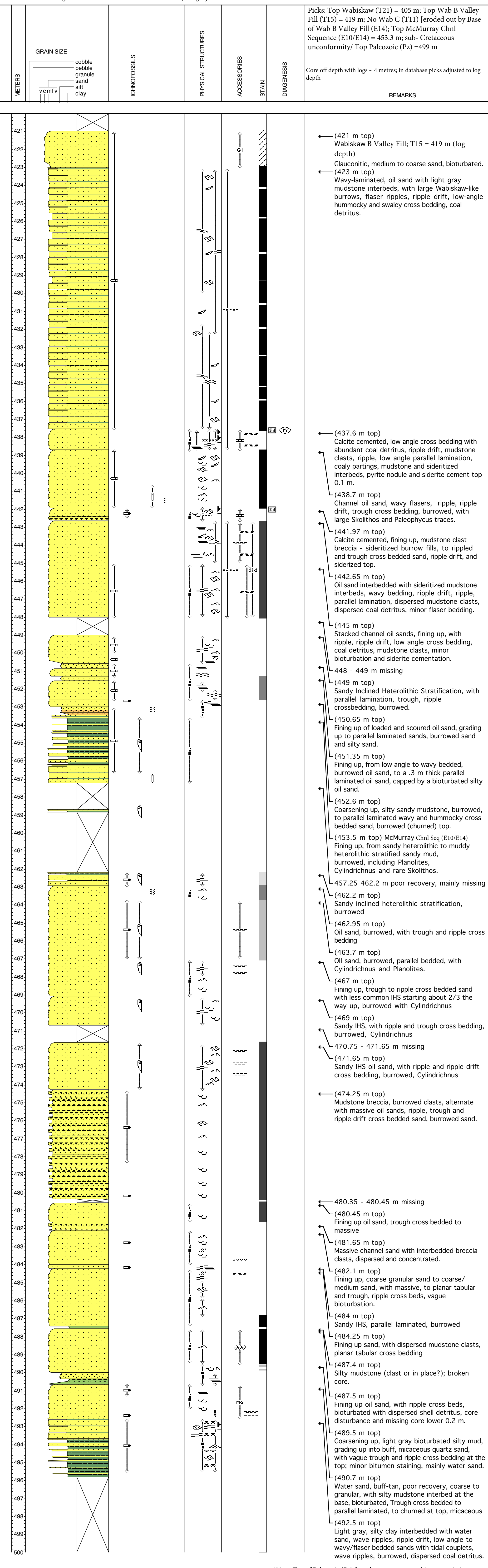


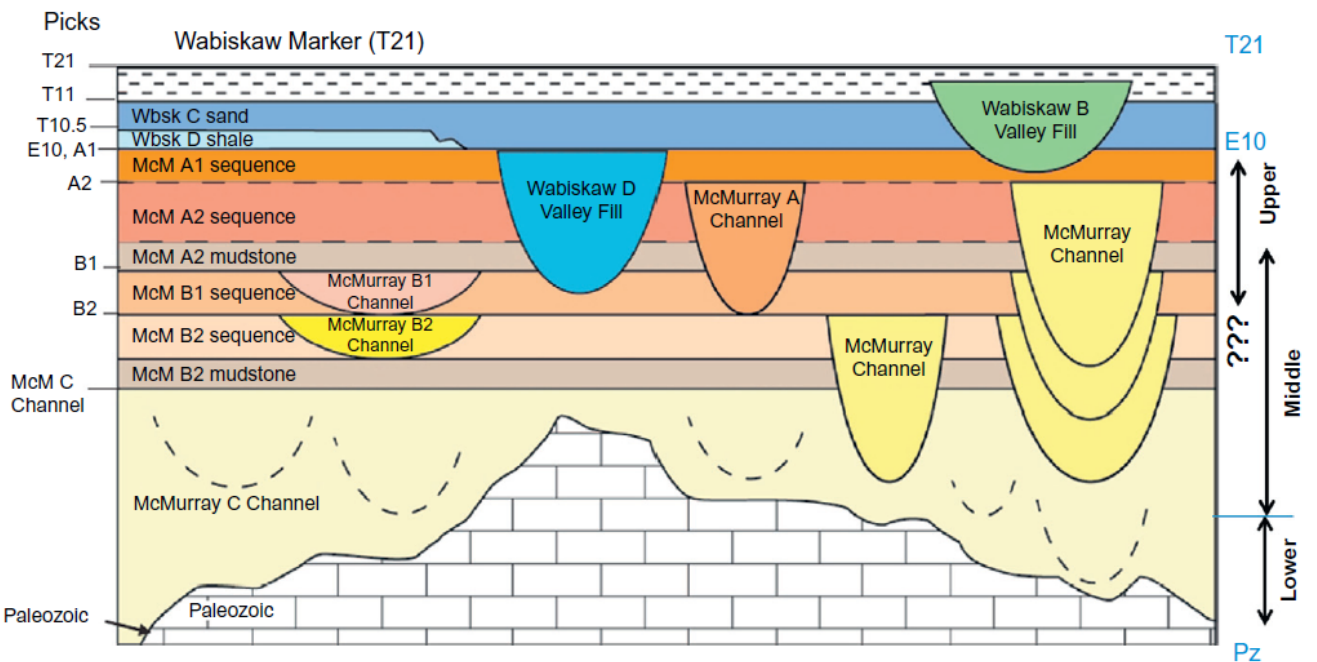
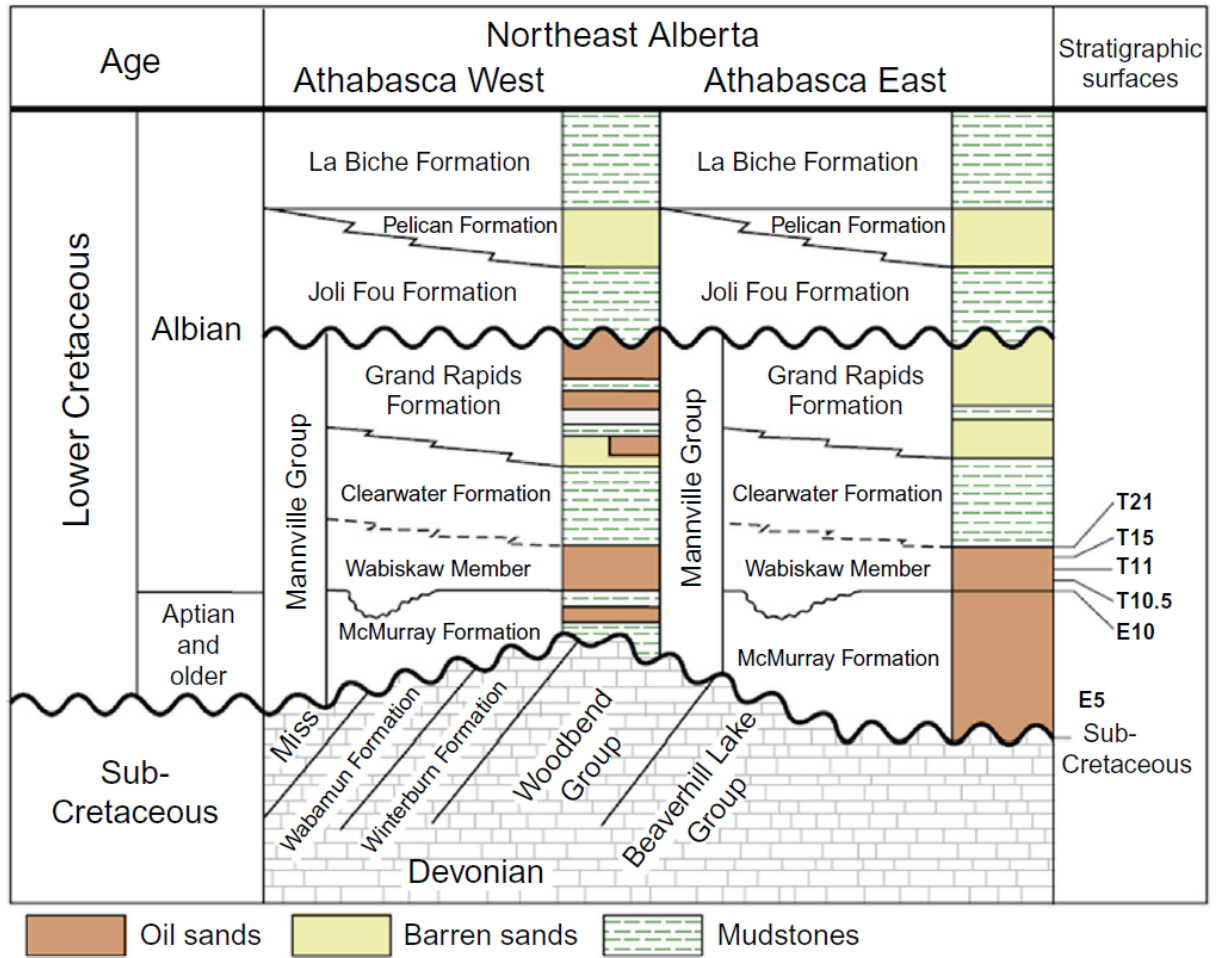
Core Storage Location: AER Core Research Centre, Calgary



### LEGGE

LITHOLOGY			
	SAND/SANDSTONE		sandy silt
	silty sand		clayey silty
	silty shale		clay/claystone
	breccia		Lost Core
PHYSICAL STRUCTURES			
	Current Ripples		Trough Cross-strat.
	Planar Tabular Bedding		High Angle Tabular Bedding
	Wavy Parallel Bedding		Hummocky Cross-strat.
	Double Mud Drapes		Graded Bedding
	Load Casts		Tight zone
	Oscillatory Ripples		Low Angle Tabular Bedding
	Climbing Ripples		Flaser Bedding
	Reverse Graded Bedding		
LITHOLOGIC ACCESSORIES			
	Shale Lamina		Calcareous
	Glaucconitic		Coal Fragments
	Micaceous		Siderite
	Pebbles/Granules		Shell Fragments
	Rip Up Clasts		
ICHTHOFOSSILS			
	Skolithos		Palaeophycus
	Cylindrichnus		Escape Trace
	Planolites		
DIAGENESIS			

# Stratigraphic Nomenclature for Picks



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**Definition of stratigraphic markers ('picks') with quality codes**  
(modified from Wynne et al., 1994 and Hein et al., 2000).\*

Pick	Type of Surface	Description	Quality Code**
T21	Transgressive	Wabiskaw Marker Top Wabiskaw Mbr. 'A'	Good - Very Good
T15	Transgressive	Top Wabiskaw Mbr. 'B'	Good - Very Good
E14	Major Erosion	Wabiskaw Internal Incision	Good - Very Good
T11	Transgressive	Base First Regional Marine Shale in the Clearwater Fm. Top Wabiskaw Mbr. 'C'	Very Good-Excellent
T10.5	Transgressive	Top Wabiskaw Mbr. 'D' Incised Valley-Fill Deposit	Excellent-Very Good
E10	Disconformity/ Unconformity	Top Upper McMurray Fm Major Erosion Surface	Excellent -Very Good
E5	Disconformity/ Unconformity	Top Lower McMurray Fm. Major Erosion Surface	Variable Very Poor -Fair
Sub-Cret. (Pal.)	Unconformity	Base of McMurray Fm Major Erosion Surface	Variable Very Good-Excellent (However this is sometimes difficult to pick in areas of significant clastic karst-infill, or where marl is above the sub- Cretaceous unconformity)

\* Abbreviations: Group, Grp.; Formation, Fm.; Member, Mbr.

\*\* Quality Codes are relative: Excellent to Very Good, can be picked on all wire-line logs and seismic; Poor to Very Poor, need to be confirmed by outcrops or core, difficult to pick on wire-line logs, somewhat easier to pick on seismic.

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