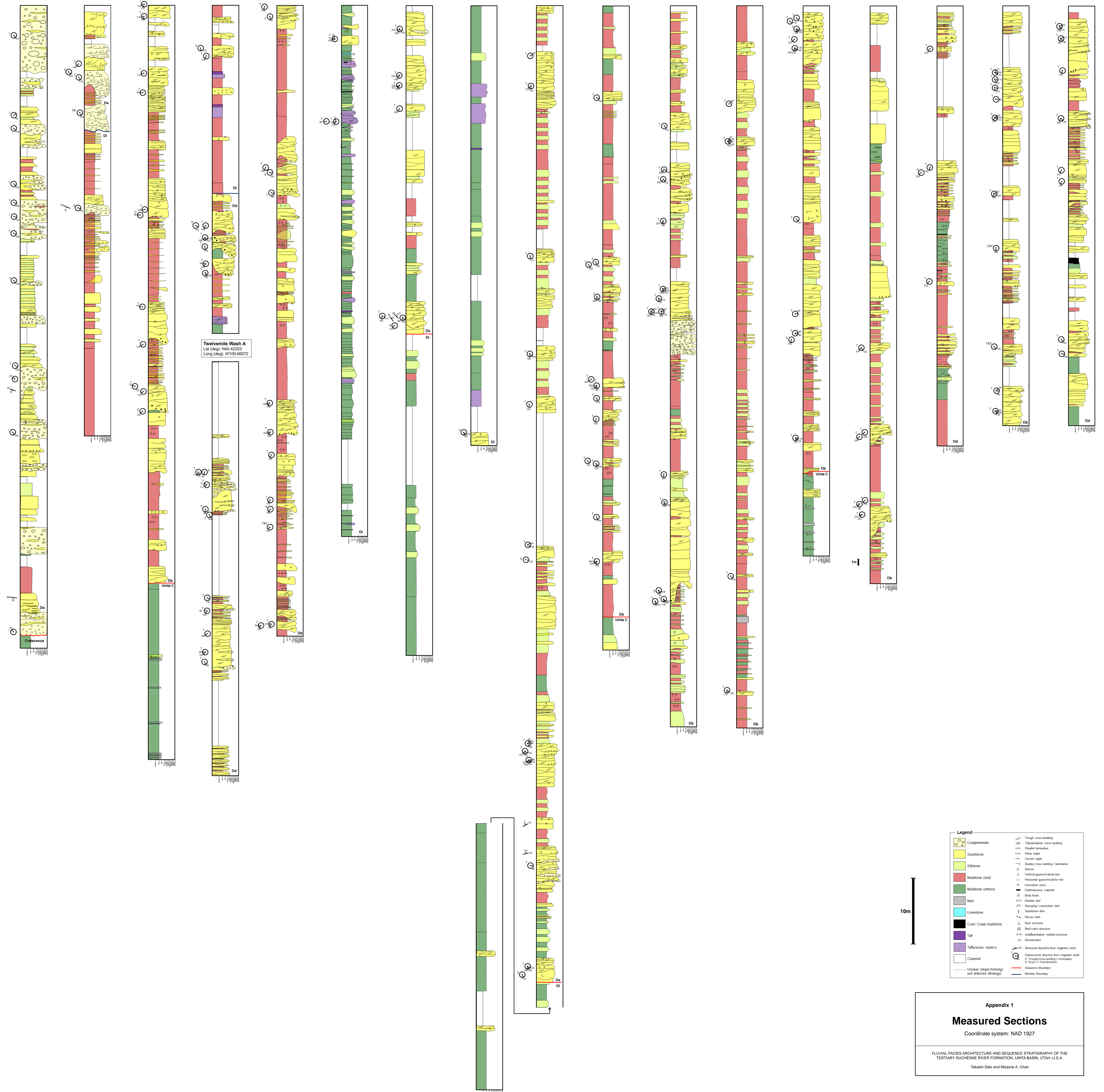


MS01 Asphalt Ridge Lat (deg): N40.44293 Long (deg): W109.60533  
 MS02 Little Mtn SE Lat (deg): N40.47567 Long (deg): W109.69837  
 MS03 Randlett N Lat (deg): N40.24093 Long (deg): W109.80736  
 MS04 Twelvemile Wash B Lat (deg): N40.42639 Long (deg): W109.68564  
 MS05 Halfway Hollow Lat (deg): N40.31318 Long (deg): W109.70488  
 MS06 Monarch Ridge N Lat (deg): N40.42935 Long (deg): W110.15082  
 MS07 Cottonwood Wash Lat (deg): N40.44934 Long (deg): W110.20351  
 MS08 Altonah NE Lat (deg): N40.42609 Long (deg): W110.22878  
 MS09 John Starr Flat Lat (deg): N40.47472 Long (deg): W110.11845  
 MS10 Ouray National Wildlife Lat (deg): N40.17260 Long (deg): W109.60977  
 MS11 Horseshoe Bend Lat (deg): N40.28890 Long (deg): W109.54401  
 MS12 Bonanza Power N Lat (deg): N40.11446 Long (deg): W109.29409  
 MS13 Upalco East Lat (deg): N40.27922 Long (deg): W110.15182  
 MS14 Red Wash Lat (deg): N40.20829 Long (deg): W109.28806  
 MS15 Roosevelt NE Lat (deg): N40.33426 Long (deg): W109.95377  
 MS16 Roosevelt SE Lat (deg): N40.27232 Long (deg): W109.90666  
 MS17 Talmage NE Lat (deg): N40.36043 Long (deg): W110.39551



Twelvemile Wash A  
 Lat (deg): N40.42253  
 Long (deg): W109.66572

Legend	
	Conglomerate
	Sandstone
	Siltstone
	Mudstone (red)
	Mudstone (others)
	Coal / Coaly mudstone
	Tuff
	Tuffaceous clastics
	Covered
	Unclear (slope-forming) unit (inferred lithology)
	Trough cross bedding
	Tabular planar cross bedding
	Parallel lamination
	Wave ripple
	Current ripple
	Slaty cross bedding / lamination
	Barrel
	Vertical gypsum/calcite vein
	Horizontal gypsum/calcite vein
	Concretion (iron)
	Carbonaceous material
	Body fossil
	Ridgular bed
	Sloughing / concretion bed
	Sandstone dike
	Rip-up clast
	Root structure
	Mid crack structure
	Undifferentiated / nested structure
	Slickensides
	Structural dip/slope from magnetic north
	Paleocurrent direction from magnetic north (↑ Trough cross bedding / lamination, ↓ Slope / Current ripple)
	Sequence Boundary
	Member Boundary

10m

Appendix 1  
**Measured Sections**  
 Coordinate system: NAD 1927  
 FLUVIAL FACIES ARCHITECTURE AND SEQUENCE STRATIGRAPHY OF THE  
 TERTIARY DUCHESNE RIVER FORMATION, UINTA BASIN, UTAH, U.S.A.  
 Takashi Sato and Marjorie A. Chan