GEOCHEMICAL LOG

SCALE 1:5000

WELL M0RW0NG-1

L0CATI0N

REGE0 IDENTIFIER

AGE		FORMATION	DEPTH IN F	LITHOLOGY	DOM
MIOCENE		GIPPSLAND FM	4500		
MIDDLE PALEOCENE - EARLY EOCENE		LATROBE GROUP	5000		
			5500		
			6000		
			6500		
			7000		
			7500		
			8000	TD 8003	

SOURCE ROCK INDICATION OF ORIGINAL SAMPLE

100 200 300 400 500 600

TYPE OF SAMPLE

NUMBER OF SAMPLES ANALYSED 61

SOURCE ROCK INDICATION OF SAMPLE AFTER EXTRACTION WITH CHLOROFORM

100 200 300 400 500 600

CONTAMINATION

VALUES SMALLER THAN 30 ARE CONSIDERED NOT TO BE OF SIGNIFICANCE

THE LATROBE GROUP CONTAINS IMMATURE SOURCE ROCKS (GENUINE ONES IN THE SECTIONS 5422-6300, 6450-6550 AND 7000-7960 FT; MARGINAL ONES IN THE INTERVALS 6350-6400 AND 6600-6900 FT) FOR GAS AND OIL.

NUMBE AMPLES ANALYSED 54

DEPTH IN F	ORG.CARBON (PCT. WT)	TYPE OF ORGANIC MATTER
4500		
5000		
5500	14.3	MAINLY HUMIC
6000	11.8	MAINLY HUMIC
6500	11.4	MAINLY HUMIC
7000	9.5	
7500	17.8 18.0	MAINLY HUMIC TO MIXED
8000		

LEGEND

TYPE OF SAMPLE ● = CORE ▶ = SIDEWALL SAMPLE

CONTAMINATION C = UNSPECIFIED W = WALNUTS E = CELLOPHANE F = FIBRES P = PLASTIC OR PAINT

"RKER 80-44 EVALUATION OF SOURCE ROCK PROPERTIES OF SEDIMENTS PENETRATED BY MORWONG-1"

TH E FELDER

KONINKLIJKE/SHELL EXPLORATIE EN PRODUKTIE LABORATORIUM

GEOCHEMICAL LOG OF MORWONG-1 AUSTRALIA

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