOM-SETS	LOWER DELTA FRONT TO PRODELTA
	Red				
	Blue	TRANSGRESSION			
f.u.	Red	Bioturbations at the Top Stacked Beach Ridges	DELTAIC	TOPSETS	STREAM MOUTH BAR
	Blue				
	Blue				
c.u.	Red	Siltstone and Heavy Minerals	NEARSHORE	FORESETS	UPPER DELTA FRONT
	Blue				
	Red				
	Red				
	Blue				
c.u.	Red			FORESETS	LOWER DELTA FRONT
	Blue				
	Red			BOTTOM-SETS	PRODELTA
	Blue	MARINE TRANSGRESSION			
c.u.	Green ?	Scattered Dips Bioturbated	LOWER COASTAL PLAIN TO COASTAL		INTER DISTRIBUTARY BAY DEPOSITS
	Blue				

Ph.L., May 1990