

DEPTH	AGE	LOG	LITHOLOGY	FOSSILS
0m 0ft				
			Quartz sands	Some shell fragments
			Sands, sandy clays and sandy limestones overlie massive limestone, predominantly detrital with abundant organic debris including algae.	<i>Miogypsina</i>
500ft	MIDDLE MIOCENE		Occasional beds of sandy limestone occur. Deposition inshore off an active reef.	<i>Taberina malabarica</i>
			Algal detrital sandy limestones (containing <i>Miogypsina</i> sp.), sandy clay and quartz sand	
			Massive detrital limestone. Black calcareous marl	
1000ft			Detrital & sugary limestones. Some intervals towards the base have an increased sand content.	
			Massive detrital limestone.	
1500ft	LOWER MIOCENE		Some thin bands of green marl.	
500m			Sandy detrital limestones are underlain by a thin dolomite bed and then by detrital limestones with little sand but frequent corals and algae.	<i>Spiroclypeus</i> <i>Eulepidina</i>
2000ft				
	OLIGOCENE		Hard cavernous dolomite passing down into sugary limestones. Sandy limestones with thin green marls.	<i>Nummulites fichteli</i> <i>N. intermedius</i>
2500ft			Sandy detrital limestones underlain by sacceroidal dolomite then detrital limestone with very little sand and frequent coral & algae.	
			Hard grey cavernous dolomite.	
3000ft	UPPER EOCENE		Grey-green argillaceous marlstones; detrital and algal limestone bands common. Slightly calcareous claystones, becoming silty and micaceous at depth. Limestone bands become less common at depth.	<i>Nummulites hormoensis</i>
1000m			Sugary limestone with a few corals passing down into marls and limestones.	
3500ft			Irregular intercalations of siltstone occur throughout. Shallow water sediments, sometimes emergent.	
			Marly siltstones with thin limestones.	
4000ft				
			Grey-green argillaceous marlstones passing down into less calcareous claystones. Common bands of algal and detrital limestones.	
4500ft				
5000ft				
5500ft	MIDDLE EOCENE		Silty claystones, slightly calcareous.	
6000ft				
6500ft				
7000ft			Interbedded sandstones & conglomerates with Paleozoic pebbles. Shallow marine - sub-emergent near-edge facies.	<i>Nummulites bayhariensi</i> <i>Alveolina oblonga</i> <i>Lockhartia tipperi</i>
7500ft				
8000ft	PALAEOCENE		Grey claystones with some siltstone & sandstone, a few silty limestone partings and thicker current-bedded sandstones.	
2500m				
8500ft			Detrital algal limestones interbedded with sandstones occur near this base.	
9000ft	DANIAN / PALAEOC.		Grey and red-brown claystones with a few detrital and algal limestone bands. Grey & red-brown silty claystones with frequent sandstones	
9500ft	MAESTRICHTIAN / DANIAN		Pale grey marlstones and red mudstones.	
3000m	MAESTRICHTIAN			<i>Globorotalia velascoens</i>
10000ft			Pale grey marlstones & rare red mudstones.	
			Hard quartz sandstone overlies sandstones with some black mudstones & red-brown beds.	
10500ft	CAMPANIAN		Pale grey marlstones and rare red mudstone underlain by hard quartz sandstone.	<i>Globotruncana</i> sp. <i>Globotruncana calcarat</i>
			Less calcareous mudstones	
			Sandstones with black mudstones, purple mudstones and red-brown beds.	
11000ft			Dark grey mudstones. Green igneous rock, trachyte or phonolite, sill or dyke. White pyritiferous quartzite.	
			Phonolite: pyroxene, biotite, sanidine & poss feldspathoid. Chlorite groundmass.	