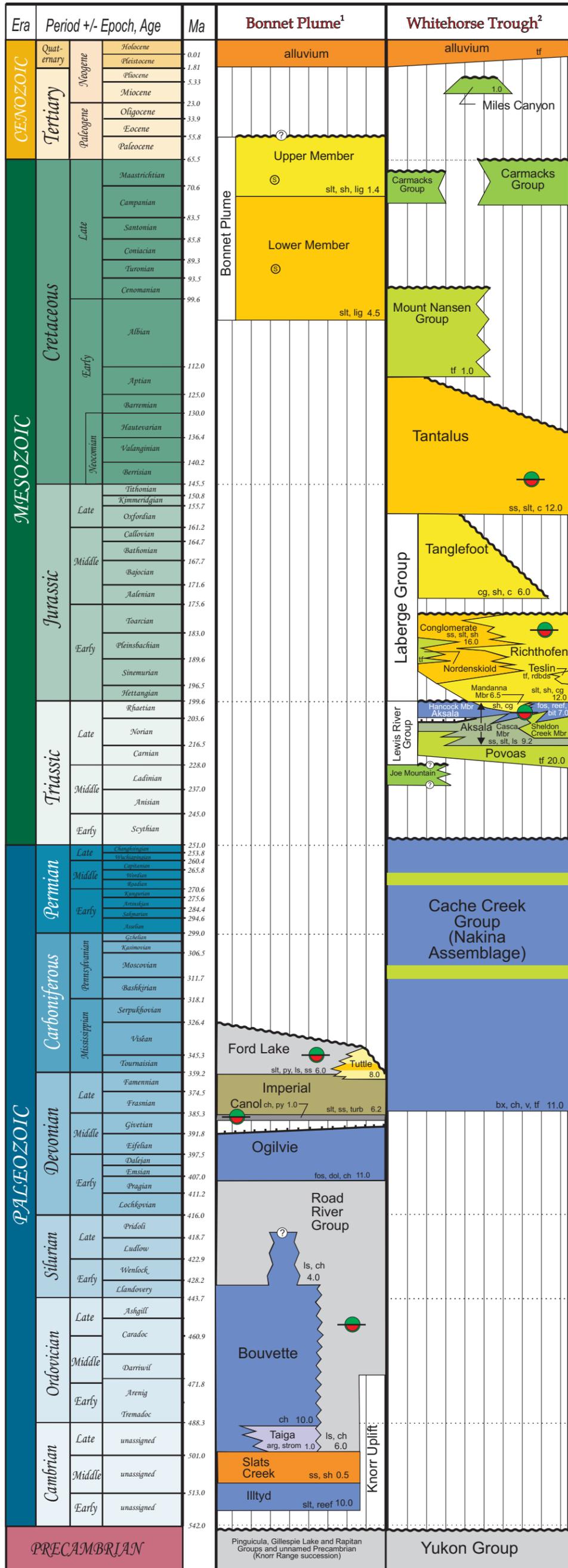


Table of Formations - Southern Yukon



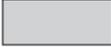
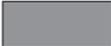
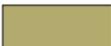
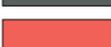
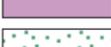
Time scale ages after Gradstein et al., 2004. Geological Survey of Canada (GSC) Miscellaneous Report 86. Error ranges are not shown; Time scale is not linear.

<sup>1</sup> Gabrielse, H. and Yorath, C.J. (eds.) 1992. Geology of Canada, no. 4. Geology of North America, v. G-2. Morrow, D.W. 1999. GSC Bulletin 538; Morrell, G.R. (Editor). 1995. Petroleum Exploration in Northern Canada - A Guide to Oil and Gas Exploration and Potential. Northern Oil and Gas Directorate, Indian and Northern Affairs Canada

<sup>2</sup> Gabrielse, H. and Yorath, C.J. (eds.) 1992. Geology of Canada, no. 4. Geology of North America, v. G-2. National Energy Board, 2001. English et al. 2003. Geological Fieldwork 2002. B.C. Ministry of Energy and Mines, Paper 2003-1; Hart, C.J.R. and Orchard, M.J. 1996. Current Research 1996-A. Geological Survey of Canada, p. 11-18; Tempelman-Kluit, D.J. 1984. Geological Survey of Canada, Open File 1101.

Figure 19. (Morrow, Jones and Dixon)

## Lithologies

	Shale (gray, craton-derived)
	Shale (black, organic-rich, siliceous)
	Shale, siltstone (green to buff, craton-derived)
	Chert (shallow water)
	Chert (deep water)
	Red beds (silty, argillaceous carbonates and siltstones)
	Sandstone (craton-derived)
	Sandstone, siltstone (foredeep)
	Shale (foredeep)
	Conglomerate, sandstone and/or orange silty carbonates
	Conglomeratic mudstone, diamictite, glacial drift, rift clastics
	Limestone
	Dolostone
	Salt/anhydrite (evaporite)
	Quartz monzonite, granodiorite, granite
	Syenite, nephelinite, basanite
	Metamorphic (schist, paragneiss)
	Volcanogenic clastics
	Tholeiitic volcanics
	Alkaline volcanics
	Gabbro, diabase, diorite
	Dolomite (diagenetic)
	Sand/gravel

### Contacts

Conformable	
Unconformity/ Nonconformity	
Disconformity/ Condensed Section	
Depositional hiatus/no record	

### Other Conventions

Thickness (hundreds of metres) - 9.8  
Nonmarine - ||

### Hydrocarbons

	Gas discovery
	Gas show
	Oil discovery
	Oil show
	Source rock

### Lithologic Abbreviations

ss - sandstone	ch - chert	ben - bentonite
slt - siltstone	calc sh - calcareous shale	strom - stromatolitic
sh - shale	lig - lignite	turb - turbidites
mdst - mudstone	c - coal	bx - breccia
cg - conglomerate	bit - bitumen	conc - concretionary
diam - diamictite	i-f - iron formation	fos - fossiliferous
rdbd - red beds	sil - siliceous	sl - slate
carb - carbonate	gyps - gypsum	phy - phyllite
ls - limestone	gl - glauconite	qte - quartzite
dol - dolostone	pho - phosphate	gn - gneiss
anh - anhydrite	py - pyrite	v - volcanics
sa - salt	reef- reefal	tf - tuff
arg - argillite, argillaceous	spic - spicules	agg - agglomerate

Figure 19. (Morrow, Jones and Dixon)