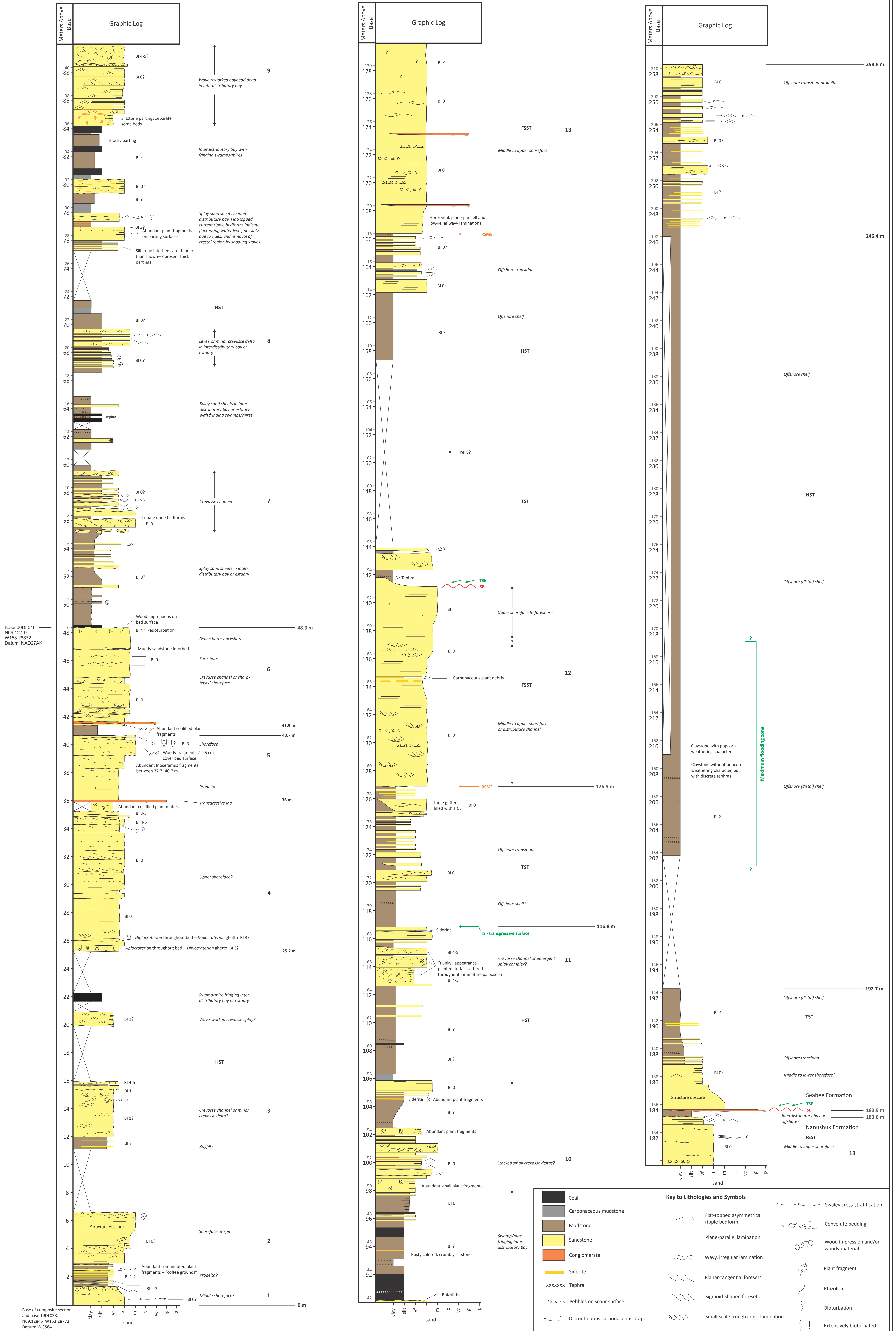
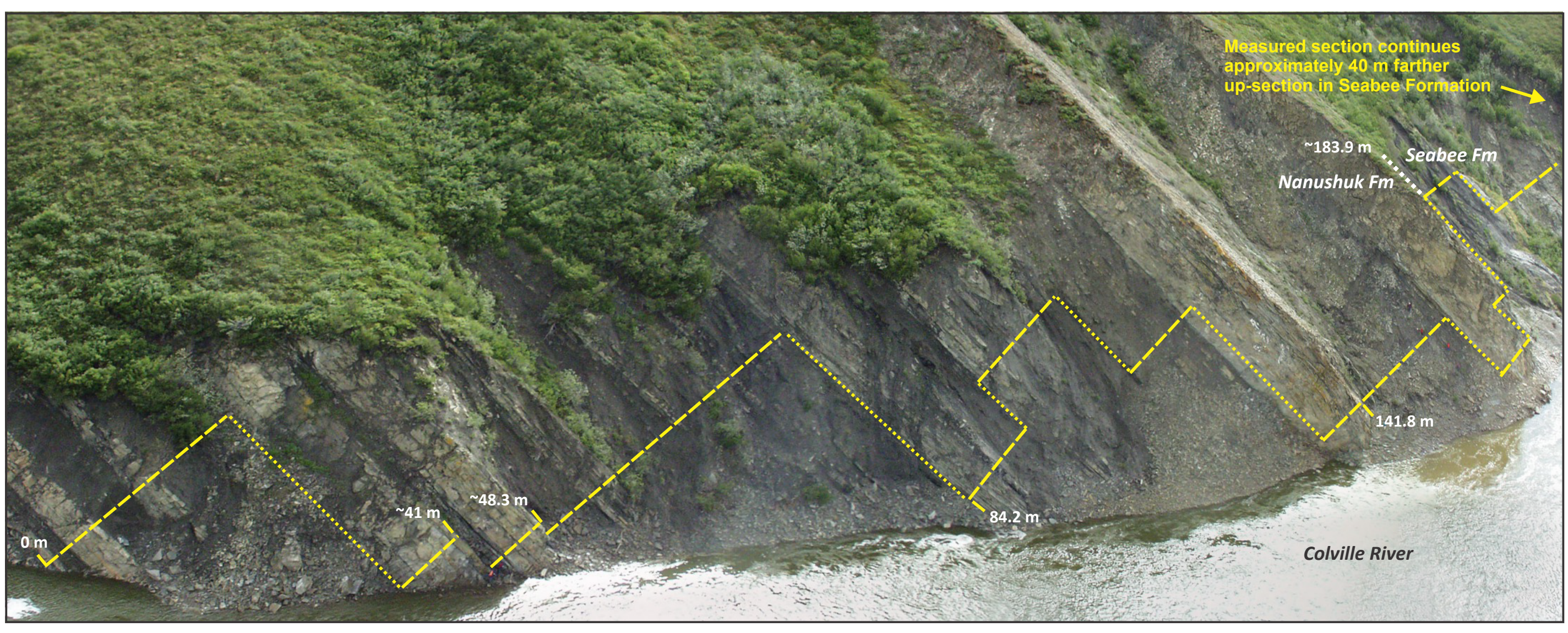


Measured Stratigraphic Section, Upper Nanushuk Formation (Cenomanian), Ninuluk Bluff, Alaska



Base 00DL016:
N69.12797
W153.28872
Datum: NAD27AK

Base of composite section
and base 190L038:
N69.12845 W153.28773
Datum: WGS84



View toward southwest

Key to Lithologies and Symbols	
	Coal
	Carbonaceous mudstone
	Mudstone
	Sandstone
	Conglomerate
	Siderite
	Tephra
	Pebbles on scour surface
	Discontinuous carbonaceous drapes
	Current ripple cross-lamination
	Asymmetrical ripple bedform
	Wave-ripple cross-lamination
	Wave-ripple bedform
	Swaley cross-stratification
	Flat-topped asymmetrical ripple bedform
	Plane-parallel lamination
	Wavy, irregular lamination
	Planar-tangential foresets
	Sigmoid-shaped foresets
	Large-scale trough cross-bedding
	Low-angle, inclined lamination
	Hummocky cross-stratification
	Convolute bedding
	Wood impression and/or woody material
	Plant fragment
	Rhizolith
	Bioturbation
	Extensively bioturbated
	Diplocraterion
	Shell fragments (pelecypod)

Sequence Stratigraphy Abbreviations
 FSST - falling stage systems tract; HST - highstand systems tract; TS - transgressive surface; TSE - transgressive surface of erosion; MFS - maximum flooding surface; SB - sequence boundary; RSME - regressive surface of marine erosion

Bioturbation Index (BI)
 0 - no bioturbation; 1 - sparse bioturbation (1-5 percent bioturbated); 2 - low bioturbation (6-30 percent bioturbated); 3 - moderate bioturbation (31-60 percent bioturbated); 4 - high bioturbation (61-90 percent bioturbated); 5 - intense bioturbation (91-99 percent bioturbated, limited overprinting); 6 - complete bioturbation (100 percent bioturbated, repeated overprinting)
 Bioturbation index modified from Taylor and Goldring (1993)

Note regarding meterage on measured section: Meters shown in larger black font represent meters above the base of the composite measured section. Meters shown in smaller gray font represent meters above the base of the original section measured during the 2000 field season and are included here to aid in locating the stratigraphic position of samples collected during that year.