

Date Logged: November 1, 2000

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

Logged by: Darrell Cotterill, edited by F. J. Hein

Ground: 592.4 m      KB: 594.60 m

Remarks: Core Location: AER Core Research Centre, Calgary

Cored Interval: 247.55 - 317.3m

Described Interval: 253.75 - 306.3m

Core Condition: good

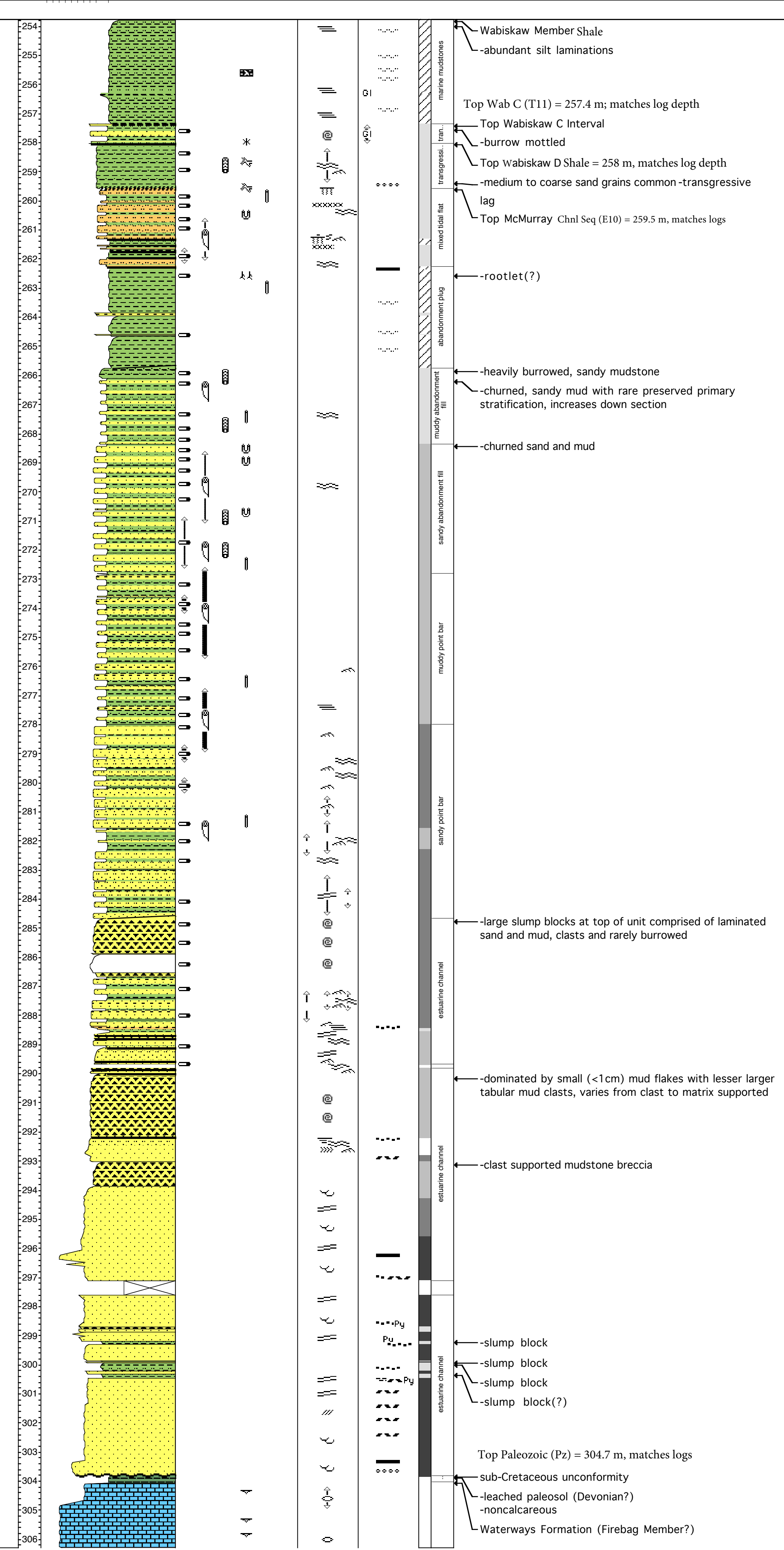
Core Status: slabbed

Formation/Member Cored: Wabiskaw/McMurray

Done as part of AGS Report on Sunrise Firebag, posted on the AGS website.

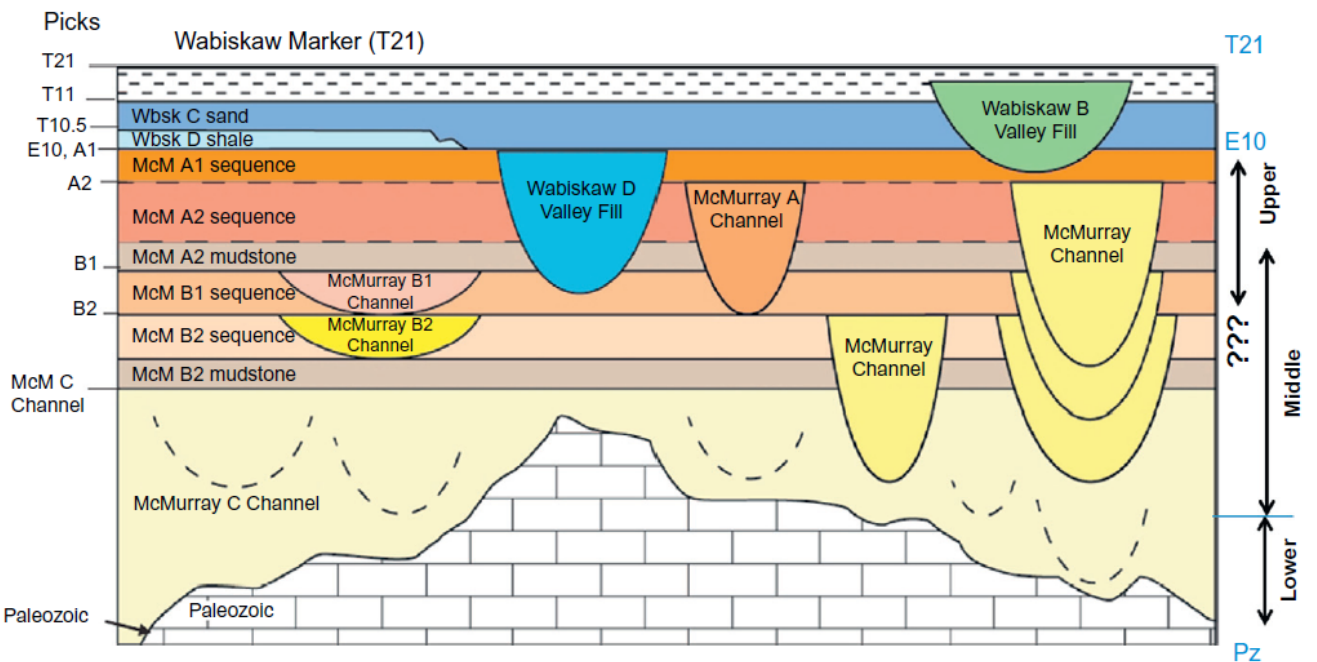
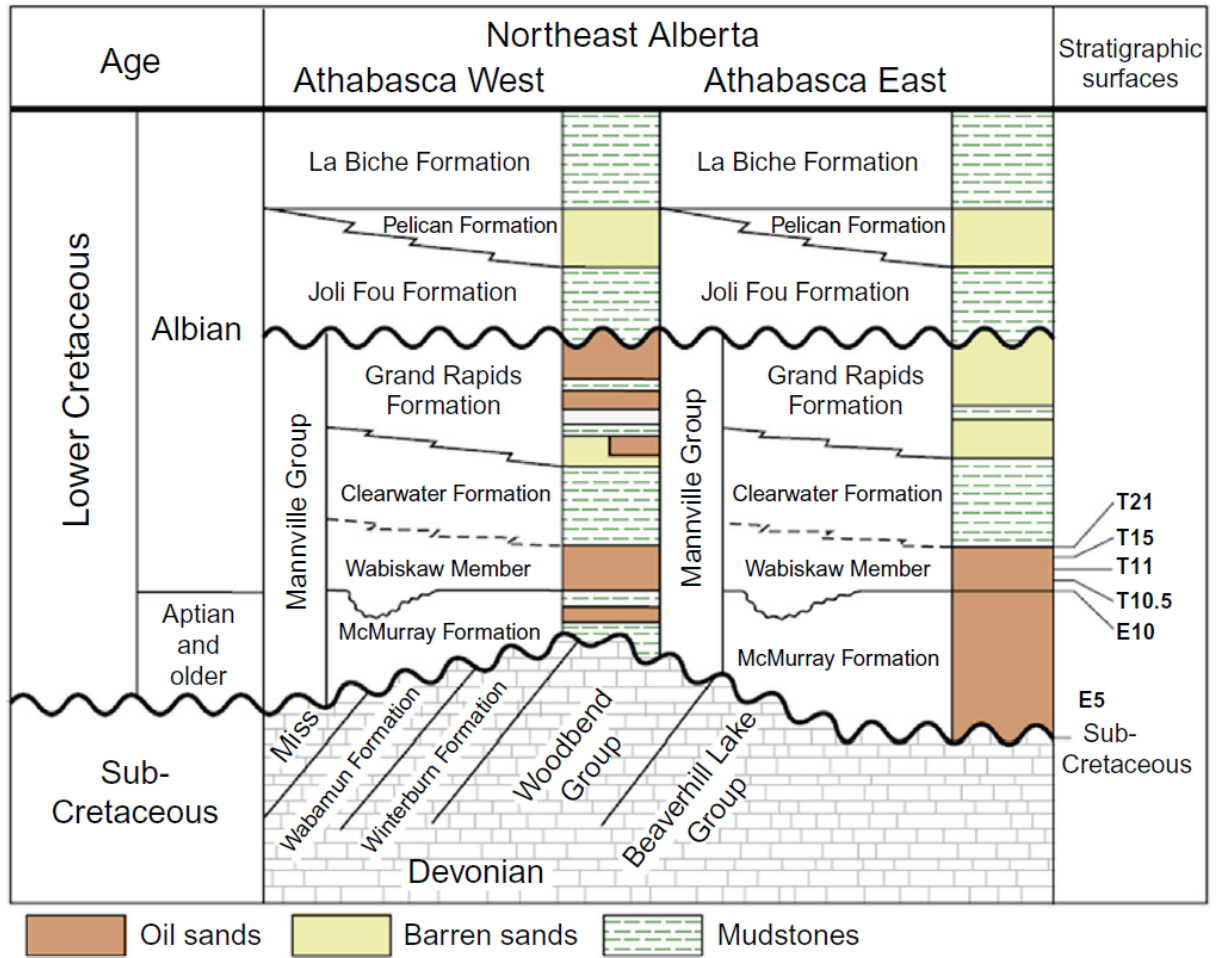
Used as part of regional facies mapping and picks for the Athabasca oil sands.

METERS	GRAIN SIZE	ICHOFOSSILS	FOSSILS	PHYSICAL STRUCTURES	ACCESSORIES	STAIN	DEPOSITIONAL ENVIRONMENT	REMARKS
	<div><div>v</div><div>c</div><div>m</div><div>f</div><div>v</div></div> <div><div>cobble</div><div>pebble</div><div>granule</div><div>sand</div><div>silt</div><div>clay</div></div>							Picks: Top Wabiskaw (T21) = 250.2 m; Top Wab-B equiv (T15) = 252; Top Wab C (T11) = 257.4 m; Top Wabiskaw D Shale (T10.5) = 258 m; Top McMurray Chnl Sequence = 259.5 m; sub- Cretaceous unconformity/ Top Paleozoic (Pz) =304.7 m



LEGEND			
LITHOLOGY			
<div><div></div>SAND/SANDSTONE</div> <div><div></div>silty sand</div> <div><div></div>shaly sand</div> <div><div></div>sandy silt</div>	<div><div></div>clayey silty</div> <div><div></div>SHALE/MUDSTONE</div> <div><div></div>silty shale</div>	<div><div></div>sandy shale</div> <div><div></div>clay/claystone</div> <div><div></div>breccia</div>	<div><div></div>untitled</div> <div><div></div>LIMESTONE</div> <div><div></div>Lost Core</div>
CONTACTS			
<div><div></div>Sharp</div> <div><div></div>Inclined</div>	<div><div></div>Erosional</div>	<div><div></div>Bioturbated</div>	<div><div></div>Uncertain</div>
PHYSICAL STRUCTURES			
<div><div></div>Current Ripples</div> <div><div></div>Low Angle Tabular Bedding</div> <div><div></div>Chaotic Bedding</div>	<div><div></div>Trough Cross-strat.</div> <div><div></div>Wavy Parallel Bedding</div> <div><div></div>Synaeresis Cracks</div>	<div><div></div>Planar Tabular Bedding</div> <div><div></div>Lenticular Bedding</div> <div><div></div>Tight zone</div>	<div><div></div>High Angle Tabular Bedding</div> <div><div></div>Herringbone Cross-strat.</div>
LITHOLOGIC ACCESSORIES			
<div><div></div>Silt Lamina</div> <div><div></div>Glauconitic</div>	<div><div></div>Shale Lamina</div> <div><div></div>Pyrite</div>	<div><div></div>Pebbles/Granules</div> <div><div></div>Rip Up Clasts</div>	<div><div></div>Coal Lamina</div> <div><div></div>Coal Fragments</div>
ICHOFOSSILS			
<div><div></div>Rootlets</div> <div><div></div>Cylindrichnus</div> <div><div></div>Teichichnus</div>	<div><div></div>Skolithos</div> <div><div></div>Asterosoma</div>	<div><div></div>Planolites</div> <div><div></div>Thalassinoides</div>	<div><div></div>Arenicolites</div> <div><div></div>Chondrites</div>
FOSSILS			
<div><div></div>Brachiopods</div>			

# Stratigraphic Nomenclature for Picks



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