

3. CORRELATION OF UNDERGROUND WELLS IN OTWAY BASIN

DEPT. NAT. RES & ENV



Stratigraphic Unit	Mount Salt No. 1		Caroline No. 1		Nelson Bore		Emeralla No. 1					
	Depth		Thick-		Depth		Thick-					
	K.B.	Subsea	ness	ness	K.B.	Subsea	ness	ness				
<u>Glensiz Group</u>			494		614		812					
Gambler Formation	15	+10	494	26	+97	614	60 ^m	+10	812			
UNCONFORMITY												
<u>'Browns Creek Group'</u> Equivalent			70		12		130			70		
Nelson Formation	510	-494	70	640	-517	12	212	-602	130	1200 ^m	-1270	70
UNCONFORMITY												
<u>Kangaroo Group</u>			2652		2400		2734			1380		
Dilwyn Formation			2644		2388		2698			1272		
B.M.R. Unit Dbl	590	-504	1090	632	-529	1913	99 ^m	-932	1639	1270 ^m	-1103	1130
B.M.R. Unit Ds2	2129	-2094	1014	1973	-1847	1070	2631 ^m	-2671	1009	2400 ^m	-2235	142
Pebble Point Formation	3194	-3040	108	3040	-2917	39	3690 ^m	-3680	56	2542	-2375	108
UNCONFORMITY												
<u>Sherbrook Group</u>			5002 ⁺		4937 ⁺		3559 ⁺			458		
Ornduff Formation	3242	-3156	758	3123	-3066	237	3746 ^m	-3736	754	2630	-2483	112
UNCONFORMITY ?						UNCONFORMITY						
<u>Parrotte Formation</u>			5044 ⁺		3102		2805 ⁺			196		
Macdonald Member	4300	-4114	1890	3974	-3847	1736	2400 ^m	-4490	2305 ⁺	-	-	-
Caroline Member	3520	-3474	464	3795	-3582	1266				2762	-2595	196
Belfast Formation				7072	-6949	1223				2918	-2791	150
<u>Transition Unit</u>				6086	-7937	99				/ / / / /		
UNCONFORMITY												
<u>Otway Group</u>					2382 ⁺							
Waaspe Formation				8119	-2936	1141						
Transition Unit				3220	-3197	170						
Emeralla Formation				3060	-2817	1571				UNCONFORMITY		
Galtwood Beach Formation										3108	-2941	6002
										9110 ⁺	-8943	1198 ⁺

m Tops taken from B.M.R. Record 1946/170

437	754
2129	2545
	297
2377	