

Released as part of Appendix 6 in
AER/AGS Open File Report 2017-08

Well License 0183221 Well Name SYNCRUDE 9612-001
AURORA 16-2-96-11

Ground: 263.9 m; KB: 265.9 m

Logged by F. J. Hein for a poster display for the CSPG
Core Conference with D. K. Cotterill. Original no
longer available; scanned marked copy used for poster
display.

Wab D Shale at top; 2.5 m; T10.5 mkr

McM Chnl, 5.4 m; E10 surface

Top Lower McMurray; continental
to fluvial overbank succession, E05
surface, 59 m

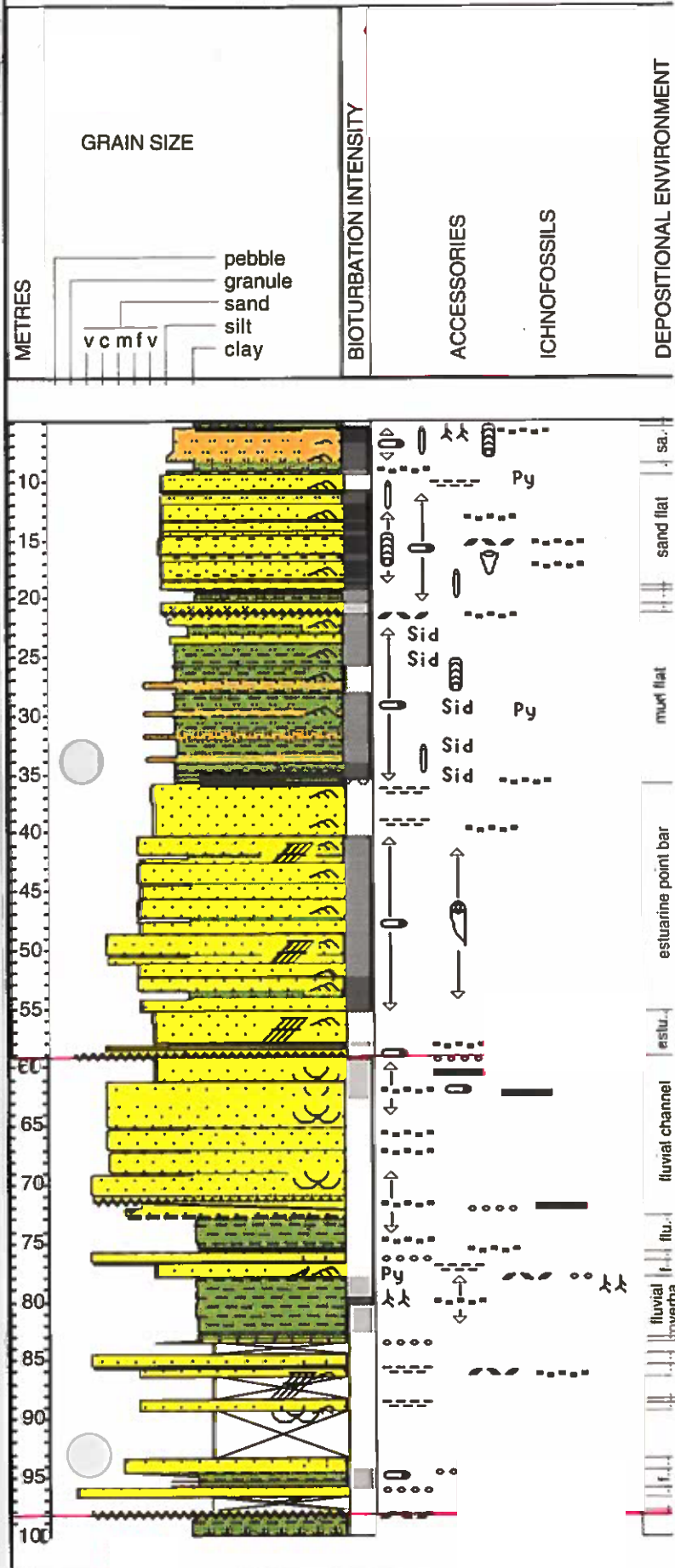
pre-McMurray based on
palynology, 76 m; so base of
Lower McMurray is at this depth

Weathered Devonian limestone and
marl; {Paleozoic Top (Pz) 99 m

Picks: Top Wab D (T10.5) = 2.5 m;
Top McMurray Chnl Sequence (E10) = 5.4 m; Top Lower McMurray Fluvial/Continental Succession (E05)
= 59 m; Top pre-McMurray clastics, marl and/or karst unit = 76 m; sub-Cretaceous unconformity/Top
Paleozoic (Pz) = 99 m

Synchrude Aurora 9612-001

16-02-096-11w4 AB/



AppleCore colour legend









LITHOLOGY

	SAND/SANDSTONE		SHALEMUDSTONE		organic shale		LIMESTONE
	silty sand		silty shale		coal		Calcareous shale
	shaly sand		sandy shale		breccia		Lost Core
	sandy silt		clay/claystone				

CONTACTS

	Sharp		Erosional
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PHYSICAL STRUCTURES

	Current Ripples		Trough Cross-strat.		Oscillatory Ripples		Planar Tabular Bedding
	High Angle Tabular Bedding		Low Angle Tabular Bedding		Wavy Parallel Bedding		Synaeresis Cracks

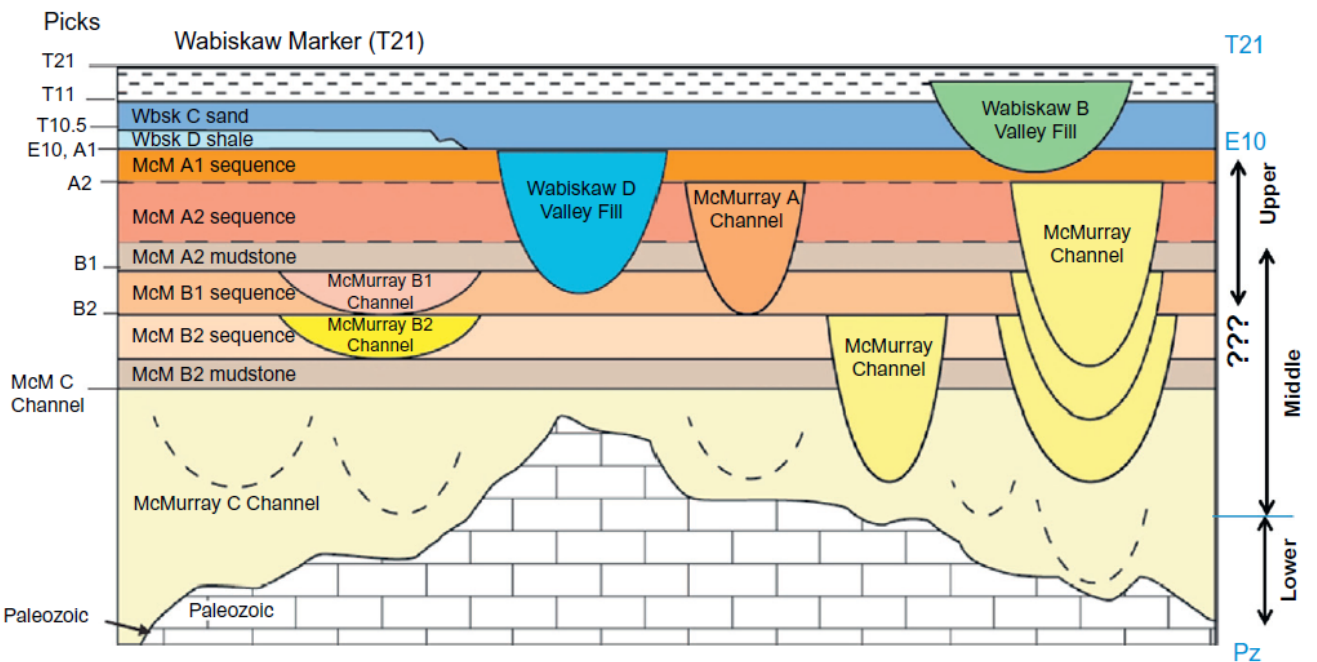
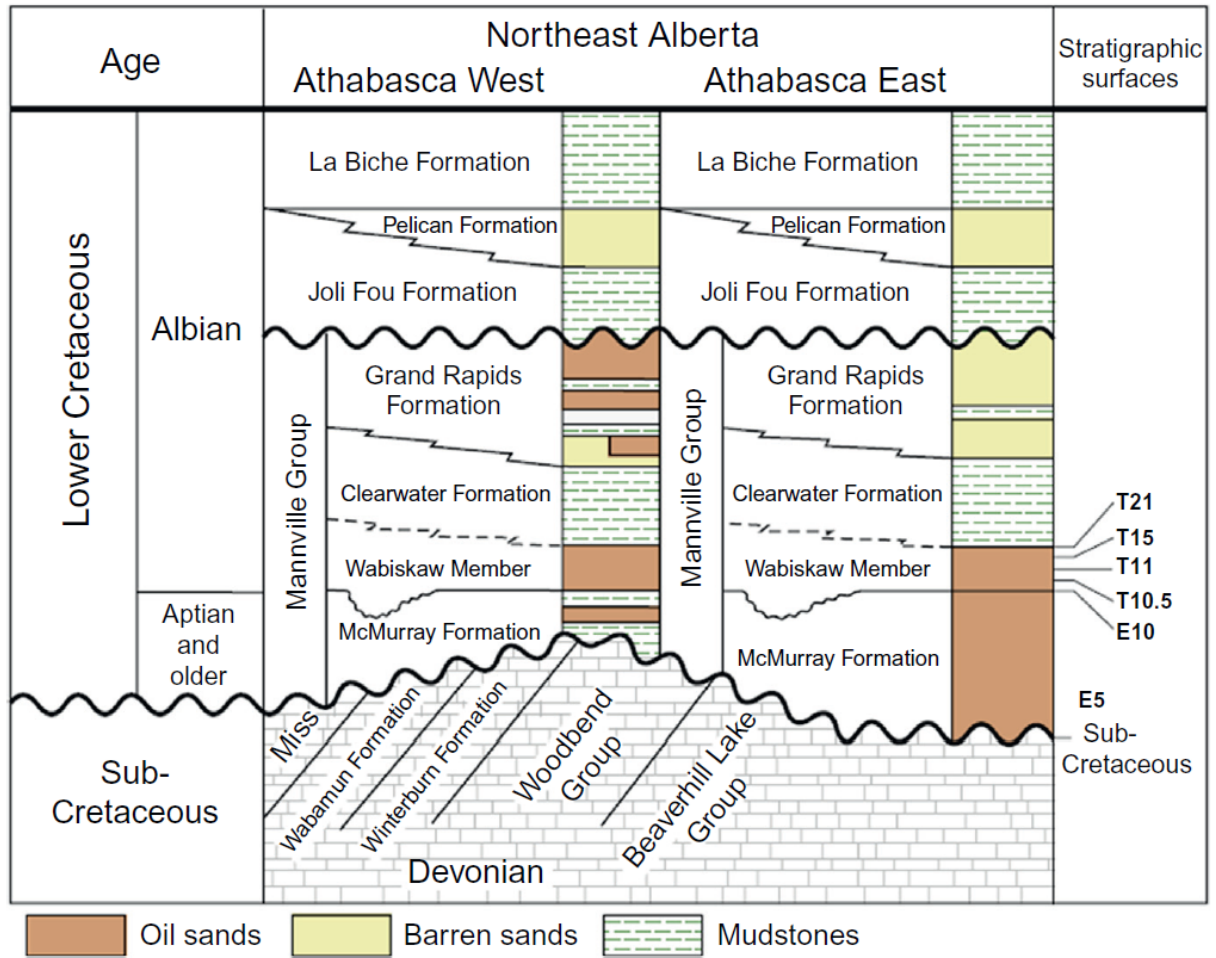
LITHOLOGIC ACCESSORIES

	Silt Lamina		Shale Lamina		Pebbles/Granules		Glauconitic
	Feldspathic		Lithic		Rip Up Clasts		Coal Fragments
	Wood Fragments		Salt & Pepper				

ICHTNOFOSSILS

	Rootlets		Skolithos		Planolites		Gyrolithes
	Diplocraterion		Arenicolites		Escape Trace		Cylindrichnus
	Bergaueria		Asterosoma		Thalassinoides		Chondrites
	Teichichnus		Anconichnus				

Stratigraphic Nomenclature for Picks



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