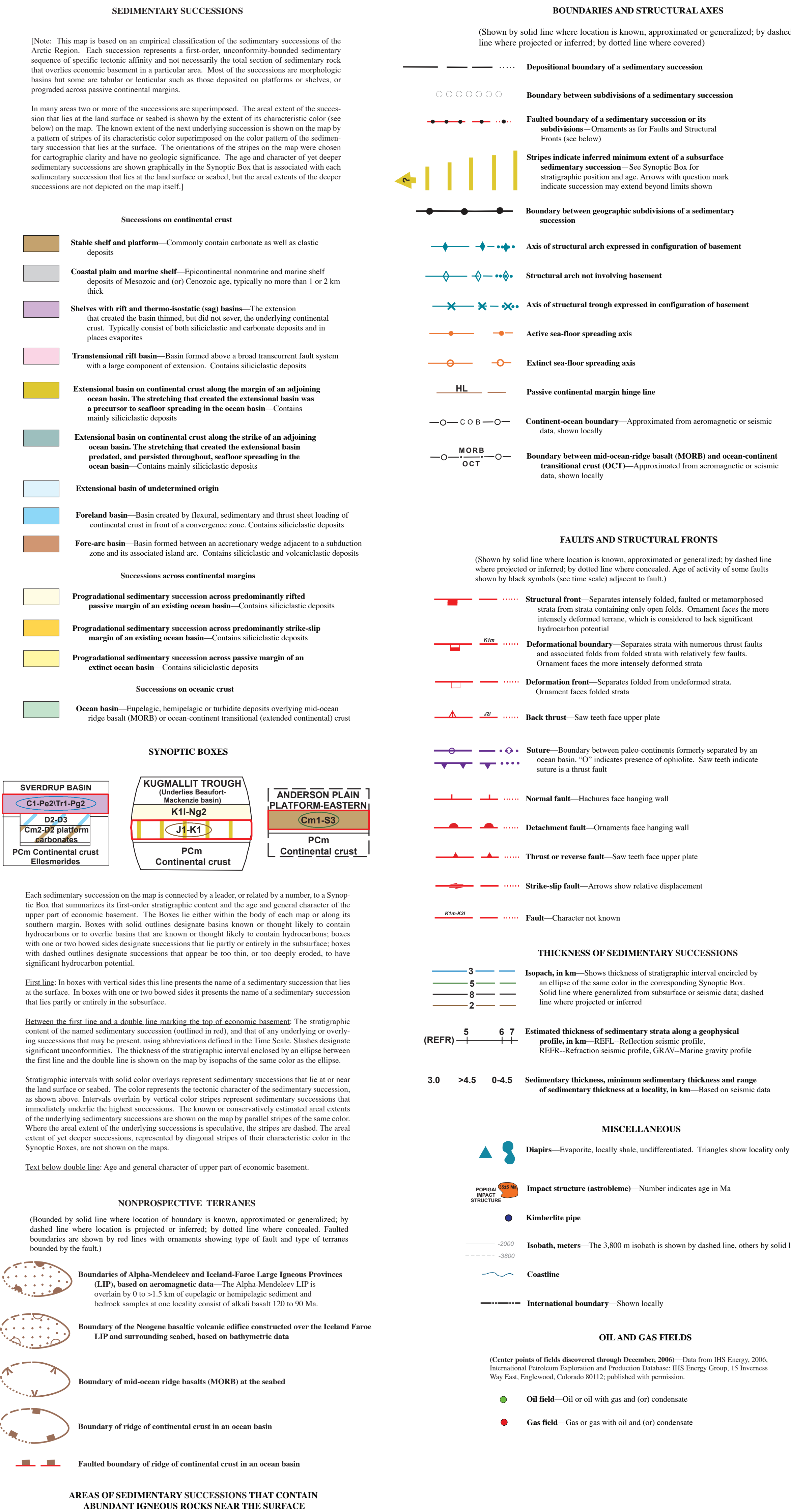


# EXPLANATION AND TIME SCALE FOR MAP SHOWING THE SEDIMENTARY SUCCESSIONS OF THE ARCTIC REGION (58°-64° to 90° N) THAT MAY BE PROSPECTIVE FOR HYDROCARBONS

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## EXPLANATION



## TIME SCALE

This table defines the symbols (e.g. J2) used to designate the stratigraphic position and (or) age of stratigraphic intervals and structural and tectonic features in the maps and synoptic boxes (see Explanation). For simplicity, only one set of symbols is used to designate both the age and (or) the stratigraphic position of rock sequences and tectonic events but context indicates whether a particular symbol is indicative of age or stratigraphic position. The time scale is adapted from Gradstein et al., 2004a and b.

In both the synoptic boxes and the map a lower case "c" at the end of a symbol indicates that the symbol (e.g. J2c) represents only the early/lower part of the defined time range/stratigraphic interval. A lower case "m" at the end of a symbol indicates that it represents only the middle part of the defined time range/stratigraphic interval, and a lower case "l" indicates that it represents only the late/upper part of the defined time range/stratigraphic interval.

Era	Period	Symbol	Epoch	Ma	
CENOZOIC (CZ)	NEOGENE (Ng)		Holocene	0	PRECAMBRIAN (Pcm)
			Pleistocene		
			Pliocene		
				5.3	
	PALEOGENE (Pg)			23	
				34	
				56	
MESOZOIC (MZ)	CRETACEOUS (K)			66	
			Upper/Late	100	
			Lower/Early	146	
	JURASSIC (J)			161	
			Upper/Late		
				176	
			Middle		
				200	
PALEOZOIC (PZ)	TRIASSIC (Tr)			228	
			Upper/Late		
				245	
			Middle		
				251	
	PERMIAN (Pe)			260	
			Upper/Late		
				271	
			Middle		
				299	
MESOZOIC (MZ)	TRIASSIC (Tr)			228	MESOZOIC (MZ)
			Upper/Late		
				245	
			Middle		
				251	
	PERMIAN (Pe)			260	
			Upper/Late		
				271	
			Middle		
				299	
PALEOZOIC (PZ)	CARBONIFEROUS (C)			318	
			Pennsylvanian		
				339	
				385	
	DEVONIAN (D)			398	
			Upper/Late		
				416	
			Middle		
				423	
PALEOZOIC (PZ)	SILURIAN (S)			428	PALEOZOIC (PZ)
				444	
				461	
	ORDOVICIAN (O)			472	
			Upper/Late		
				501	
			Middle		
				513	
PALEOZOIC (PZ)	CAMBRIAN (Cm)			542	
			Upper/Late		
			Middle		
	PRECAMBRIAN (Pcm)				