

LONGTOM-2

STRATIGRAPHY

SYSTEM	STAGE	FORMATION		MEASURED DEPTH (mMDRT)	SUBSEA TVD DEPTH (mTVDdHD)	THICKNESS (mTVT)	DEPOSITIONAL ENVIRONMENT	APPROXIMATE PALYNOLOGICAL ZONATIONS
TERTIARY	LATE OLIGOCENE TO RECENT	SEASPRAY GROUP	SEABED	78.3	-56.8		OFFSHORE MARINE	
			GIPPSLAND LIMESTONE			982.7		
	OLIGOCENE			1061.1	-1039.5	223.8		
		LAKES ENTRANCE FORMATION						
	PALEOCENE TO EARLY EOCENE	HALIBUT SUBGROUP	COBIA SUBGROUP	1285.0	-1263.3	14		
			BURNARD FORMATION	1299.0	-1277.3			
			Lower <i>M. diversus</i> seq	1348.0	-1326.2	216.0		
	MAASTRICHTIAN	EMPEROR SUBGROUP	KATE SHALE	1515.4	-1493.3	5.1		
			VOLADOR FORMATION	1520.5	-1498.4	59.2		
LATE CRETACEOUS	CAMPANIAN	GOLDEN BEACH SUBGROUP	1579.8	-1557.6	55.6	VERY NEARSHORE TO NON-MARINE	<i>L. balmei</i>	
			1635.6	-1613.2			<i>F. longus</i>	
	TURONIAN	ADMIRAL FORMATION	KIPPER SHALE				379.1	<i>P. mawsonii</i> (<i>H. trinalis</i> subzone)
			'A' SANDSTONE	2019.0	-1992.3		26.6	
				2044.2	-2016.9		62.3	
			'B' SANDSTONE	2108.0	-2079.2		33.0	
			'C' SANDSTONE	2141.9	-2112.2		9.2	
				2151.4	-2121.4		11.5	
			'D' SANDSTONE	2163.2	-2132.9		15.8	
				2173.4	-2148.7		12.7	
			'E' SANDSTONE	2192.5	-2161.4		17.9	
				2210.9	-2179.3		31.7	
				2243.5	-2211.0		17.4	
			'F' SANDSTONE	2285.3	-2251.6		23.2	
				2293.3	-2259.4		7.8	
	LONGTOM VOLCANICS MEMBER			>125.7				
	TOTAL DEPTH	2422.0	-2385.1					
LONGTOM-2 ST1 KOP : -1934.5 mTVDdHD (1960.0 mMDRT) TD : -2118.1 mTVDdHD (2148.0 mMDRT)							AUTHOR: WCR DRAWN: Perth Drafting Dept.	DATED: September 2005 PLAN No. : STRu8938

Figure 5