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AGE		WELL	ADOLPHUS D-50	ADOLPHUS 2K-41	BACCALIEU I-78	BEN NEVIS I-45	BLUE H-28	BONAVISTA C-99	BONNITON H-32	BRANT P-87	CUMBERLAND B-55	DOMINION O-23	EGRET K-96	EGRET N-46	EIDER M-75	EMERILLION C-56	FLYING FOAM I-13	GABRIEL C-60	HARE BAY E-21	HEBRON I-13	HERON H-73	HIBERNIA B-08	HIBERNIA G-55	HIBERNIA I-46	HIBERNIA J-34	HIBERNIA K-18	HIBERNIA O-35	HIBERNIA P-15	JAEGER A-49	KITTIWAKE P-11	MALLARD M-45	MURRE G-67	NARWHAL F-99	NAUTILUS C-92	OSPREY H-84	PUFFIN B-90	RANKIN M-38	SOUTH TEMPEST G-88	TERRA NOVA K-08	TWILLICK G-49	WEST FLYING FOAM L-23
TERTIARY	LATE	Late Pliocene-Pleistocene					2070																																	
		Pliocene-Pleistocene						576			613							1605	393										296												
		Pliocene					2600																																	
		Late Cenozoic	348							320											293																			
		Late Miocene	457				3170			503																			543											
		Middle Miocene					3640			658											716																			
		Miocene						860			777	421	262																						363					
		Early-Middle Miocene	512						363		1052	585		329							1018								780									415	
		Early Miocene		1231														1770																					
	EARLY	Late Oligocene-Early Miocene								960																													
		Late Oligocene																											1146										
		Oligocene-Miocene						1829			1491	1097	317						1110												274			418					
		Oligocene						2377	548		1939	1335	482	485							1265										293			555					
		Middle Oligocene								1207											1292																		
		Early-Middle Oligocene																											1311										
		Early Oligocene																2000			1539																		
		Late Eocene to Miocene																											244										
		Late Eocene-Oligocene	1266																																				
		Late Eocene-Early Oligocene					3810																																
		Eocene-Oligocene																	1460																				
		Late Eocene	1509				3920		818	1664	2377		564					2060											1448		366								
		Middle-Late Eocene						2804				1555							1820															610						
		Middle Eocene	2026				4700	3257	1020		3182		765																597	1612					747					
		Eocene											692	594							1704																		
		Early-Middle Eocene								1847																				1667										
		Early Eocene	2315	1615			4830	3478	1297	1875	3301	2536		649				2450	2790		1731								652	1695								853	
		Late Paleocene	2597								3606								3060																				
		Paleocene																	3200										680										
		Early Paleocene		2036																																			
CRETACEOUS	LATE	Senonian																													476								
		Maastrichtian	2698										792			1140																							
		Early Maastrichtian						3661													1767								707	1722					2280				
		Late Campanian-Early Maastrichtian					4840				3666							2510																					
		Campanian-Maastrichtian		2384										732					3230																				
		Campanian-Early Maastrichtian											793																										
		Campanian								1929					329	1185					1768	1555							735	1804			3270		829	2371				
		Early Campanian	2851																											1932	1893				857					
		Santonian-Campanian																							1635														
		Santonian	2934							2268	3667		914	896	466	1283					2015	1835							789	1963	2030				884	2426		1320		
		Coniacian to Campanian																																		1235				
		Coniacian-Early Santonian													631																				1021					
		Coniacian-Santonian		2502																																			
		Coniacian-Early Santonian						3670																															
		Coniacian	3057							2518						1438					2201	1985							899	2085	2085					2609		1350		
		Late Turonian to Coniacian																								1440													
		Turonian to Coniacian																										1475											
		Turonian-Santonian											1116																										
		Turonian-Coniacian												1039																									
		Turonian		2548									1177	1161	686	1499						2075								2146	2112	753			1049		1480		1410		
		Late Cenomanian to Campanian																		1560					1470														
		Late Cenomanian to Coniacian																								1930													
		Late Cenomanian-Early Turonian												1800		1750																							
		Cenomanian to Campanian											1250																										
		Cenomanian to Santonian																																					
		Cenomanian-Turonian																																					
		Late Cenomanian	3112	2576						2634						1652					2305								2010		2176		835		1056		1620		1440		
		Cenomanian																																					
		Early Cenomanian	3229																	1710					1880				2130										
	EARLY	Early Cretaceous												1375																									
		Late Albian-Early Cenomanian					4870																		1830														
		Late Albian	3341				4940																												2678					
		Albian-Early Cenomanian		3206						2694											2335					2145	1900													
		Albian	3640			1910	5000						1441												1920				2310		2237	2204		3330			2731	1795		1530		
		Early Albian										3179														1990													
		Late Aptian-Albian												1497		1743					1770																	2380	
		Late Aptian-Early Albian																																	2820					
		Aptian-Albian																										1770											
		Late Aptian				2581																																	
		Aptian					5120						1472					2520							2120											2944				
		Ealy Aptian														1957	2175		1995														3322		3066				
		Barremian-Early Aptian				2846																							2359										2955
		Barremian-Aptian																2810									2180						3390						
		Barremian							1308	2847			1433			1987		3800	2135				2010	2312	2230	2293				2874			3404				1740		
		Early Barremian		1720																																			
		Neocomian											1676																										
		Hauterivian-Barremian																4010																					
		Late Hauterivian-Early Barremian				2986						3240					2480																3440						3500
		Hauterivian-Early Barremian																			2165														1955				
		Late Hauterivian																	2280																				
		Hauterivian		1775					1874									4670					2840		2655	2330		2460				3510			3338		2685	1950		
		Early Hauterivian				3367																											3617						3560
		Valanginian-Early Hauterivian																									2470												
		Valanginian		1854					2118			3380						5000	2340		2375			2490	2960	2450		2490		2451			3570						
		Berriasian to Aptian		3316																																			
		Berriasian-Valanginian				3489																											3689		3737	2115	2775	2010		
		Late Berriasian							2210																														
		Berriasian		2405															2430		2740			2587	3270	2600	2750	2790				3750							
		Early Berriasian							2235																														
JURASSIC	LATE	Late Jurassic											2195																		3085								
		Tithonian-Berriasian																															4435						
		Late Tithonian							2286																														
		Tithonian				4674							2313							3260		3215		2880		3145	3880	3720						4174		2360	2895		
		Early Tithonian							2433																														
		Late Kimmeridgian-Tithonian																																			2930		
		Kimmeridgian-Tithonian											2591																										
		Late Kimmeridgian			2825				2484											3530		3690				3870	4245	4010											
		Kimmeridgian											2743	1984																						2700	2985			
		Early Kimmeridgian		3287					2667					2320														4375										3740		
		Oxfordian-Kimmeridgian													823																	1050								
		Late Oxfordian-Early Kimmeridgian											3048																		3176								
		Late Oxfordian												2502																									
		Oxfordian																																		2900			
	MIDDLE	Middle-Late Jurassic																			2787																		
		Callovian-Early Oxfordian														2109																							
		Callovian													1695																	1347				3055		3920		
		Bathonian													2000	2475																1603				3580		3980		
		Bajocian-Bathonian																														1747							
		Bajocian													2548						3060																		
	EARLY	Toarcian/Aalenian-Bajocian													3005																								
		Late Pliensbachian-Toarcian																														2082							
		Pliensbachian																			306											2390							
		Indeterminate			4185	4750	5180	3676	3042	2908	3728			2725		2880	2620		3290	4175	3219	3880		2880	3530	5030	4705		914	3008		2577		1067			3865		863	3700
		Total Depth	3686	3658	5135	4933	6103	3761	3048	3588	4136	3998	3353	2743	3530	3277	3683	5171	4874	4724	3658	4436	3460	3436	3712	5039	4789	4407	939	3550	3520	3337	4585	4109	3474	4702	3967	4675	4500	1302	4554

FIGURE 15. Micropaleontology tops

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EAST COAST BASIN ATLAS SERIES
GRAND BANKS OF NEWFOUNDLAND
BIOSTRATIGRAPHY AND MATURATION DATA 4

FURTHER MICROPALEONTOLOGICAL DATA

CONTRIBUTORS

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Additional copies of this map sheet may be obtained from the Geological Survey of Canada (Atlantic), P.O. Box 1006, Dartmouth, Nova Scotia, B2Y 4A2, Canada. Phone: 902-426-4386; FAX: 902-426-4848; e-mail: agc@agc.bio.ns.ca; website: http://agcwww.bio.ns.ca

Figure 15 shows the tops of geochronologic units in cases where the assemblages are not sufficiently definitive to allow for the application of a zonation scheme. Information is from Ascoli (1988).

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