Stratigraphic Interval	Lithology	Position / Thickness	Porosity at Surface (Φ_0)	Compaction Coefficient (c; m^{-1})	Grain Density (ρ; kg/m^3)
Western Grand Cayman (well SHT-4; terminated at 146 m bsl)					
Pedro Castle Unconformity	–	10 m bsl	–	–	–
Pedro Castle Formation	Calcareous dolostone	9 m thick	0.356	2.92×10^{-4}	2827
Cayman Unconformity	–	19 m bsl	–	–	–
Cayman Formation	Dolostone	58 m thick	0.303	2.16×10^{-4}	2866
Brac Unconformity	–	77 m bsl	–	–	–
Brac Formation	Calcareous dolostone	> 69 m thick	0.356	2.92×10^{-4}	2827
East-central Grand Cayman (well LV-2; termitated at 155 m bsl)					
Pedro Castle Unconformity	–	8 m bsl	–	–	–
Pedro Castle Formation	Dolostone	16 m thick	0.303	2.16×10^{-4}	2866
Cayman Unconformity	–	24 m bsl	–	–	–
Cayman Formation	Dolostone	99 m thick	0.303	2.16×10^{-4}	2866
Brac Unconformity	–	123 m bsl	–	–	–
Brac Formation	Dolostone	> 32 m thick	0.303	2.16×10^{-4}	2866
Southwest Cayman Brac (well BW-1; terminated at 44 m bsl)					
Pedro Castle Unconformity	–	9 m bsl	–	–	–
Pedro Castle Formation	Dolomitic limestone	7 m thick	0.461	2.92×10^{-4}	2749
Cayman Unconformity	–	16 m bsl	–	–	–
Cayman Formation	Calcareous dolostone	> 28 m thick	0.356	2.92×10^{-4}	2827
Northeast Cayman Brac (outcrop NEP)					
Cayman Unconformity	–	46 m asl	–	–	–
Cayman Formation	Dolostone	13 m thick	0.303	2.16×10^{-4}	2866
Brac Unconformity	–	33 m asl	–	–	–
Brac Formation	Dolomitic limestone	> 33 m thick	0.461	2.92×10^{-4}	2749