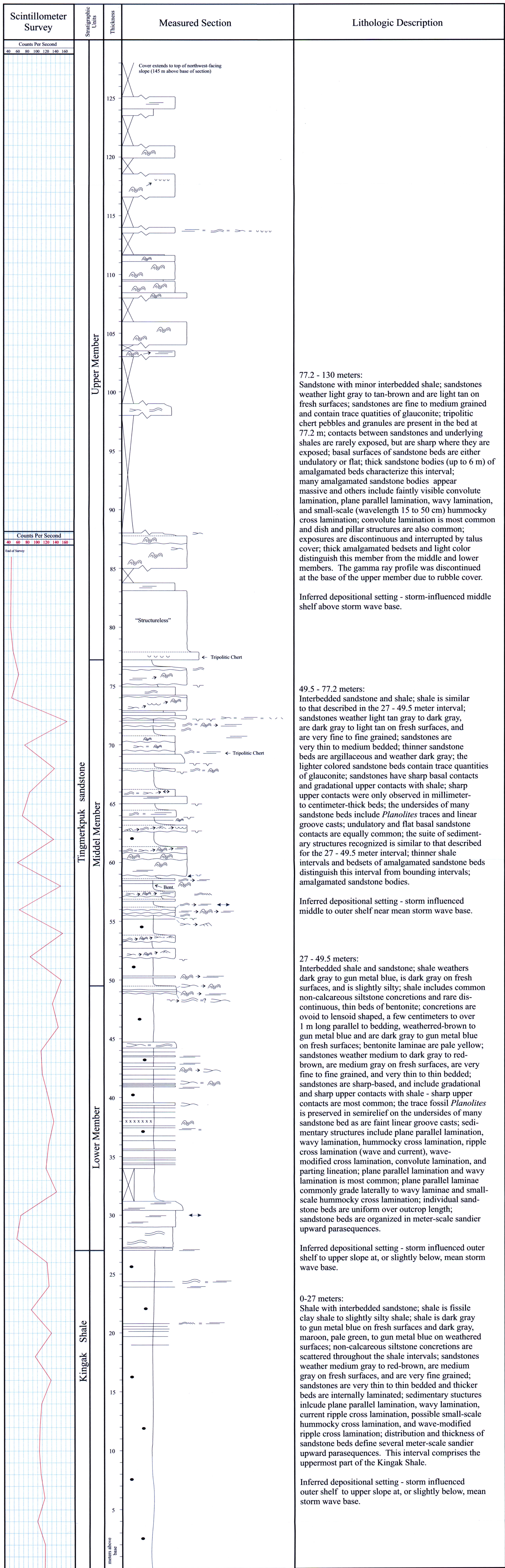


DETAILED MEASURED SECTION OF THE TINGMERKPUK SANDSTONE (NEOCOMIAN), NORTHWESTERN DE LONG MOUNTAINS, WESTERN ARCTIC SLOPE, ALASKA

by

David L. LePain, Karen E. Adams, and Charles G. Mull



Scintillometer set at 1 count per second with a scale multiplier of 200.

Section measured by D. LePain and K. Adams in July 1998. Section drafted by D. LePain

LEGEND

	Sharp wavy contact		Current ripple bedform		Trace fossils in semi relief at base of bed		Parting lineation
	Sharp flat contact		Wave ripple bedform		Groove cast on underside of bed		Vertical succession of sedimentary structures
	Gradational contact		Wavy lamination that grades laterally to wave ripple cross lamination		Gutter cast		Lateral gradation from one sedimentary structure to another
	Horizontal lamination		Hummocky cross lamination		Concretion		Bentonite
	Wavy lamination		Asymmetric convolute lamination		Siderite nodules		Covered interval
	Current ripple cross lamination		Dish structures		Contact not exposed		
	Wave ripple cross lamination						

Section was measured on the northwest side of Tingmerkpuk Mountain in the De Long Mountains C-1 Quadrangle at 68°34.1' north latitude and 162°28.2' west longitude.