

Canada -- Arctic Biostrat, Stratigraphic sections (Arctic to Central)			
and Arctic Island Transect			
Converted to GTS2016 age model (July, 2016)			
NOTE: Canada's geologic survey is changing their Lexicon webpages; therefore links might be broken.			
Biostrat from different articles, Lithostrat based on Canada and Arctic DNAG volume charts			
Arctic transect provided by Geol. Surv. Canada (2010)			
Arctic Canada Biostrat		Biostratigraphic columns are from different articles	
Arctic Canada Cenozoic Biostrat			
1) Cenozoic Foram and Nannofossil mixed Zones		Harrison, J. C., U. Mayr, D. H. McNeil, & A. R. Sweet (1999). Correlation of Cenozoic sequences of the Canadian Arctic region and Greenland; implications for the tectonic history of northern North America. <i>Bulletin of Canadian Petroleum Geology</i> . vol 47(3) Septemer, 1999 P. 223-254	
Cenozoic Scale			
2) Beaufort-Mackenzie Basin			
Foraminifera		Harrison et al. (1999) -- see above	
Dinoflagellates		Harrison et al. (1999) -- see above	
3) Western/Arctic Canada			
Pollen, Spores		Harrison et al. (1999) -- see above	
Arctic Canada Jurassic Biostrat			
1) Ammonite Zones			
Jurassic Subboreal/Boreal Ammonite Zones		Harrison, J. C., Wall, J. H., Brent, T. A., Poulton, T. P., & Davies, E. H. (1999). Rift-related structures in Jurassic and Lower Cretaceous strata near the Canadian polar margin, Yukon Territory, Northwest Territories, and Nunavut; in <i>Current Research 1999-E; Geological Survey of Canada</i> , p.47-58.	
Boreal Zones		Harrison et al. (1999) -- see above	
Ammonites (Harrison)			
Ammonites (Poulton)		Poulton, T. P., Detterman R. L., Hall, R. L., Jones, D. L., Peterson, J. A., Smith, P., Taylor, D. G., Tipper, H. W., Westermann G. E. G. <i>Western Canada and United States</i> p. 29-40	
Yukon Ammonites		Poulton, T. P. (1987), Zonation and correlation of Middle Boreal Bathonian to Lower Callovian (Jurassic) Ammonites, Salmon Cache Canyon, Porcupine River, Northern Yukon. <i>Geological Survey of Canada Bulletin</i> 358	
2) Bivalve Zones			
Bivalves (Harrison)		Harrison, J. C., Wall, J. H., Brent, T. A., Poulton, T. P., & Davies, E. H. (1999). Rift-related structures in Jurassic and Lower Cretaceous strata near the Canadian polar margin, Yukon Territory, Northwest Territories, and Nunavut; in <i>Current Research 1999-E; Geological Survey of Canada</i> , p.47-58.	
Bivalves (Poulton)		Poulton, T. P., Detterman R. L., Hall, R. L., Jones, D. L., Peterson, J. A., Smith, P., Taylor, D. G., Tipper, H. W., Westermann G. E. G. <i>Western Canada and United States</i> p. 29-40	
Wrangellia Bivalves		Aberhan, M., Hrudka M., & Poulton, T. P. (1998). Lower Jurassic and Alenian Bivalve Ranges of Western and Northern Canada. <i>Bivalves: An Eon of Evolution</i> , University of Calgary Press, Calgary, 1998, pp. 47-50	
Stikinia Bivalves		Aberhan et al (1998) -- see above	
Western Interior Bivalves		Aberhan et al (1998) -- see above	
3) Foram Zones			
Foraminifera (Harrison)		Harrison et al. (1999) -- see above	
4) Dinoflagellate Zones			
Dinoflagellates (Harrison)		Harrison et al. (1999) -- see above	

		Dinoflagellates (Poulton)	Poulton, T. P., Detterman R. L., Hall, R. L., Jones, D. L., Peterson, J. A., Smith, P., Taylor, D. G., Tipper, H. W., Westermann G. E. G. Western Canada and United States p. 29-40
Arctic Canada Devonian-Cambrian Biostrat			
1) Master Standard Scale			
		Standard Reference Scale	GTS2012 conodonts for Devonian-Ordovician; and trilobites of Cambrian
		Arctic Reference Scale	de Freitas, T., Harrison, J. C., Mayr, U. 1997. GSC open file 3410 [conodonts for Devonian-Ordovician; and trilobites of Cambrian]
2) Conodont Zones			
		North American, North and East Greenland conodont zones	
		Conodont zones, cold water realm, NW Canada	
		North American carbonate platform	
3) Ammonoid Zones			
		Goniatite Zones	de Freitas, T., Harrison, J. C., Mayr, U. 1997. GSC open file 3410
4) Graptolite Zones			
		NW Canada graptolite zones	de Freitas et al. (1997) -- see above
		Arctic graptolite zones	
5) Brachiopod Zones			
		Spiriferidina	de Freitas et al. (1997) -- see above
		Brachiopod zones (UK)	
		Arctic shelly fauna	
		Pentamerid faunal zones of Hudson Bay	
		Ranges of common brachiopods	
6) Palynology Zones			
		Arctic palynomorph zones (Chi)	de Freitas et al. (1997) -- see above
		Arctic palynomorph zones (Richardson and McGregor)	
7) Trilobite Zones			
		Trilobite zones and important brachiopods and corals Also Trilobite Zones of "outer detrial belt"	de Freitas et al. (1997) -- see above
8) Early Life Zones			
		Trace Fossil Sequence	de Freitas et al. (1997) -- see above
		Body fossil zonation	
9) Miscellaneous Fossils			
		Coral Zonation	Moore P. F. Subchapter 4D Devonian. Sedimentary Cover of the Craton in Canada 1993 Geological Survey of Canada
Canada Lithostratigraphy			
(1) Arctic Canada			
			Lithostrat based on Canada DNAG volume regional charts
<i>[NOTE: Usually pairs or triplets of columns for each entry]</i>			
Banks - Baffin Islands (South Arctic transect)			
Banks - Victoria region			
		NW Banks Island	
		Central Banks Island	
		SE Banks Island	
		Victoria and Stefansson Islands	
		Prince of Wales Island	

	Lancaster Region (South)		
	W. Somerset Island		
	E. Somerset Island		
	N. Baffin Island		
	Baffin Region		
	Bylot Island		
	Foxe Plain		
	Devon - Southern Ellesmere Island		
	Lancaster Region (Devon Island)		
	Southern Ellesmere Island		
	Fram Fiord		
	Makinson Islet		
	Bache Pen.		
	Melville - N. Devon Island		
	Sverdrup Lowland (East)		
	Prince Patrick Island		
	Eglinton Island		
	Parry Upland		
	Melville Island - NW		
	Melville Island - Central		
	Melville Island - NE		
	Cameron Island		
	Bathurst Island		
	Cornwallis Island		
	Grinnel Peninsula		
	Mackenzie-Axel Heiberg		
	Sverdrup Lowland		
	Mackenzie, Brock, and Borden Island		
	Lougheed Island		
	King Christian and Ellef Ringnes Islands		
	Ellef Ringnes Island		
	Amund Ringnes Island		
	Cornwall Island		
	Graham Island (Sverdrup Lowland)		
	Axel Heiberg Island		
	AxH South		
	AxH Central West		
	AxH Northwest		
	AxH East		
	AxH North		
	S. Ellesmere - NE Ellesmere		
	Bjorne Peninsula and South		
	Svendsen Peninsula (Central Ellesmere Island)		
	Raanes Peninsula		
	Western Fosheim Peninsula (Central Ellesmere Island)		
	Eastern Fosheim Peninsula		
	South of Caledonian Bay		
	Caledonian Bay (Central Ellesmere Island)		
	Copes Bay to Carl Ritter Bay		
	SW Judge Daly Promontory (Central Ellesmere Island)		
	SE of Ella Bay (Central Ellesmere Island)		
	Head of Ella Bay		
	Saint Patrick Bay (Central Ellesmere Island)		
	N. Ellesmere Transect		
	Central Ellesmere Island		
	Blue Mountains		
	Western Svartfjeld Peninsula		
	Van Hauen Pass (Central Ellesmere Island)		

		Head of Hare Fiord (Central Ellesmere Island)	
		Ooblooyah Bay (Central Ellesmere Island)	
		East of Mouth of Tanquary Fiord (Central Ellesmere Island)	
		Northern Ellesmere Island (Central)	
		McKinley Bay (Central Ellesmere Island)	
		Head of Tanquary Fiord (Central Ellesmere Island)	
		Henrietta Nesmith Gl. (Central Ellesmere Island)	
		Lake Hazen (Central Ellesmere Island)	
		Northernmost Ellesmere Island	
		Head of Emma Fiord	
		Kleybolte Peninsula	
		South of Phillips Inlet	
		Head of Yelverton Inlet	
		Wooton Peninsula to SE of Milne Inlet	
		M'Clintock Gl. (Northern Ellesmere Island)	
		M'Clintock Inlet	
		Head of M'Clintock Inlet	
		Head of Disraeli Fiord (Northern Ellesmere Island)	
		E. of Disraeli Fiord to Markham Fiord	
		C. Columbia to C. Nares (Northern Ellesmere Island)	
		NW. of Clements Markham River	
		Crescent Gl. To Clements Markham Inlet (Northern Ellesmere Island)	
		Feilden Peninsula, Parry Peninsula, Parker River (Northern Ellesmere Island)	
		NW of Piper Pass (Northern Ellesmere Island)	
		Northern Greenland	
		Kane Basin - Independence Fiord Region	
		Inglefield Land	
		Washington Land	
		Petermann Gl.	
		Western North Greenland (South)	
		Southern Peary Land - Independence Fiord	
		Danmark Fiord	
		N. Greenland Region	
		Western North Greenland (North)	
		Northern Peary Land	
		(2) Canadian Arctic Island transect suite	Arctic transect provided by Geol. Surv. Canada (2010)
		Ellef Rignes Island strat	
		<i>Ellef Rignes-Sutherland Transect</i>	
		Sutherland O-23	
		<i>Sutherland-Helena transect</i>	
		Helena Island	
		<i>Helena-E. Bathurst transect</i>	
		Bathurst Island strat	
		<i>Cornwallis Island transect</i>	
		Between Cornwallis and Somerset islands	
		<i>Somerset-Brodeur transect</i>	
		NW Baffin Island	
		<i>North Baffin - Melville transect</i>	
		(3) Northern Canada lithostratigraphy	Lithostrat based on Canada DNAG volume regional charts

		<i>[NOTE: Usually pairs of columns for each entry]</i>	
Canadian Arctic and Mackenzie Area			
		Romanzoff Uplift/Babbage Depression (British-Barn Mtns Old Crow Basin)	
		Yukon Coastal Plain/Rapid Dpression (Mackenzie Bay)	
		West Richardson Trough White Uplift (White Mountains)	
		East Richardson Trough White Uplift (Northern Richardson Mtns)	
		Mackenzie Delta	
		Campbell Uplift (Inuvik)	
		Anderson Basin (Anderson Plain)	
		Brock Inlier (Melville Hills)	
		Coppermine Homocline	
Northern Yukon and Mackenzie Fold Belt			
Northern Yukon Fold Complex			
		Kandik Basin (Kandik River)	
		Eagle Fold Belt (Eagle Plain)	
		Bonnet Plume Basin	
		Eastern Ogilvie Arch (Eastern Wernecke Mtns)	
Yukon Mackenzie Fold Belt			
		Frontal Mackenzie Mountains (Snake River)	
		Mackenzie Arch (Arctic Red River)	
		Mackenzie Synclinorium (Mountain River)	
		Northern Franklin Mountains (Norman Wells)	
		Keele Arch (Fort Norman)	
		Great Bear Basin (Western Great Bear Lake)	
Central Yukon to Yellowknife			
		Misty Creek Embayment (Twitya River)	
		Sekwi Mountain	
		East Glacier Lake Nahanni	
		Frontal Mackenzie Mountains (Redstone River)	
		Franklin Mountains (Cap Mountain)	
		Bulmer Lake Arch (Bulmer Lake)	
		Great Bear Plain Lac La Martre	
Southern Northwest Territories			
		Selwyn Basin (Flat River)	
		Southern Mackenzie Fold Belt (Kotanelee and Liard Ranges)	
		Tathlina Arch (Trout Lake)	
		Hay River Platform (Hay River Pine Point)	
(4) Central Canada lithostratigraphy			Lithostrat based on Canada DNAG volume regional charts
		<i>[NOTE: Usually pairs of columns for each entry]</i>	
Northern British Columbia-Alberta			
Northern BC Rocky Mountain Fold Belt			
		Gataga High (Gataga River)	
		Roosevelt Graben (Mount Churchill)	
		MacDonald Platform (Summit Lake)	
		Liard and Scatter Rivers	
Northern BC Interior Platform			
		Zama Lake	
Middle British Columbia-Alberta			
Middle BC Rocky Mountain Fold Belt			

		Western Rocky Mountains (Ware Map Area)	
		Eastern Rocky Mountains (Halfway Map Area)	
		Peace River Arch/Embayment (Pine Pass)	
		Middle BC Interior Platform	
		Peace River Plains (Fort St. John)	
		Hay River Basin (Fort McMurray)	
		Middle Alberta- Sask.	
		Front Range (Narraway River)	
		Swan Hills	
		Cold Lake	
		Cumberland House	
		Lower Mid Alberta- Sask.	
		Lower Mid Alberta Rocky Mountain Fold Belt	
		Mount Robson Syncline (Mount Robson)	
		Eastern Main Ranges (Jasper)	
		Western Alberta Ridge (Roche Miette)	
		Eastern Alberta Foothills (Brule)	
		Lower Mid Alberta Interior Platform	
		Edmonton	
		Lloydminster	
		Saskatoon	
		Lake Winnipegosis	
		Southern Alberta- Sask.	
		Southern Alberta Rocky Mountain Fold Belt	
		Western Rocky Mountains (Stanford-Hughes Ranges)	
		Main Ranges Basin (Kickinghorse River)	
		Main Ranges Platform (Spray River Connor Lake)	
		West Alberta Arch/Front Range (Exshaw)	
		Western Alberta Foothills (Turner Valley)	
		Southern Alberta Interior Platform	
		Calgary Drumheller	
		North Williston Basin (Moose Jaw Regina)	
		Eastern Platform (Lake Manitoba)	
		Far Southern Alberta- Manitoba	
		Far Southern Rocky Mountain Fold Belt	
		Fernie Basin (Elko Fernie)	
		Front-Ranges Foothills (Waterton Pincher Creek)	
		Far Southern Interior Platform	
		Sweetgrass Arch (Cypress Hills)	
		West Williston Basin (Maple Creek Swith Current)	
		Central Williston Basin (Big Muddy Willow Bunch)	
		East Williston Basin (Brandon)	
		Hudson Platform	
		Bell Arch (Southampton Coats and Mansel Is.	
		Northern Hudson Bay	
		Central Hudson Bay	
		Northern Hudson Bay Lowland	
		Central Hudson Bay Lowland	
		North James Bay Lowland	
		Central James Bay Lowland	
		South James Bay Lowland	
		West St. Lawrence Platform/Lowland	
		Michigan Basin (Windsor Sarnia)	
		Allegheny Basin(Western Lake Erie)	
		Michigan Basin(Maitoulin Island)	

		Algonquin Arch		
		Allegheny Basin(Niagara Peninsula)		
		Central St. Lawrence Platform/Lowland and Laurentian Highlands		
		<i>and Outliers within Superior and Grenville Provinces</i>		
		Lake Timiskaming and Ottawa Valley		
		Outliers-Ottawa Embayment		
		Pembroke-Arnprior Outlier Ottawa and St. Lawrence River		
		Montreal		
		St. Hyacinthe		
		West Lac St. Jean-Chicoutimi Outlier		
		Quebec City		
		Nicolet-Yamaska		
		East St. Lawrence Platform/Lowland		
		N. Shore and Mingan Island Anticosti Island		
		Gulf of St. Lawrence		
		Port Au Port Peninsula		
		Southeast Labrador Strait of Belle Isle		
		Canada Bay		