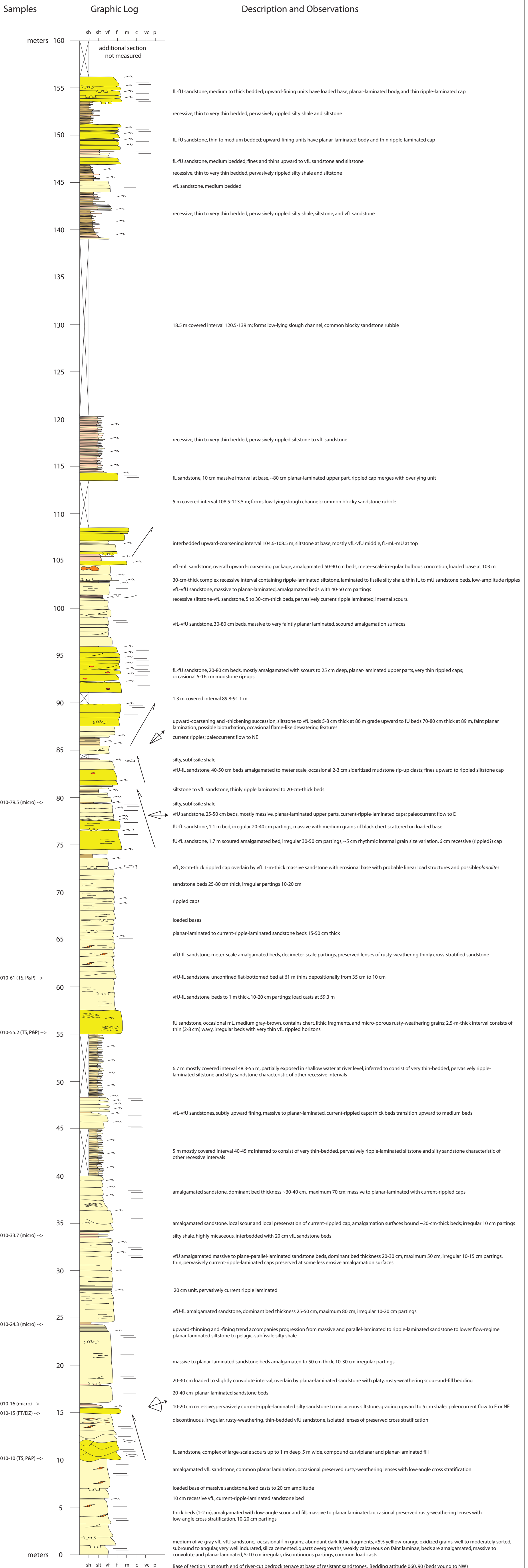


Sheet 1. Partial measured section of the Gilead sandstone, Ivishak River, North Slope Foothills, Alaska

measured June 2007 by P.L. Decker, M.A. Wartes, and J. Mongrain

Station 07PD010

Base of section at 69.09871 deg N, 148.00833 deg W, North American Datum 1927



| Legend | |
|--------|--|
| | current-ripple lamination |
| | planar-parallel lamination |
| | curvilinear parallel lamination |
| | wavy-irregular lamination |
| | flame structure/convolute lamination |
| | preserved lenses, low-angle cross stratification |
| | irregular partings, mostly 10-50 cm spacing |
| | scoured amalgamation surface, low-angle truncation |
| | load casts, base of massive sandstone bed |
| | groove mark(s) |
| | planolites burrow(s) |
| | sideritized rip-up clast(s) |
| | irregular bulbous concretion, meter-scale |
| | paleocurrent direction (from current ripples) |