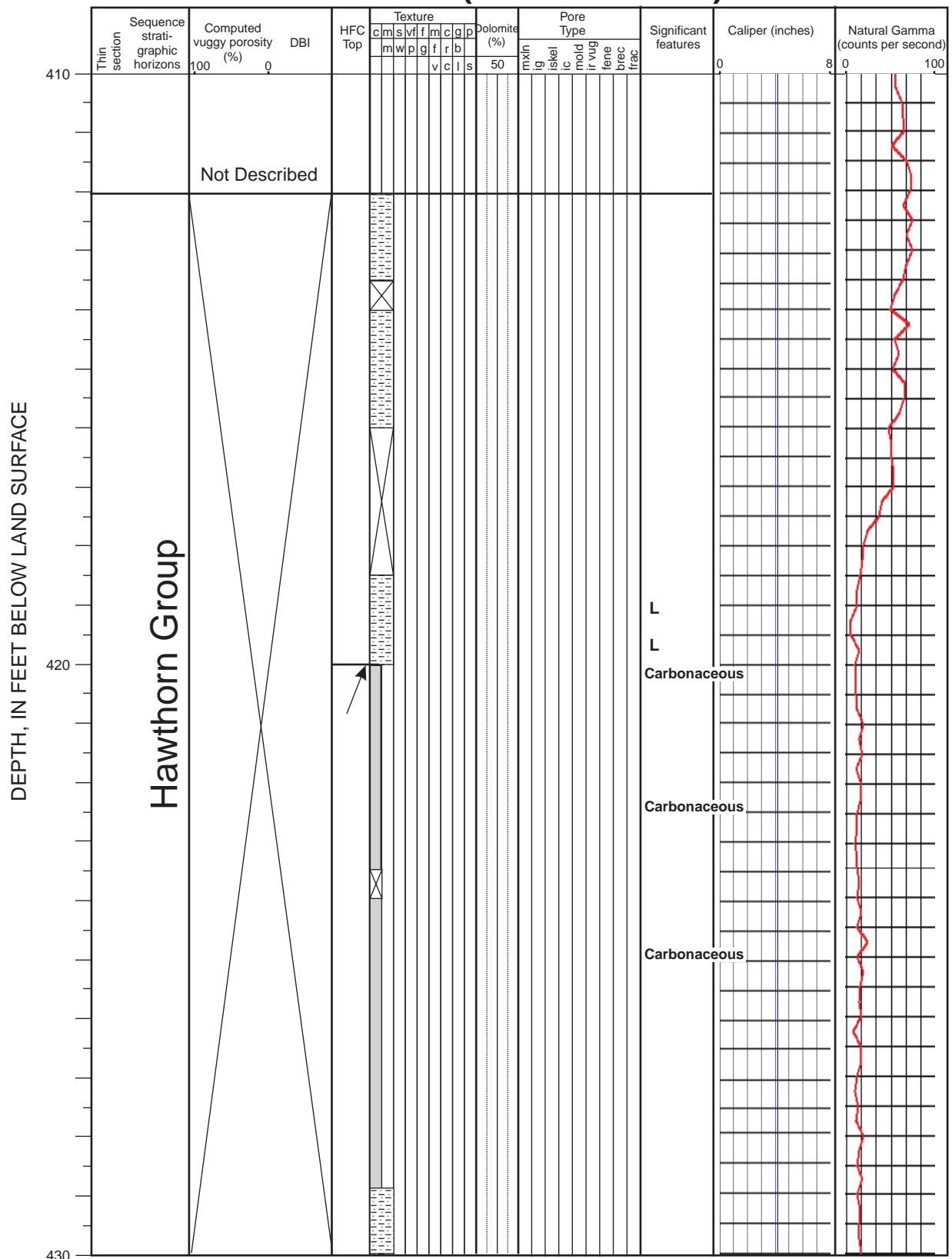

APPENDIX I

Detailed lithologic logs (410–1,244 feet)

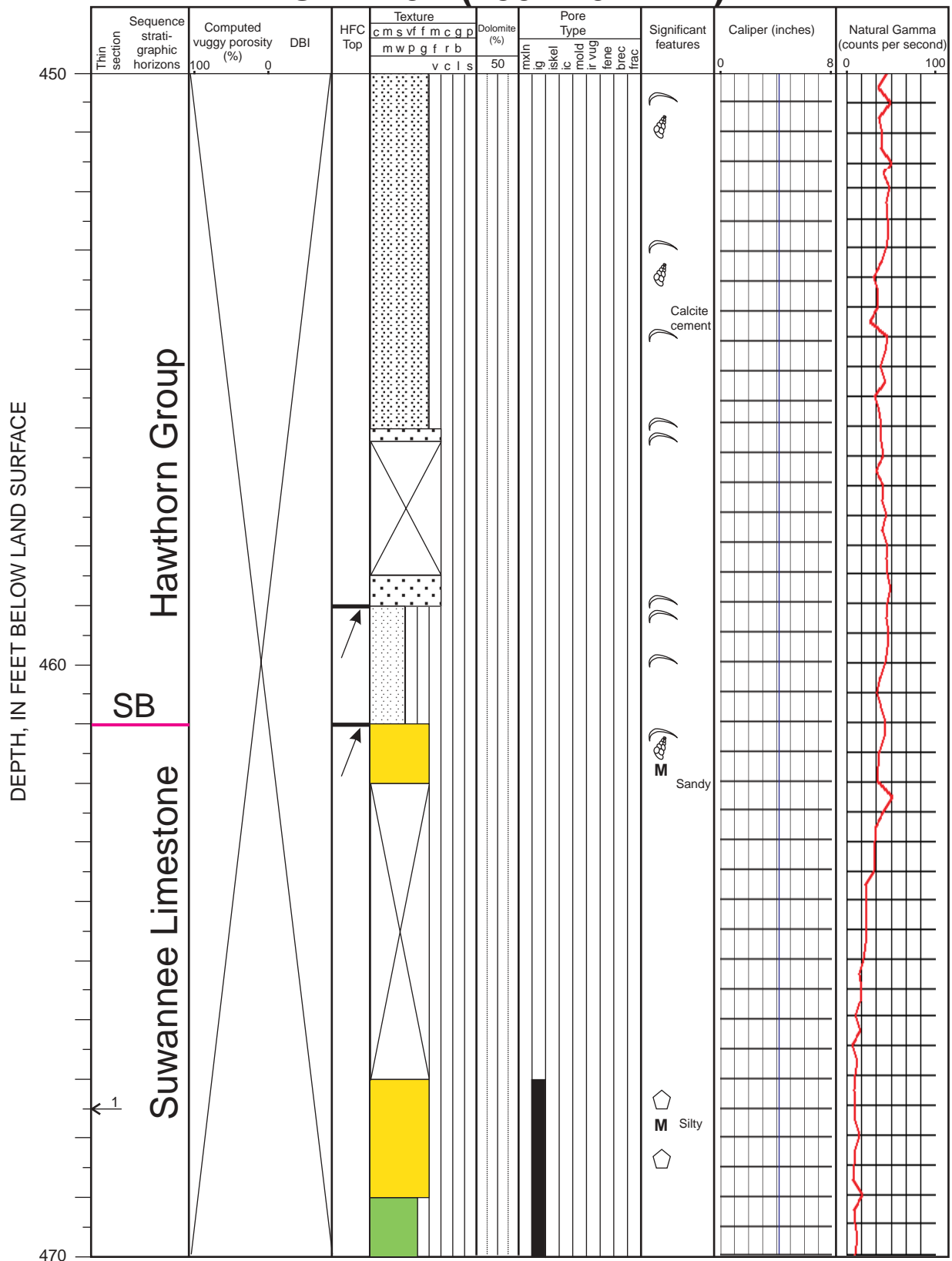
EXPLANATION

		Texture					Abbreviations	Significant features	
		c	m	s	vf	f			
		m w p g f r b							
		v	c	l	s				
Carbonate Rocks	Carbonate mudstone						<p>TEXTURE</p> <p>Grain sizes</p> <p>c clay m mud s silt vf very fine f fine m medium c coarse g granule p pebble</p> <p>Depositional textures</p> <p>m mudstone w wackestone p packstone g grainstone f floatstone r rudstone b boundstone</p> <p>Carbonate features</p> <p>v vug precipitate c caliche l tidal laminite s stromatolite</p> <p>PORE TYPE</p> <p>mxln microcrystalline ig intergranular iskel intraskeletal ic intercrystal mold moldic ir vug irregular vug fene fenestral brec breccia frac fracture</p> <p>GENERAL</p> <p>CS composite sequence DBI digital borehole image GDP grain-dominated packstone HFC high-frequency cycle HFS high-frequency sequence MDP mud-dominated packstone MFS maximum flooding surface SB sequence boundary</p>		Benthic foraminifers
	Wackestone							M	miliolid
	Planktic-foram wackestone							F	<i>Fabularia</i>
	Skeletal wackestone							D	<i>Dictyoconus</i>
	Benthic-foram wackestone							LD	large <i>Dictyoconus</i>
	Packstone							N	nummulitid
	Mud-dominated							L	<i>Lepidocyclus</i>
	Planktic-foram MDP								
	Skeletal MDP								
	Benthic-foram MDP								
	Packstone								Planktic foraminifers
	Grain-dominated								Bivalve
	Planktic-foram GDP								Gastropod
	Skeletal GDP								Ostracode
	Benthic-foram GDP								Coral
	Grainstone								Large echinoid
	Fine (< 0.5mm)								Small echinoid
	Fine skeletal grainstone								Echinoid fragments
	Fine benthic-foram grainstone								Pellet
	Grainstone								Intraclast
	Coarse (> 0.5mm)								Collapse breccia
	Coarse skeletal grainstone								Burrows
	Coarse benthic-foram grainstone								Laminae
Floatstone							Cross beds		
Skeletal floatstone							Desiccation cracks		
Benthic-foram floatstone							Detrital dolomite		
Rudstone							Dolomite molds		
Skeletal rudstone							Gypsum-crystal molds		
Benthic-foram rudstone							Upward shallowing cycle		
Stromatolite							Higher frequency unit		
Tidal laminites							Thin-section sample site		
Caliche									
Vug precipitate									
No recovery									
Terrigenous Rocks	Claystone								
	Mudstone								
	Siltstone								
	Very fine to fine sandstone								
	Medium to coarse sandstone								
	Fine conglomerate								
	No recovery								

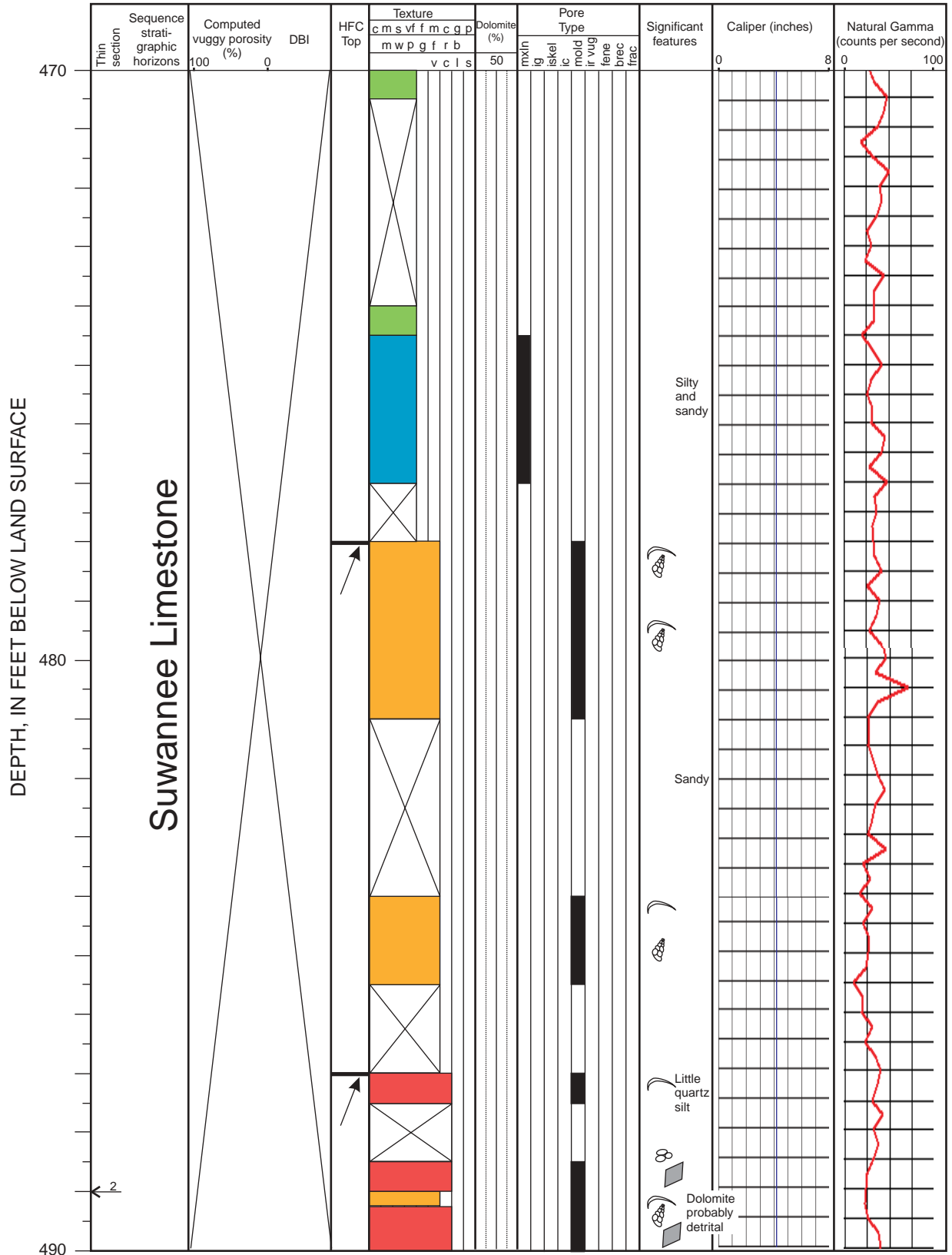
ROMP 29A (410-430 FEET)



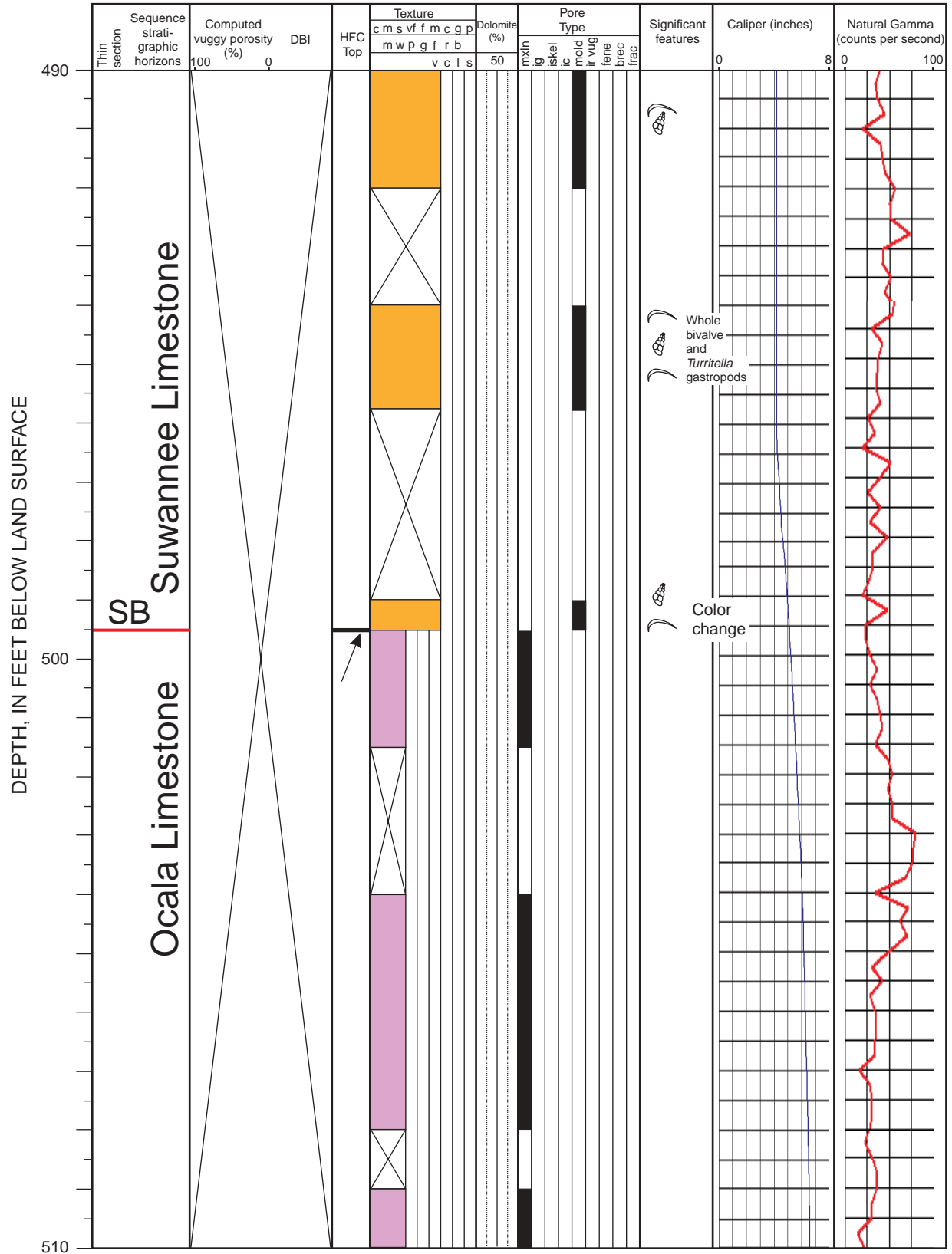
ROMP 29A (450-470 FEET)



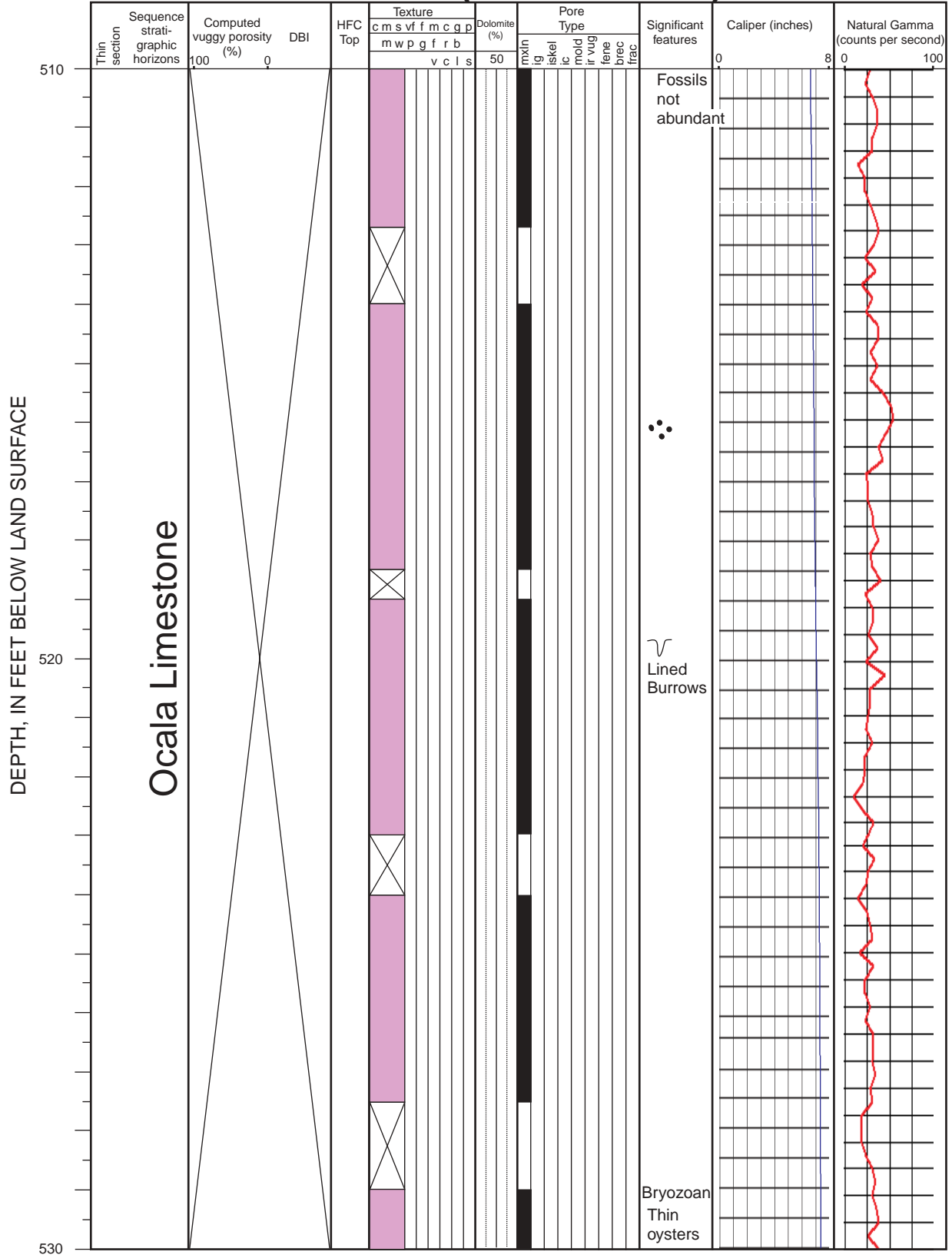
ROMP 29A (470-490 FEET)



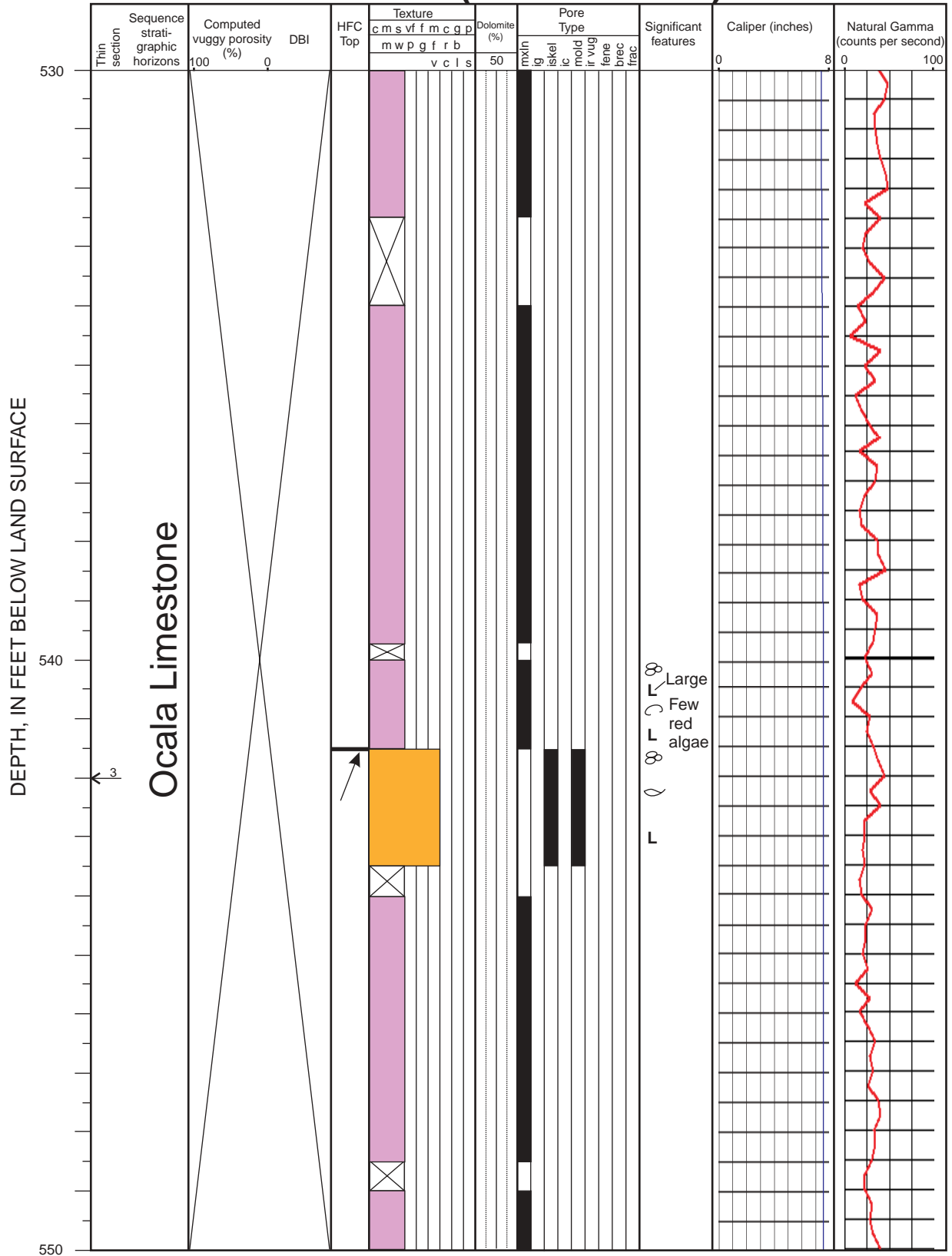
ROMP 29A (490-510 FEET)



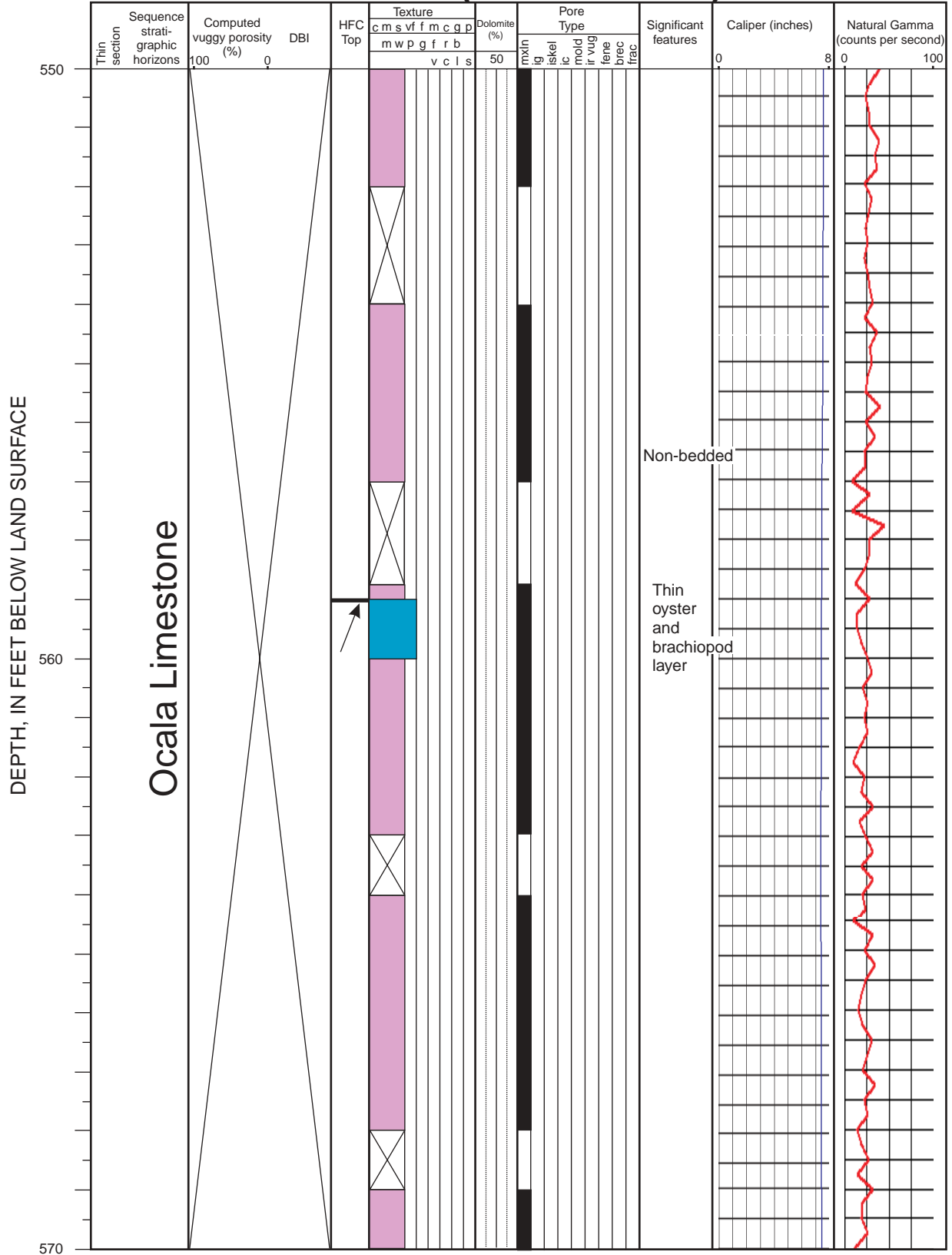
ROMP 29A (510-530 FEET)



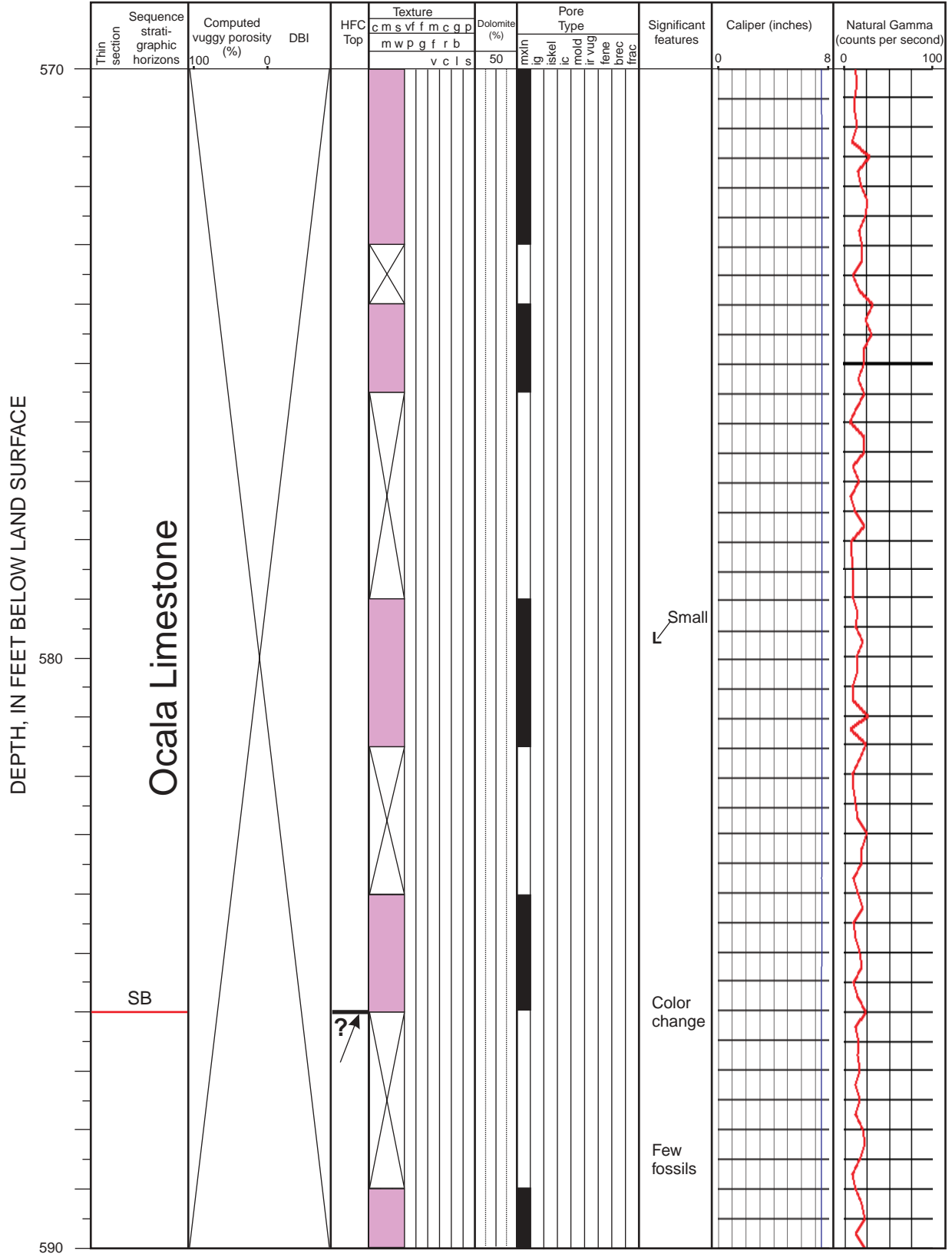
ROMP 29A (530-550 FEET)



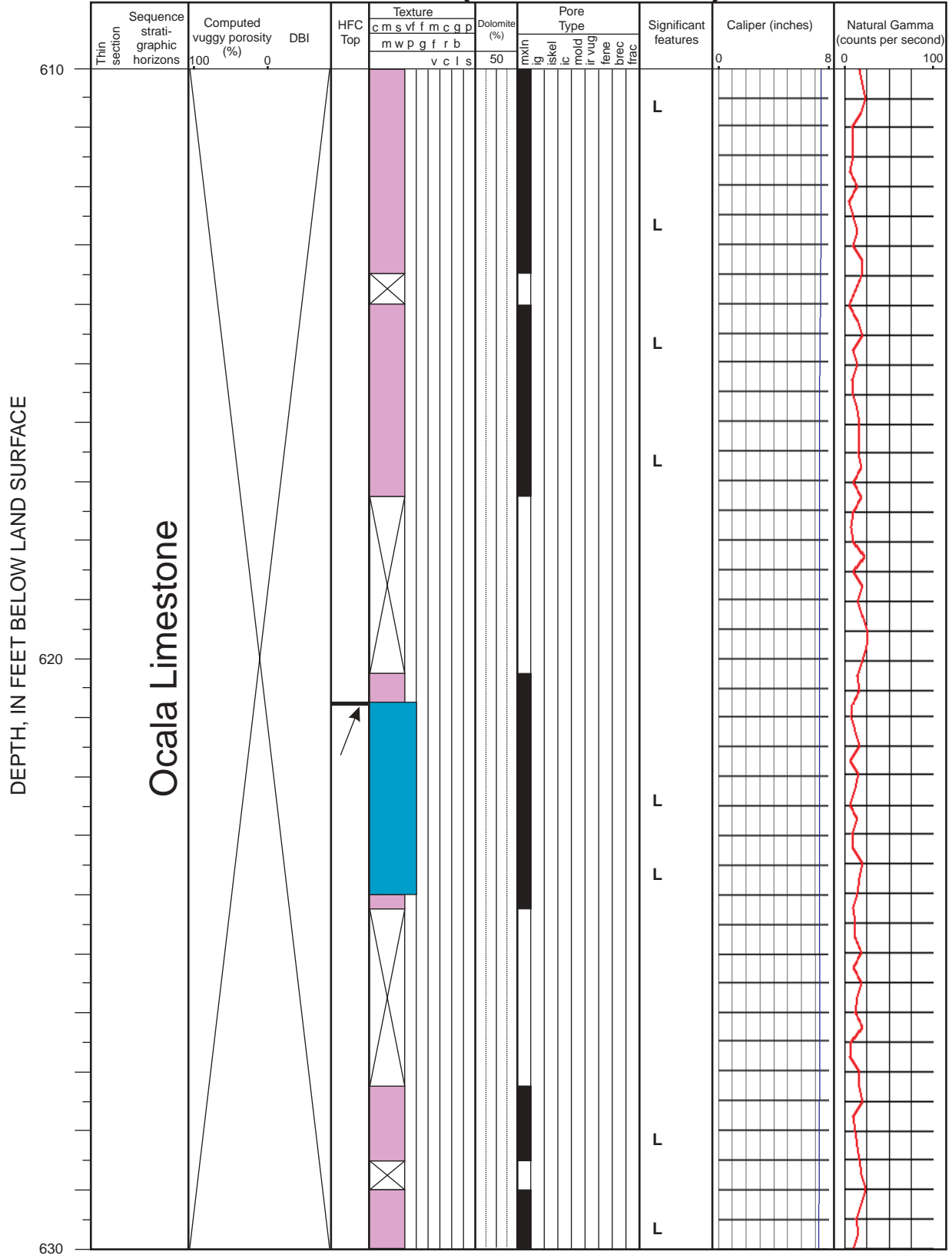
ROMP 29A (550-570 FEET)



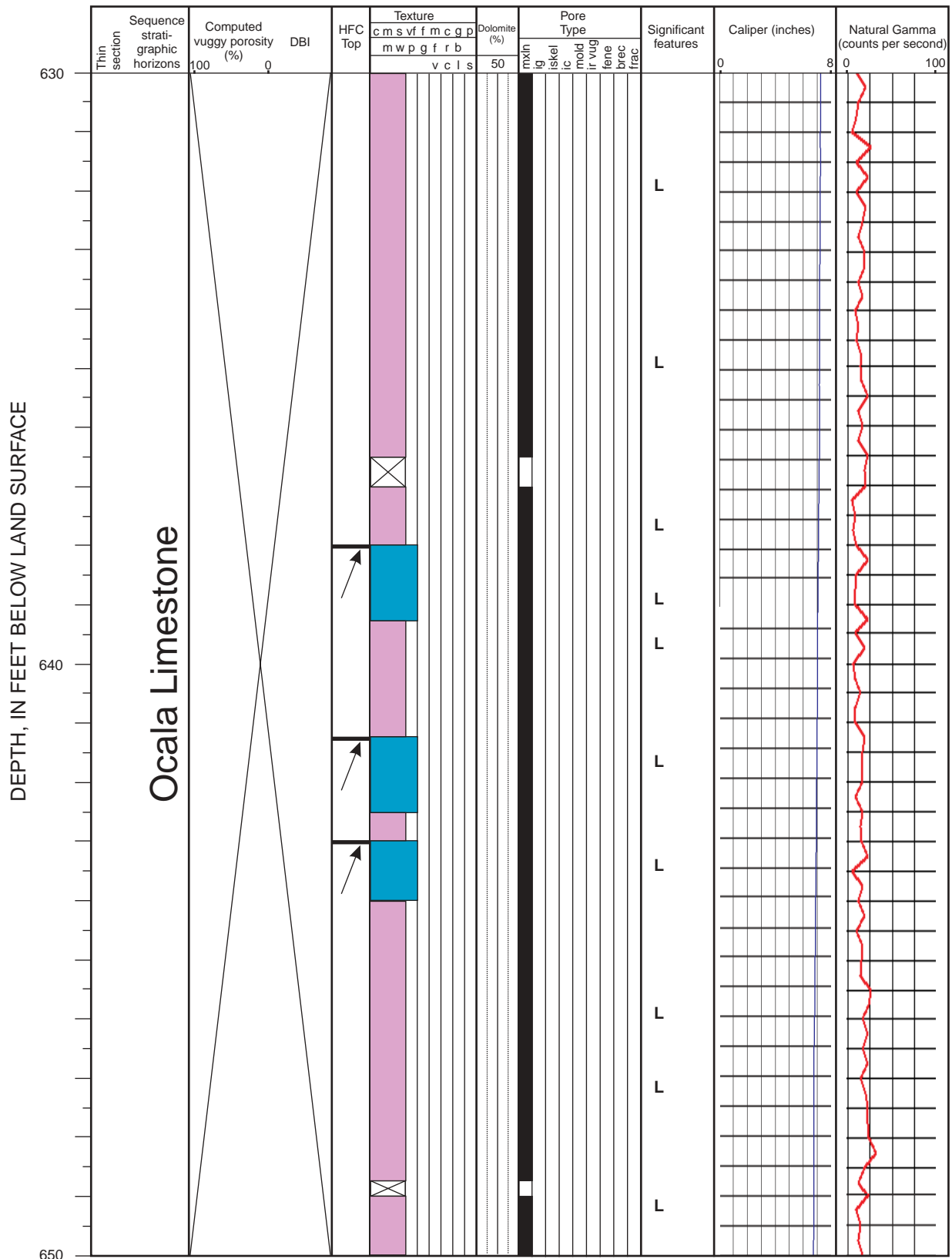
ROMP 29A (570-590 FEET)



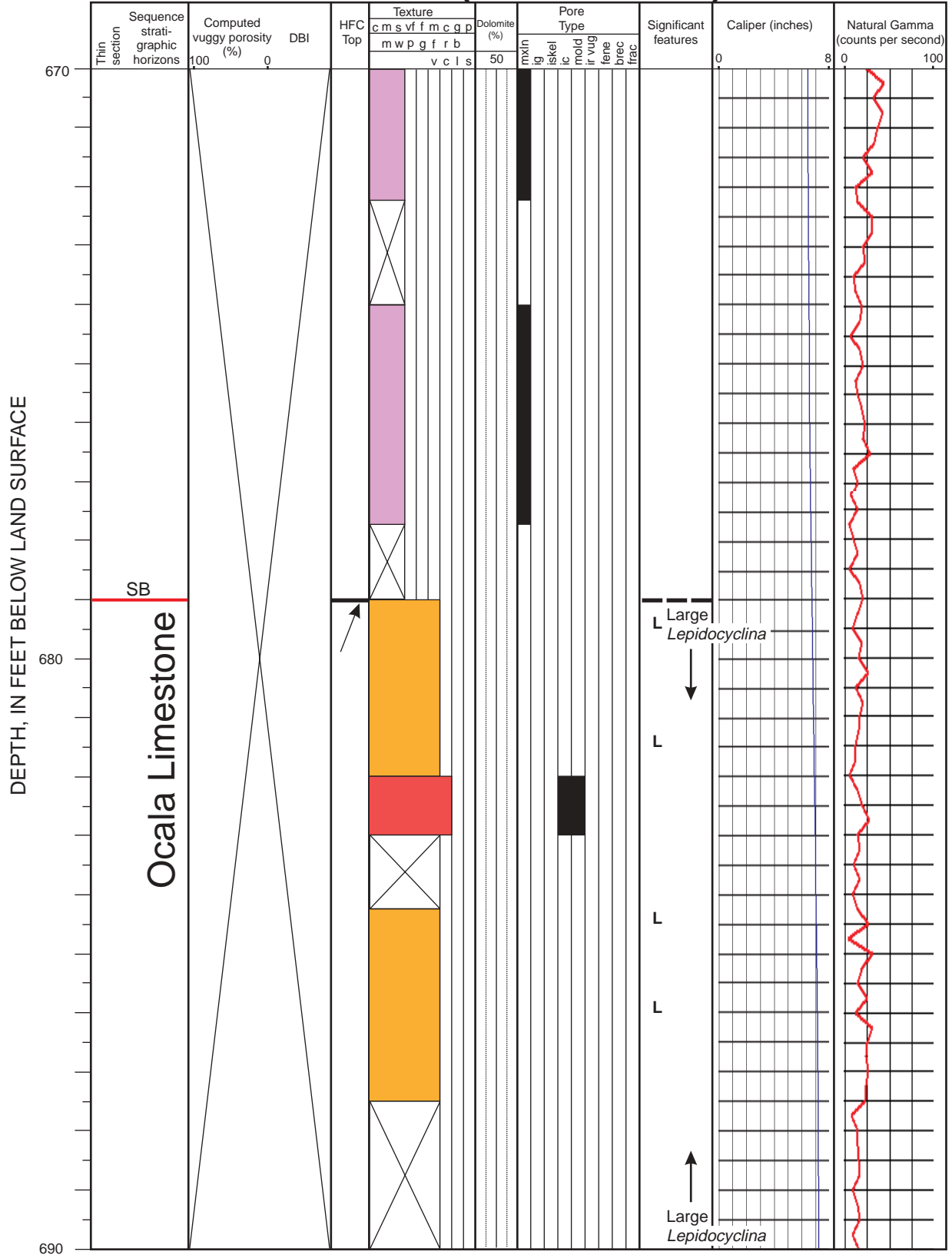
ROMP 29A (610-630 FEET)



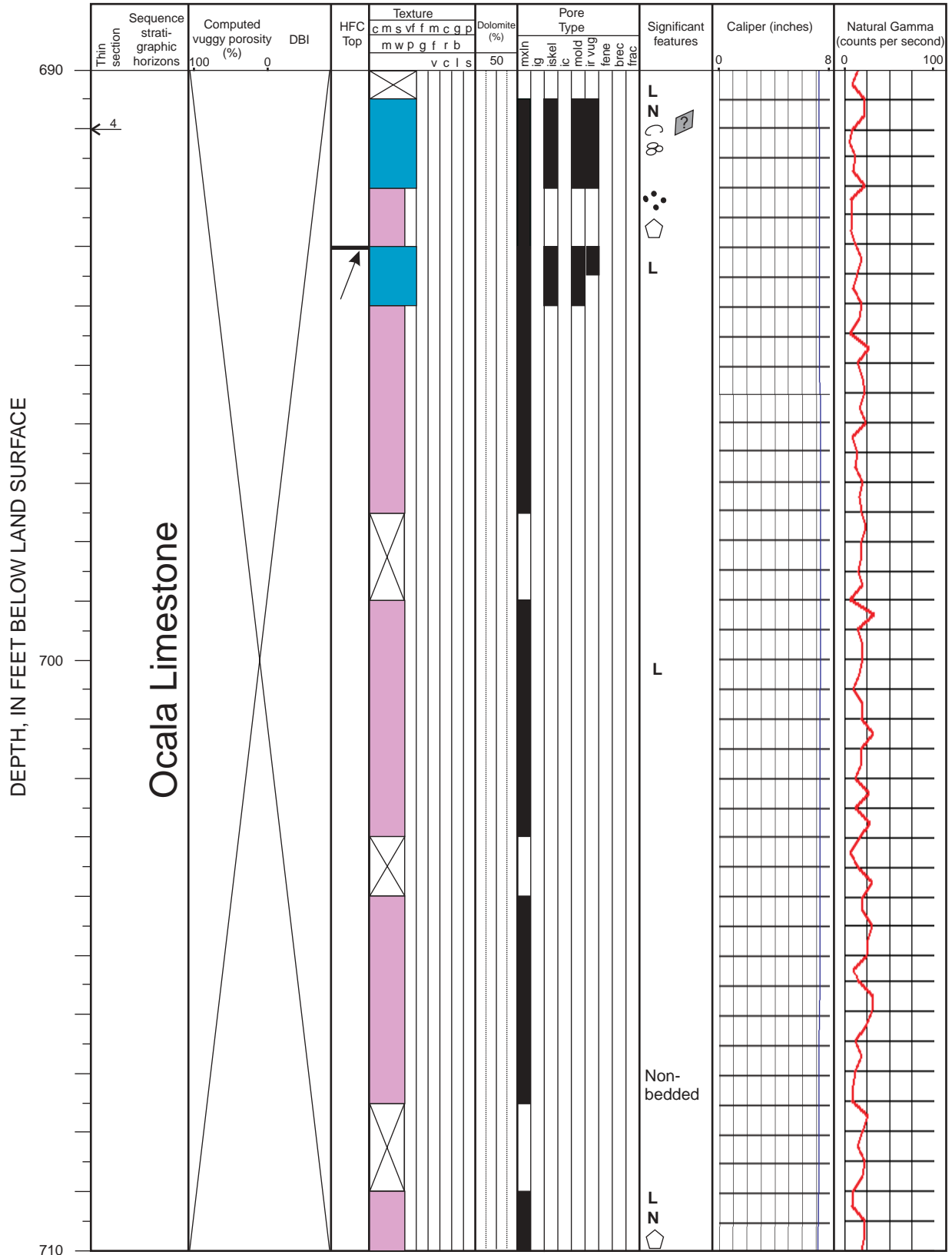
ROMP 29A (630-650 FEET)



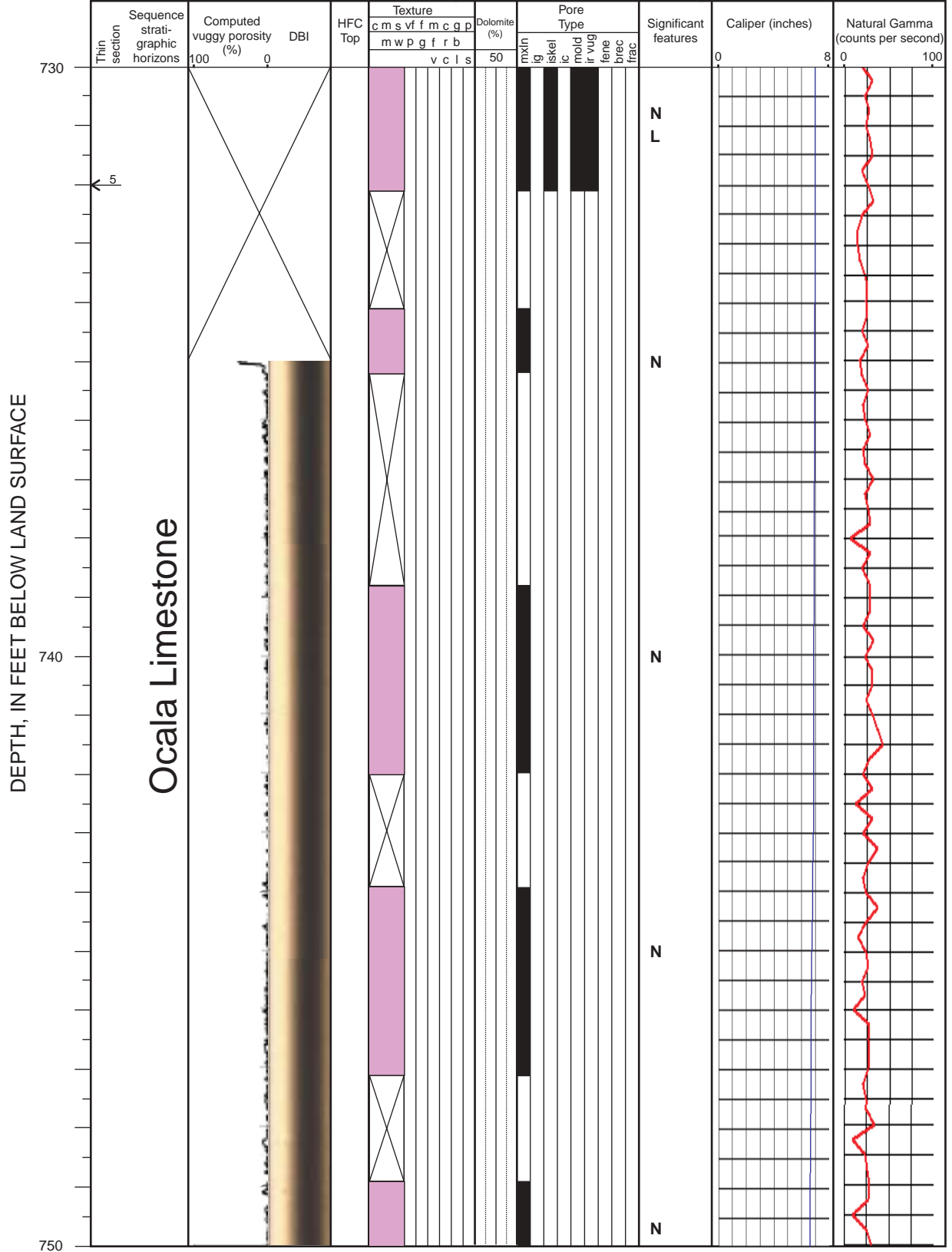
ROMP 29A (670-690 FEET)



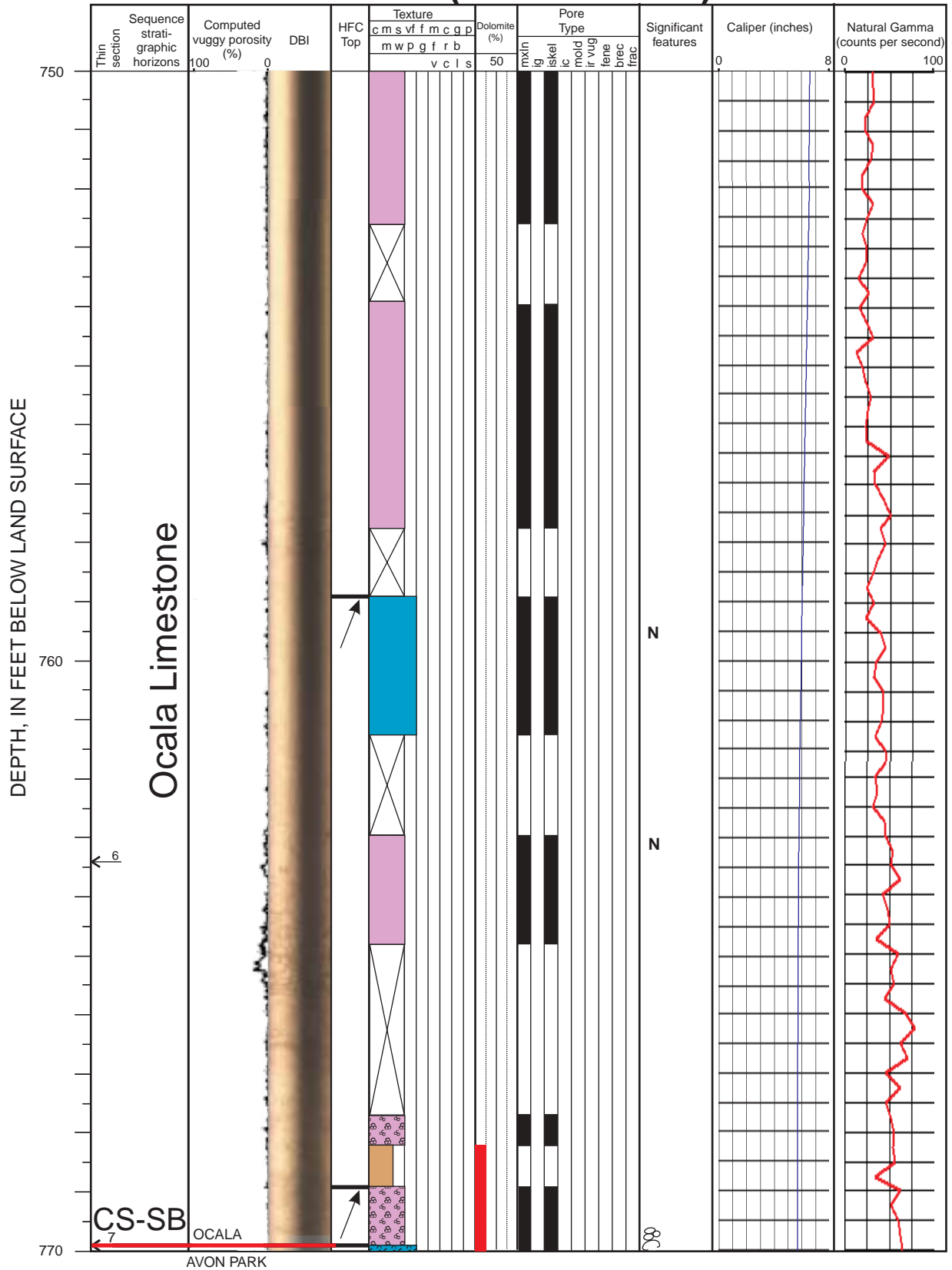
ROMP 29A (690-710 FEET)



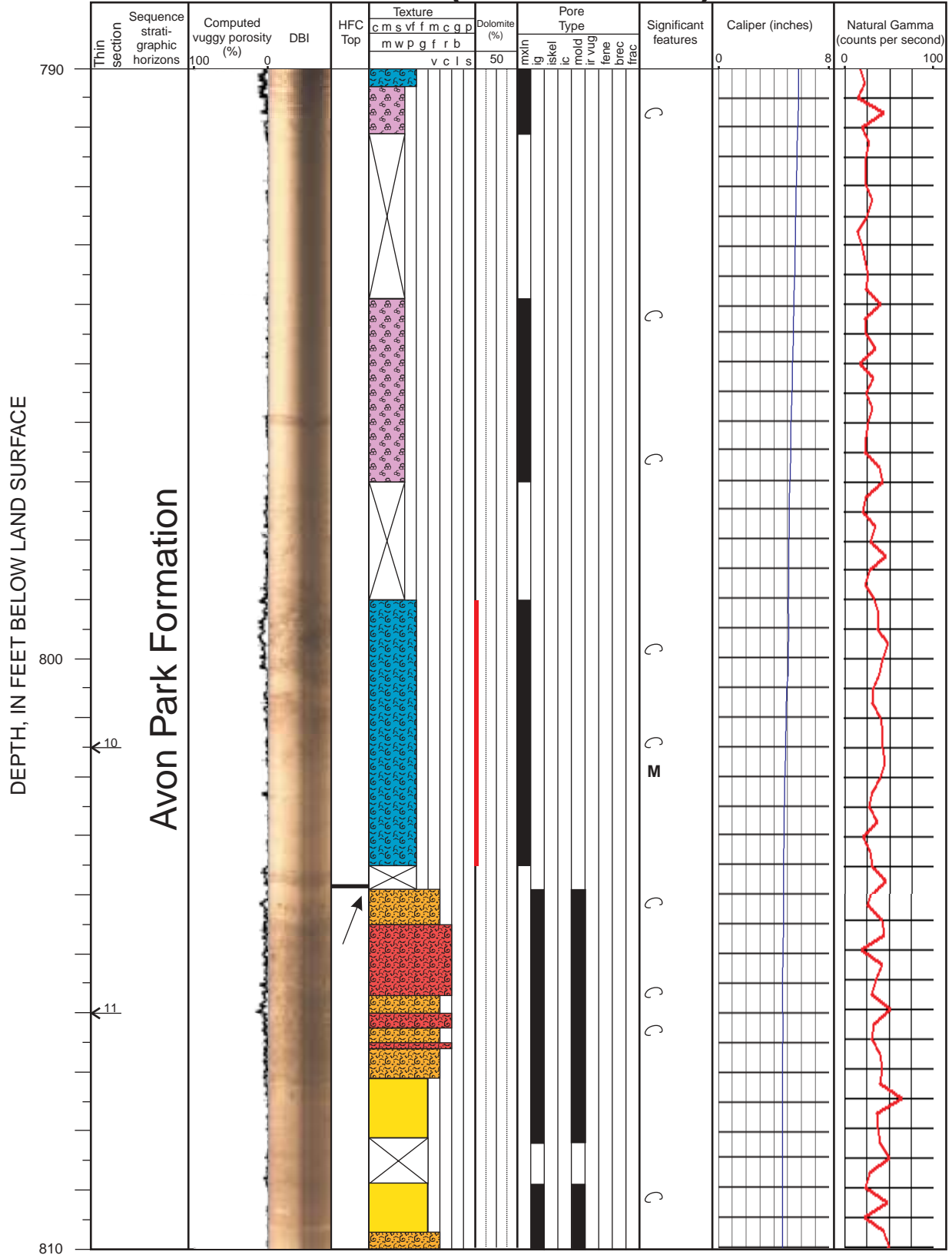
ROMP 29A (730-750 FEET)



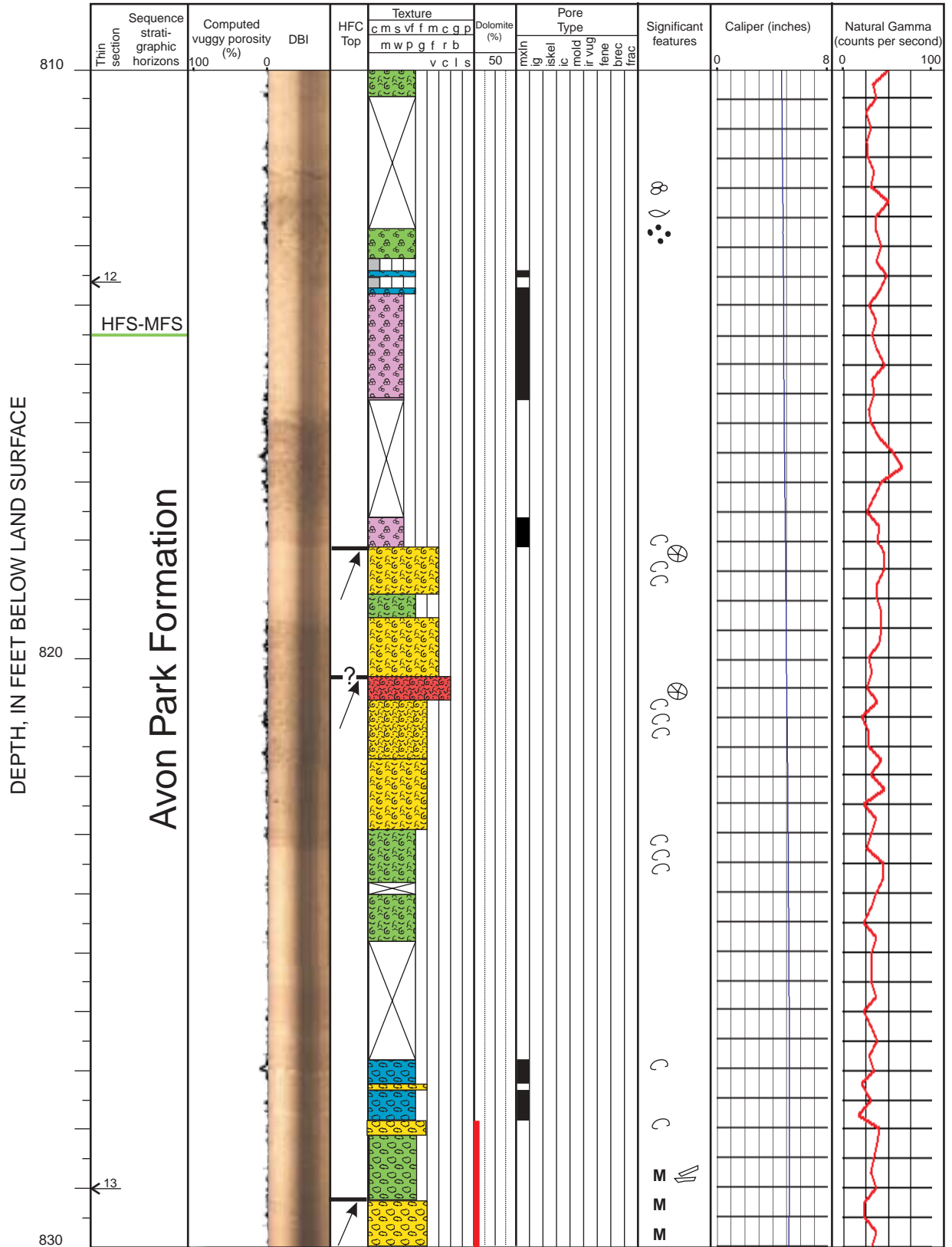
ROMP 29A (750-770 FEET)



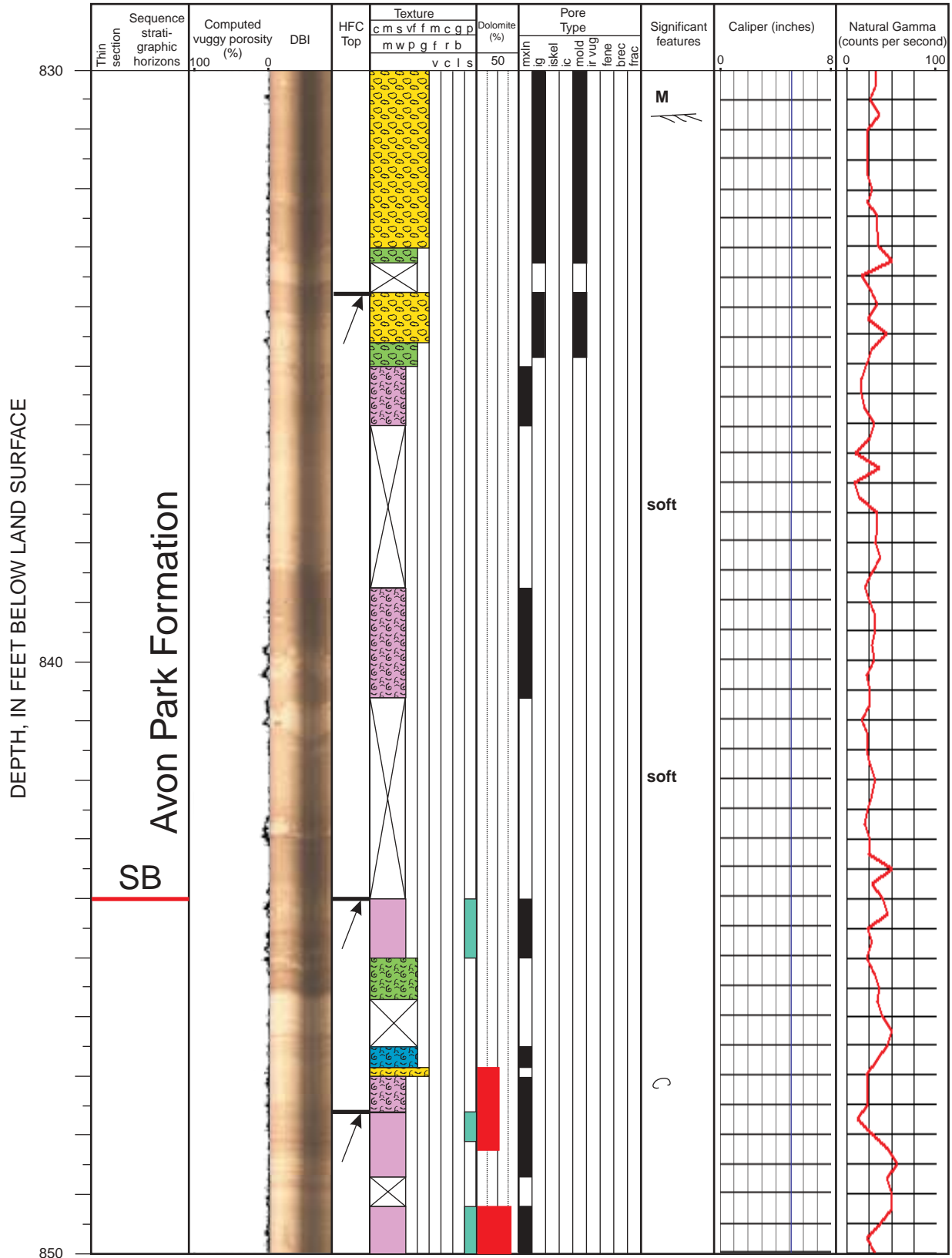
ROMP 29A (790-810 FEET)



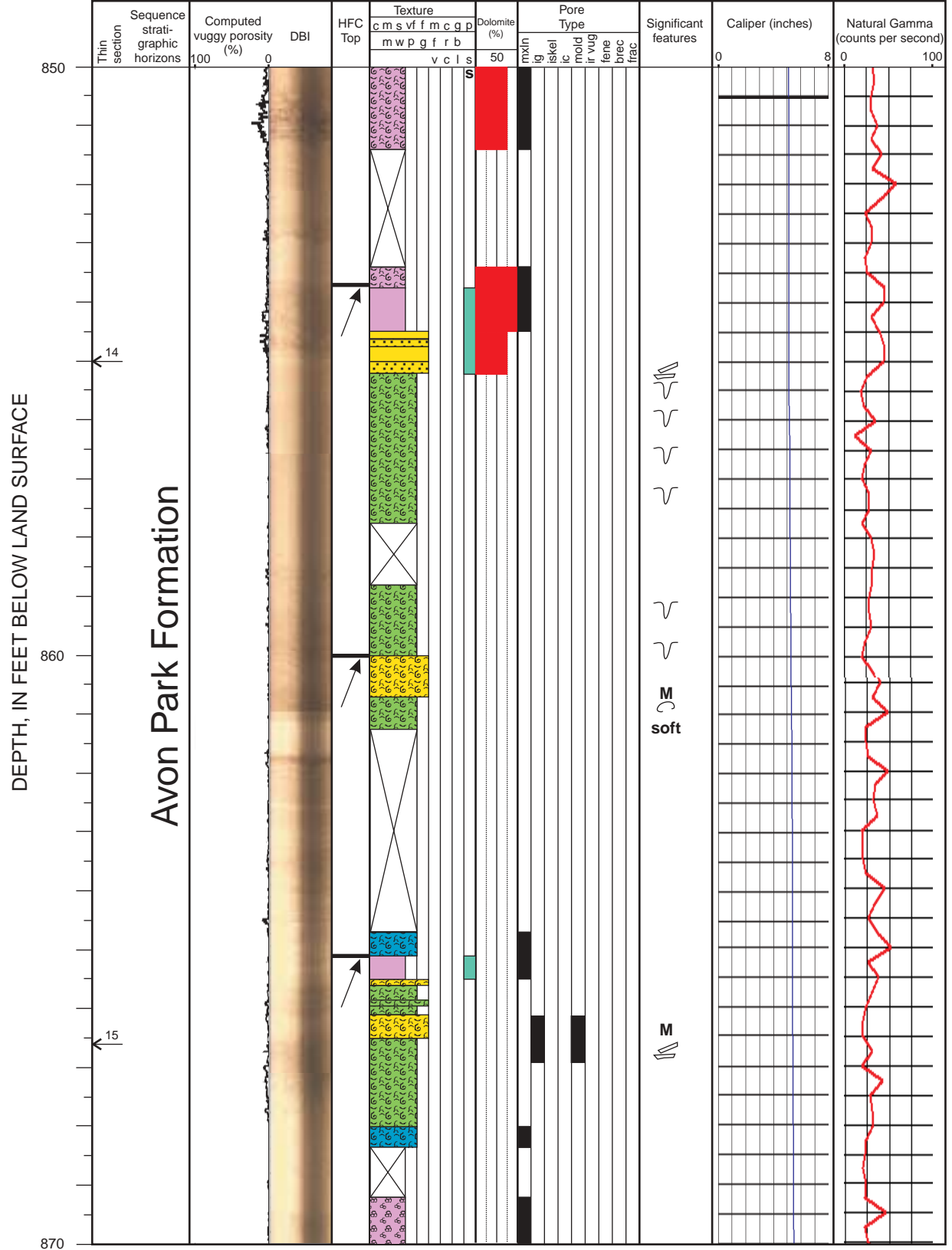
ROMP 29A (810-830 FEET)



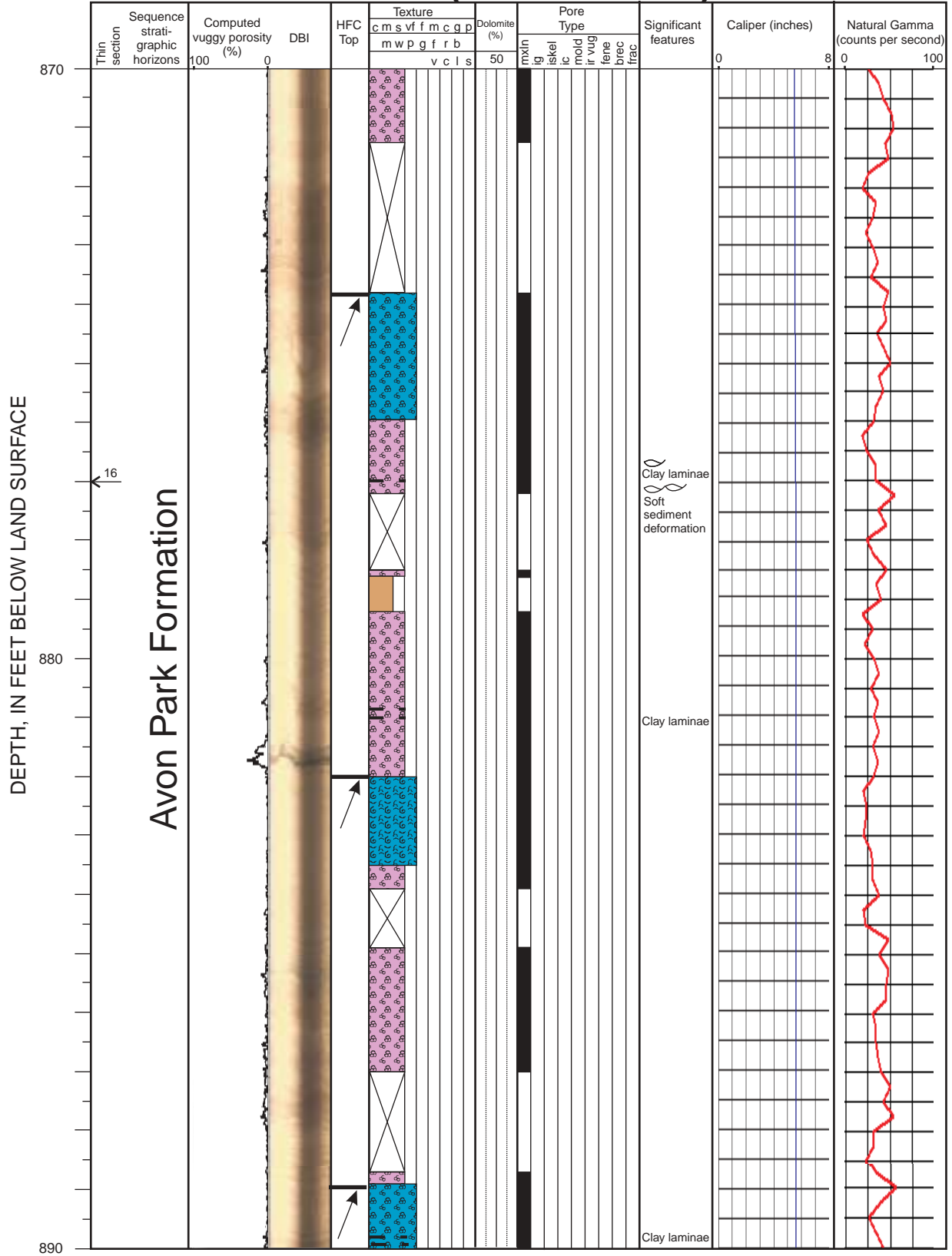
ROMP 29A (830-850 FEET)



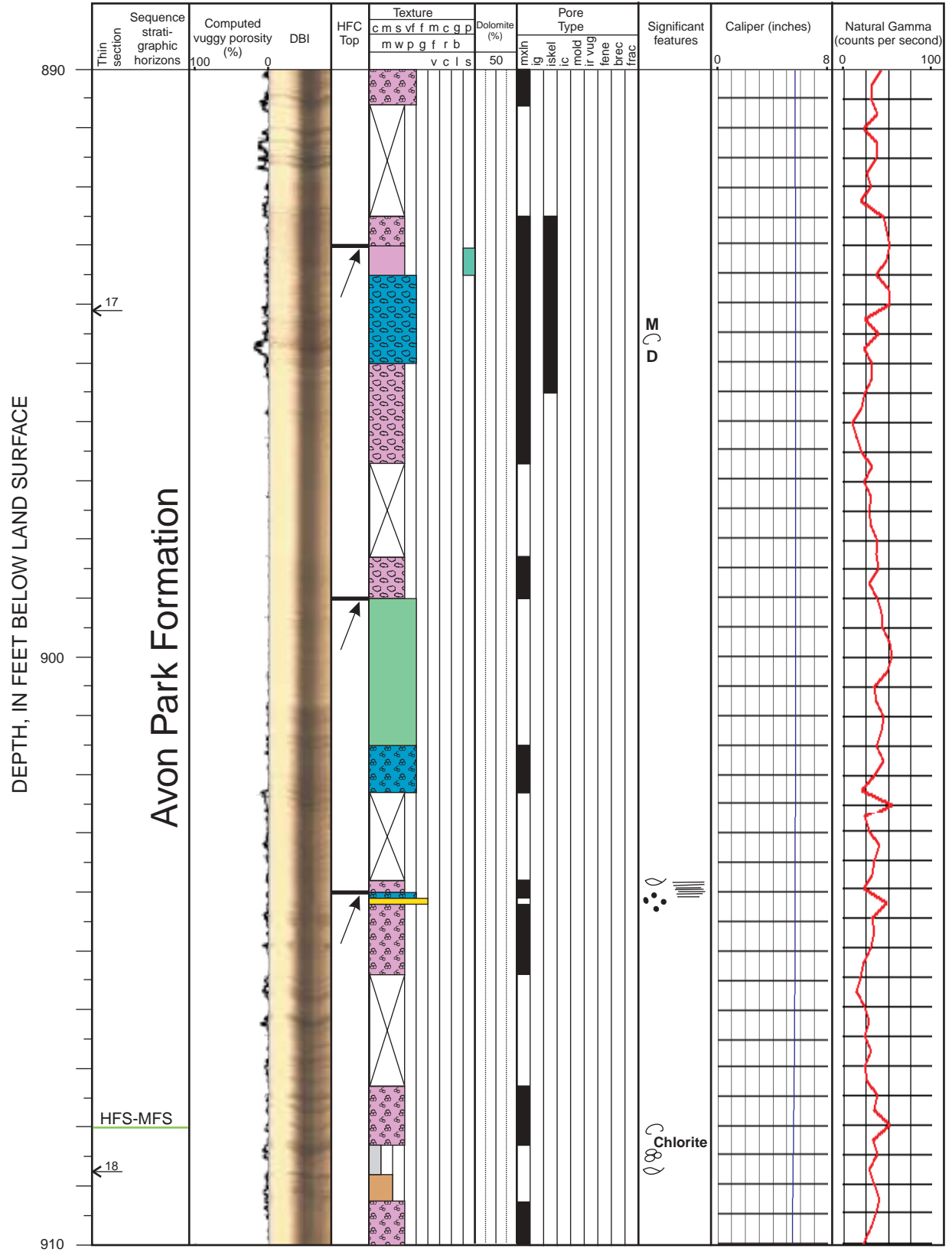
ROMP 29A (850-870 FEET)



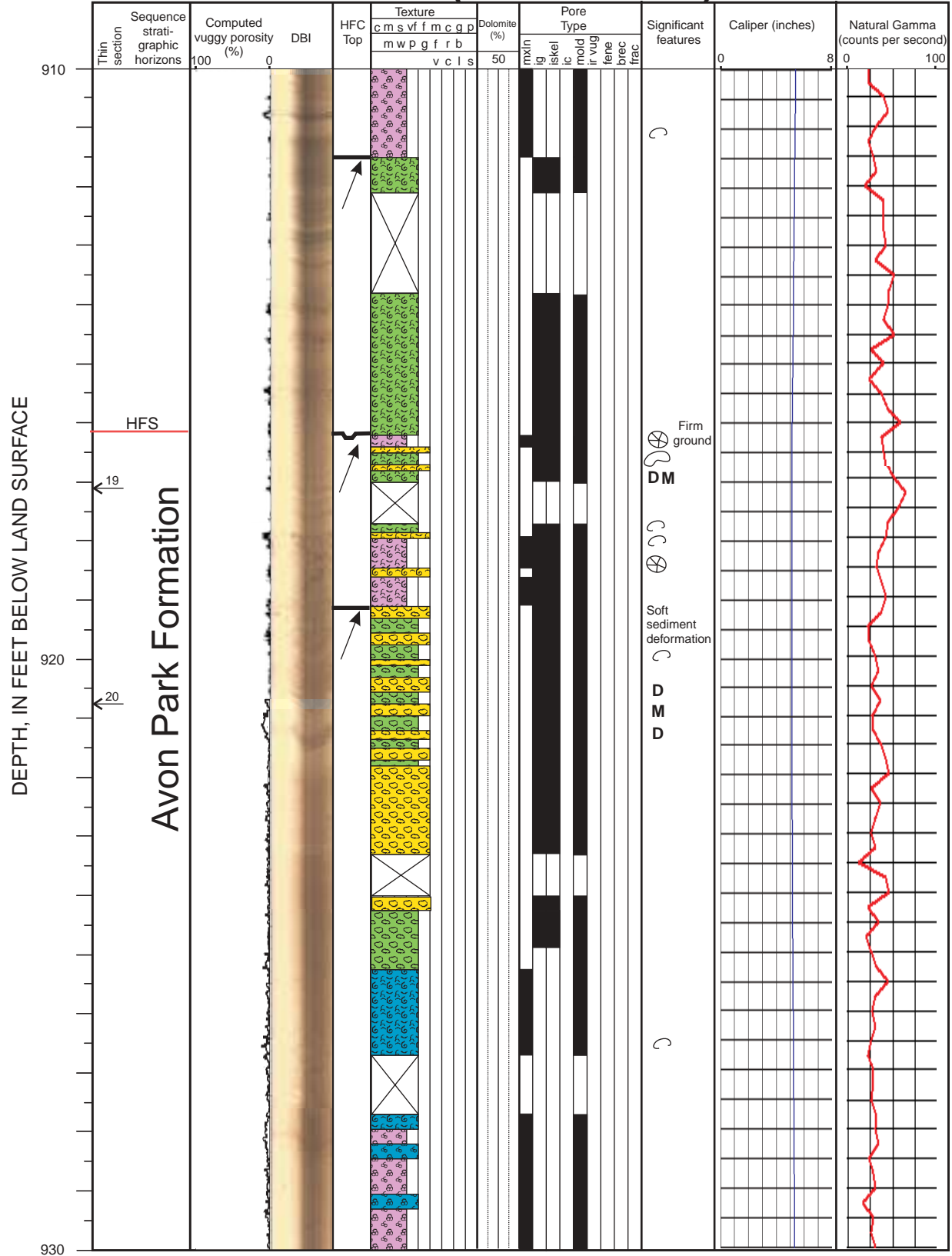
ROMP 29A (870-890 FEET)



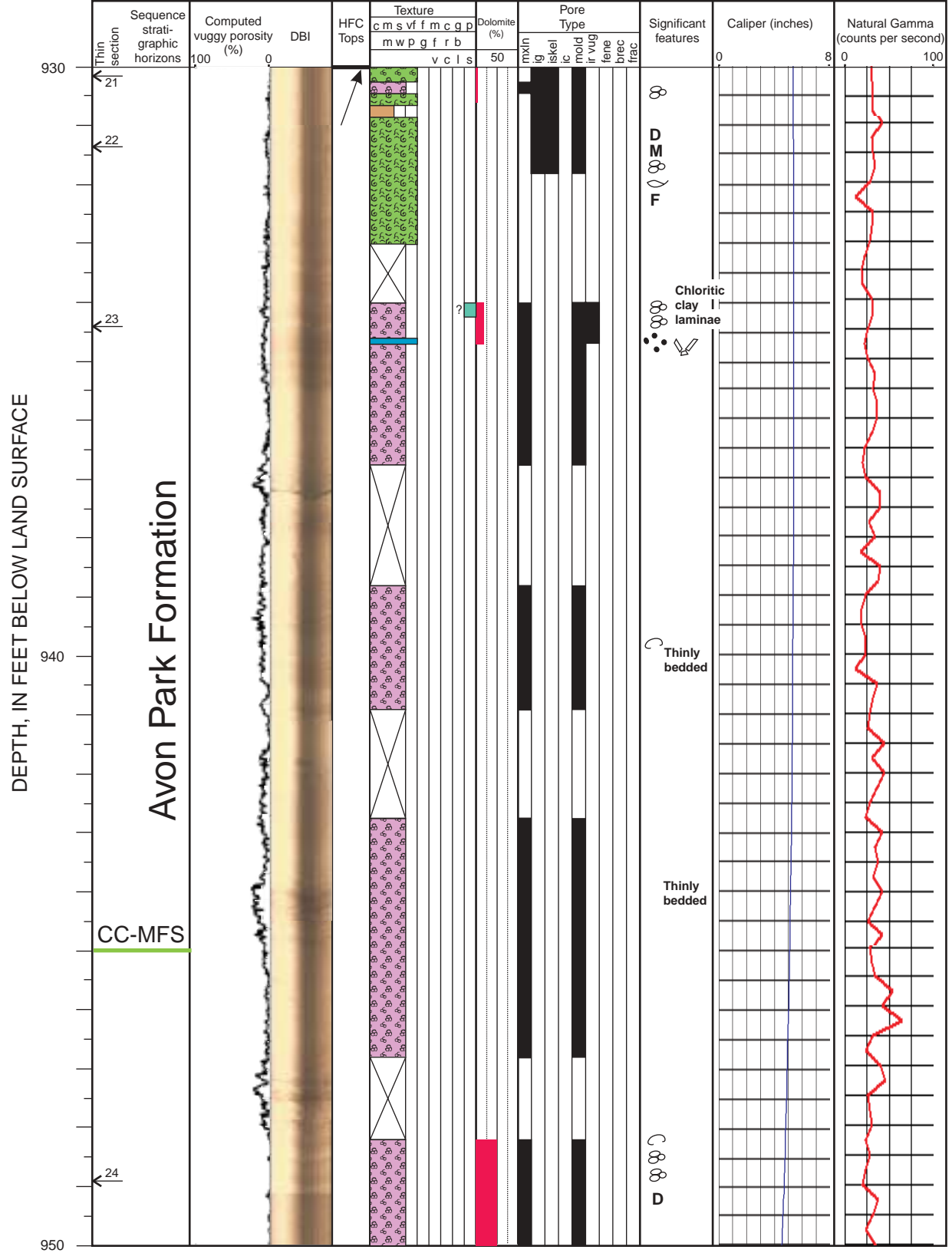
ROMP 29A (890-910 FEET)



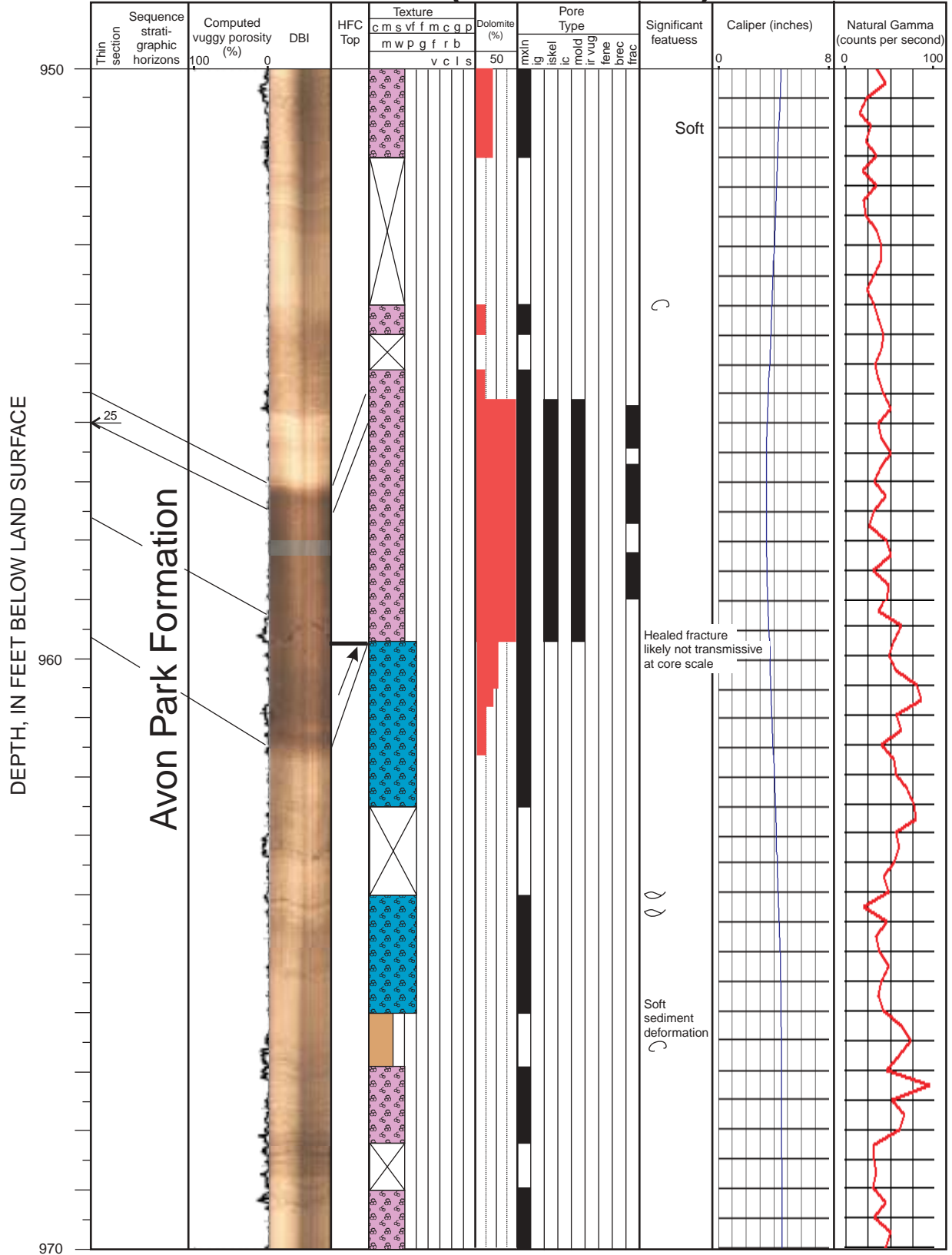
ROMP 29A (910-930 FEET)



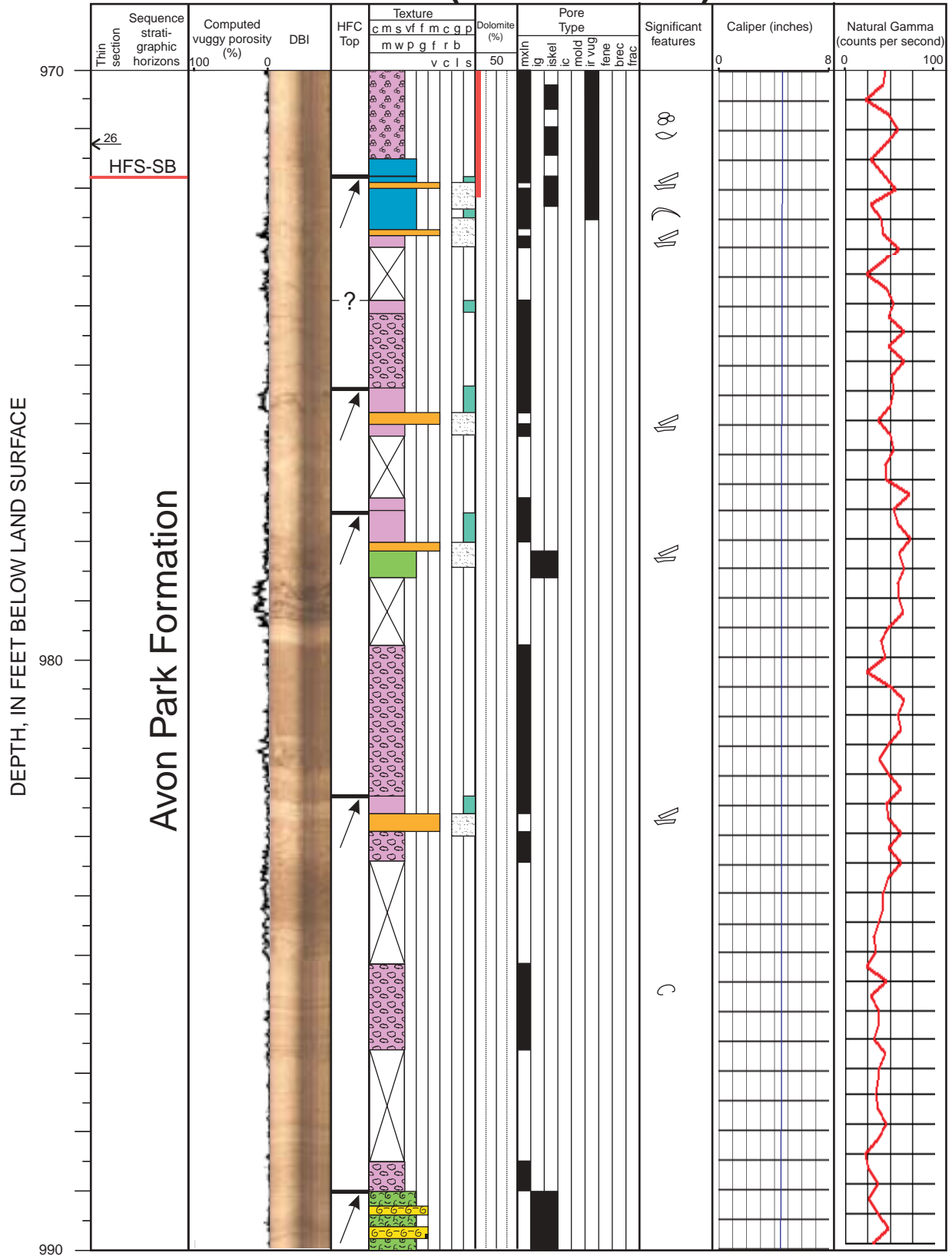
ROMP 29A (930-950 FEET)



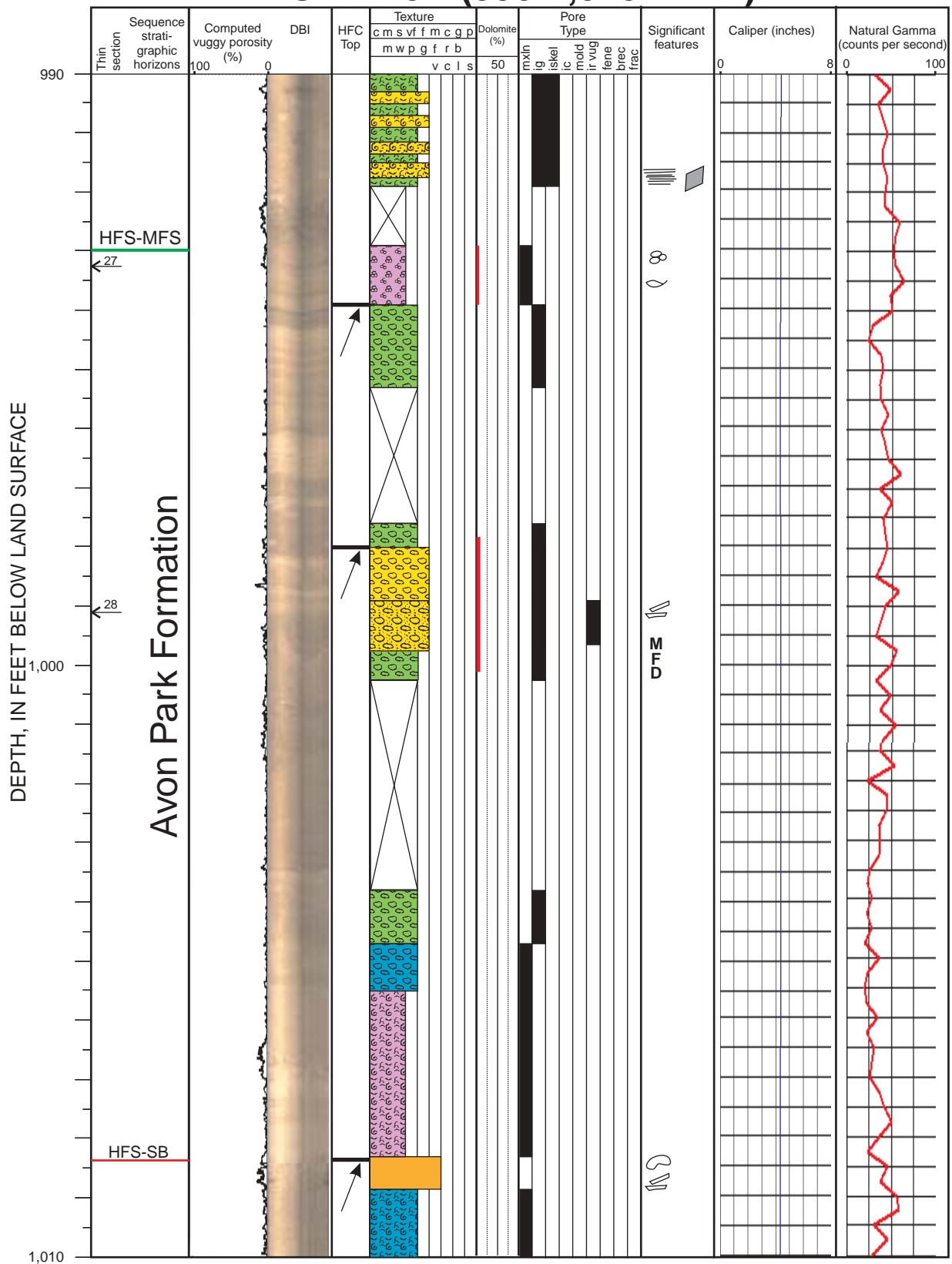
ROMP 29A (950-970 FEET)



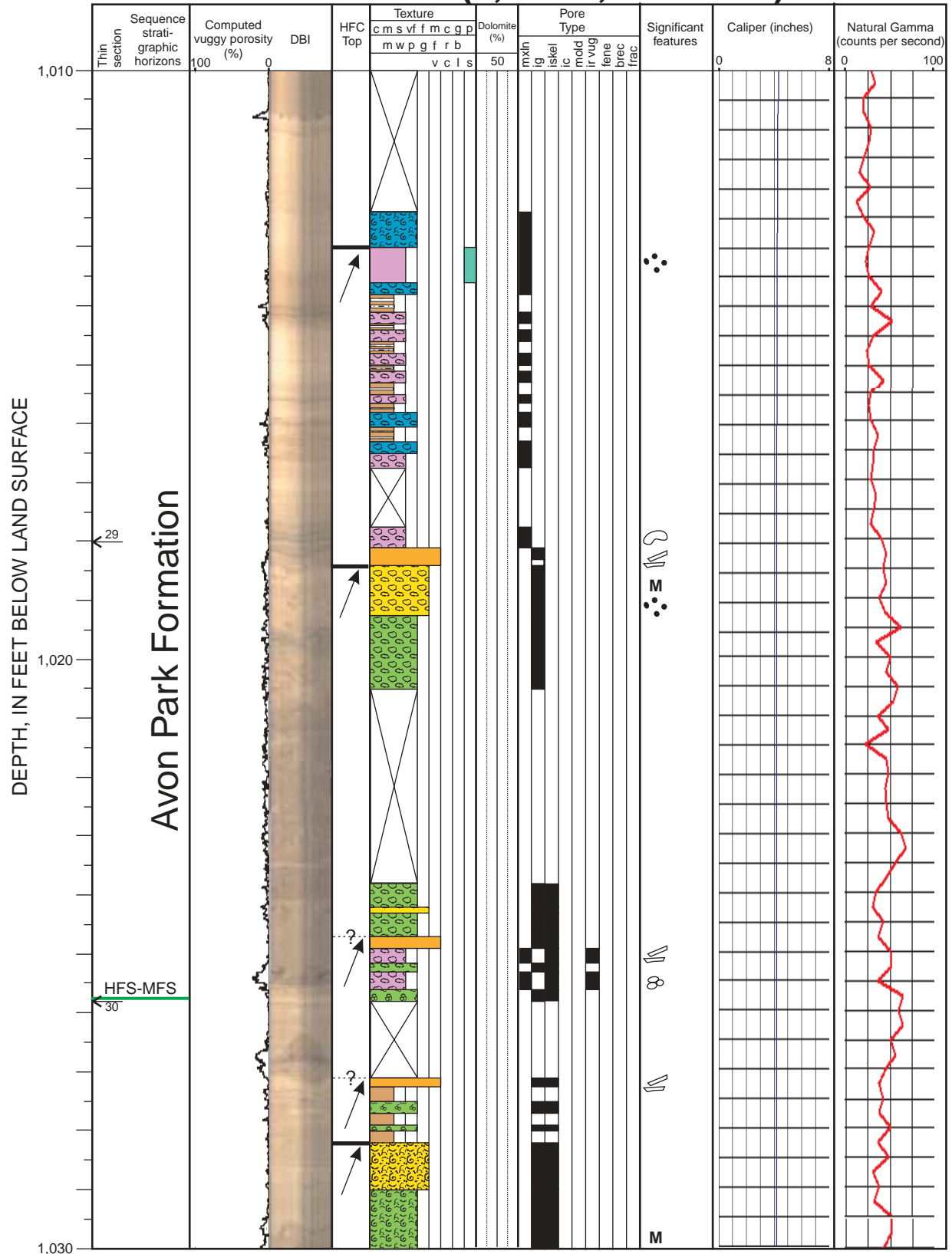
ROMP 29A (970-990 FEET)



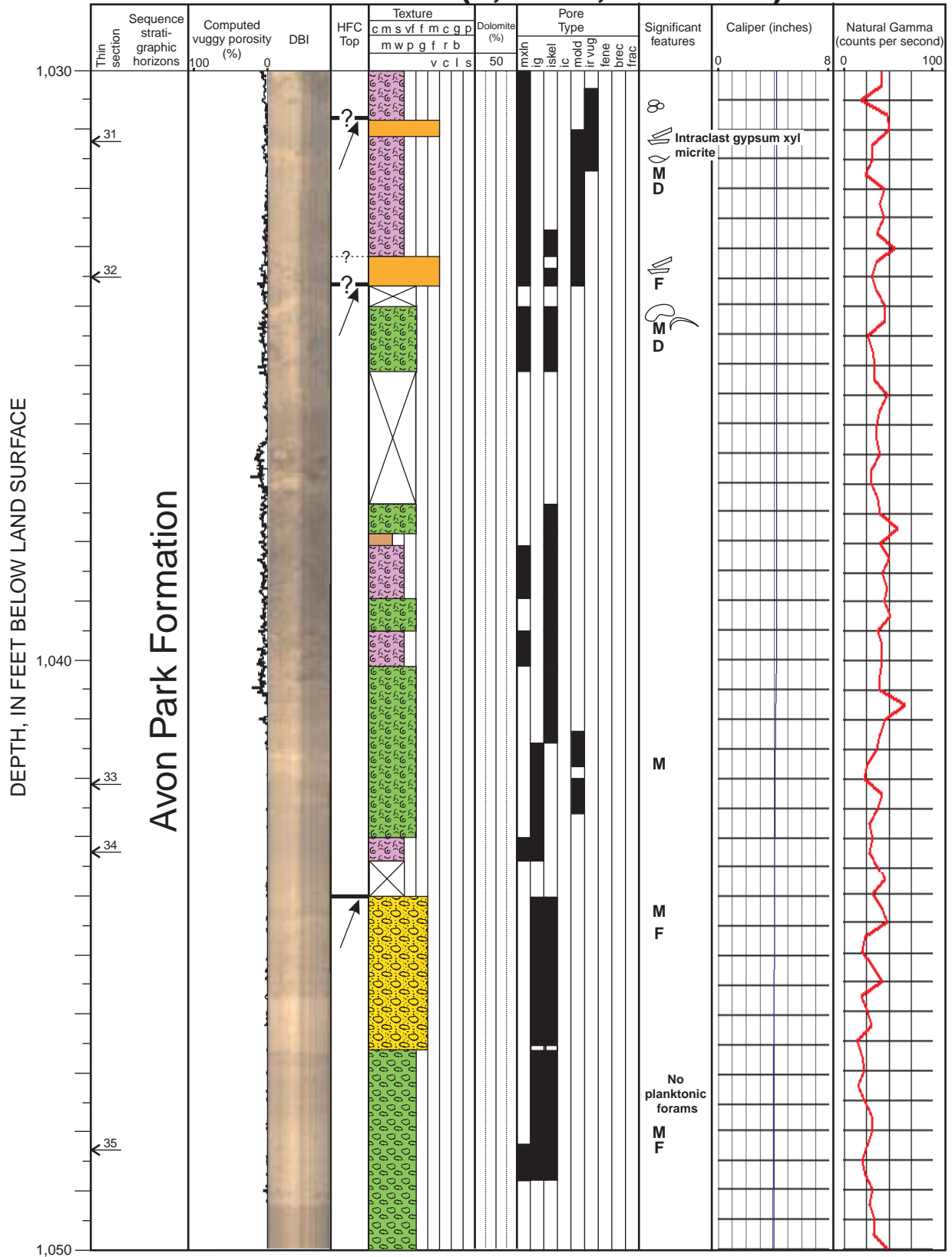
ROMP 29A (990-1,010 FEET)



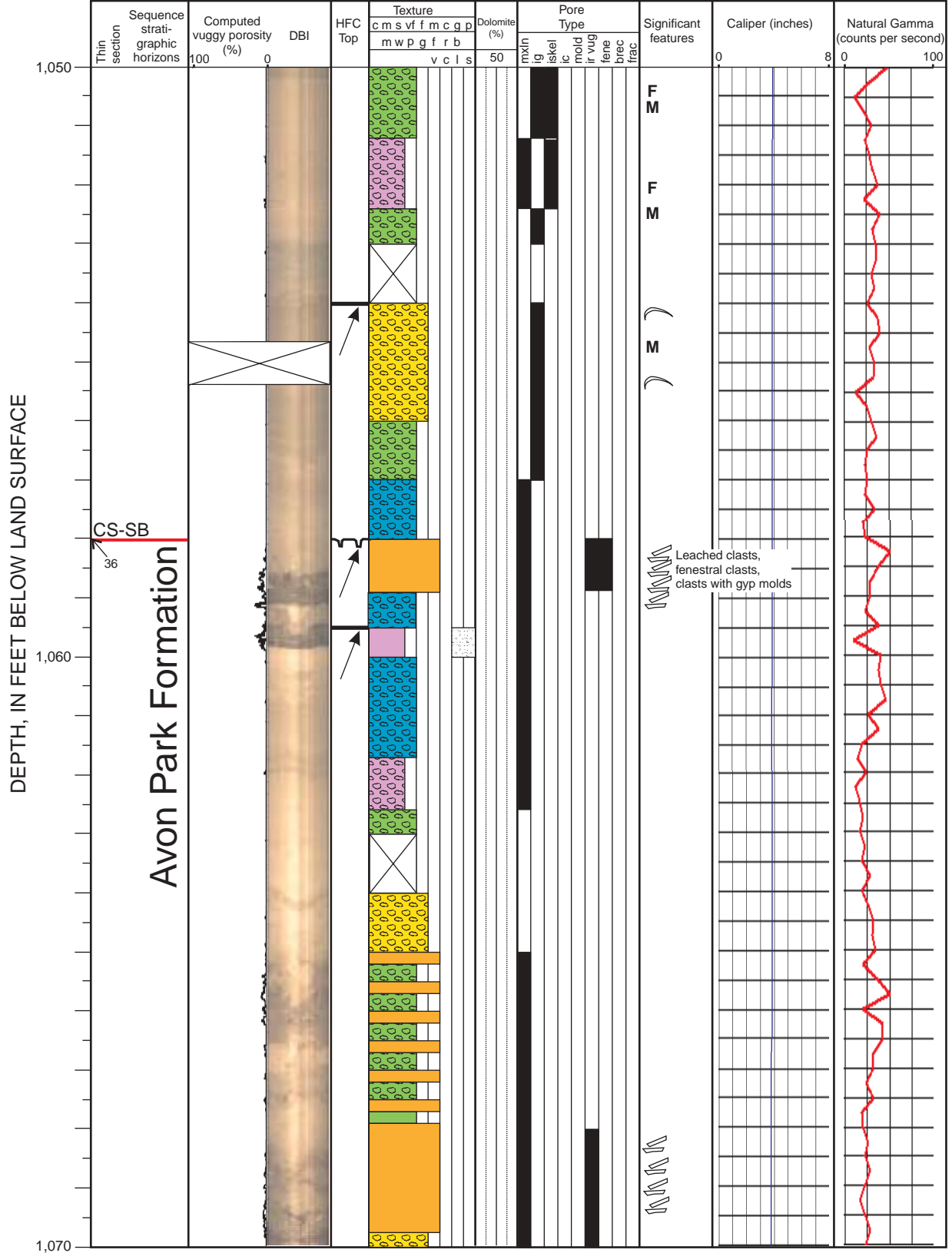
ROMP 29A (1,010-1,030 FEET)



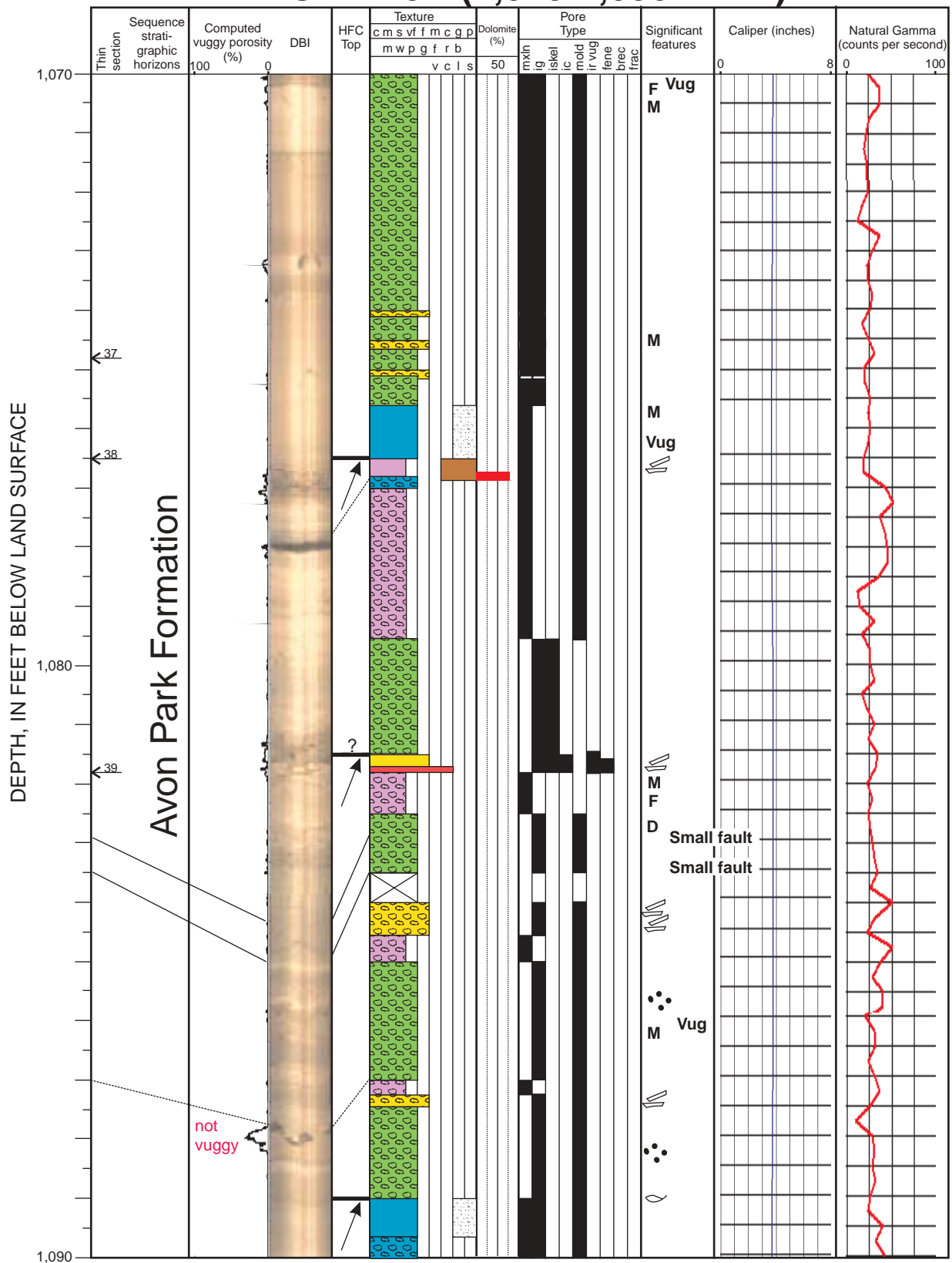
ROMP 29A (1,030-1,050 FEET)



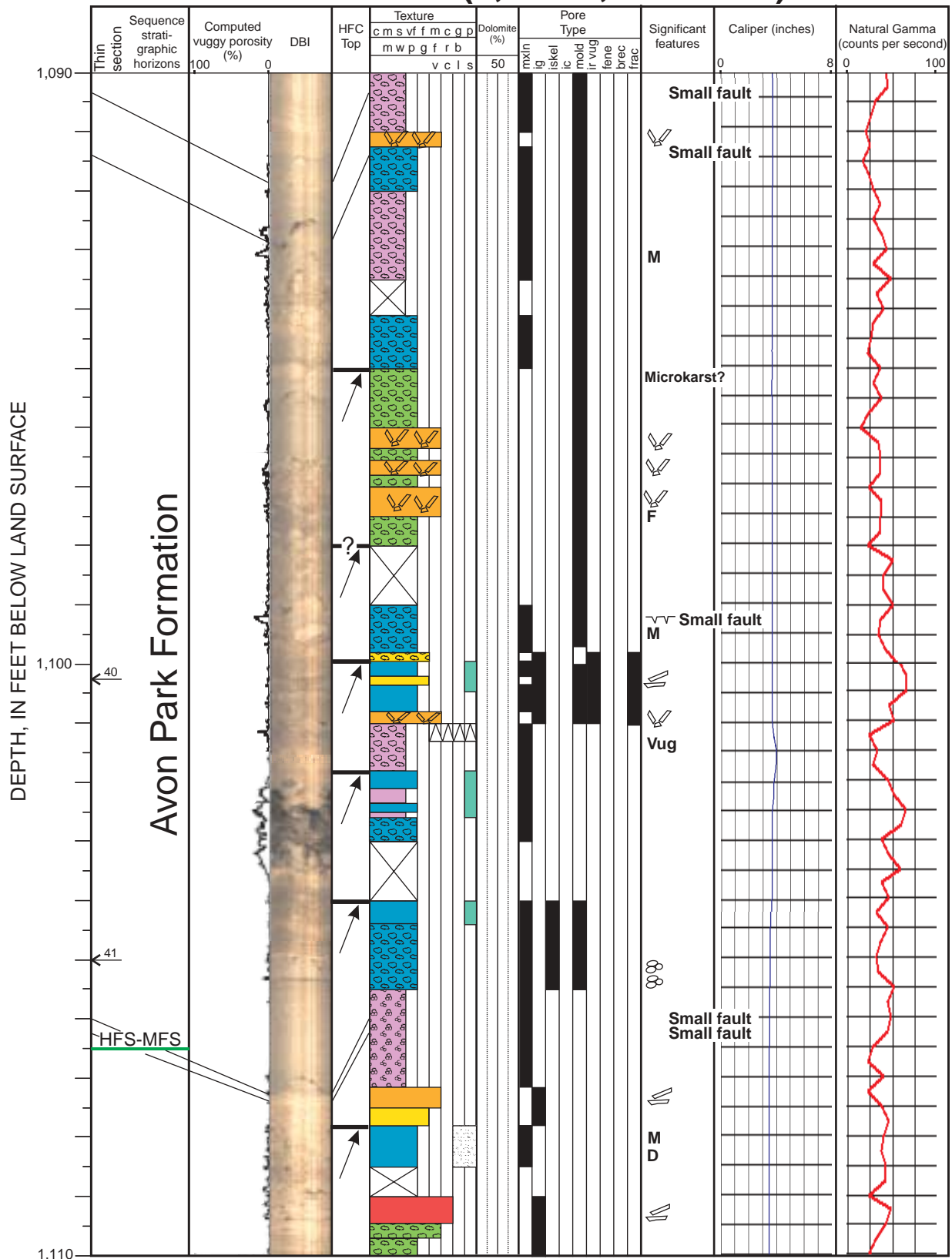
ROMP 29A (1,050-1,070 FEET)



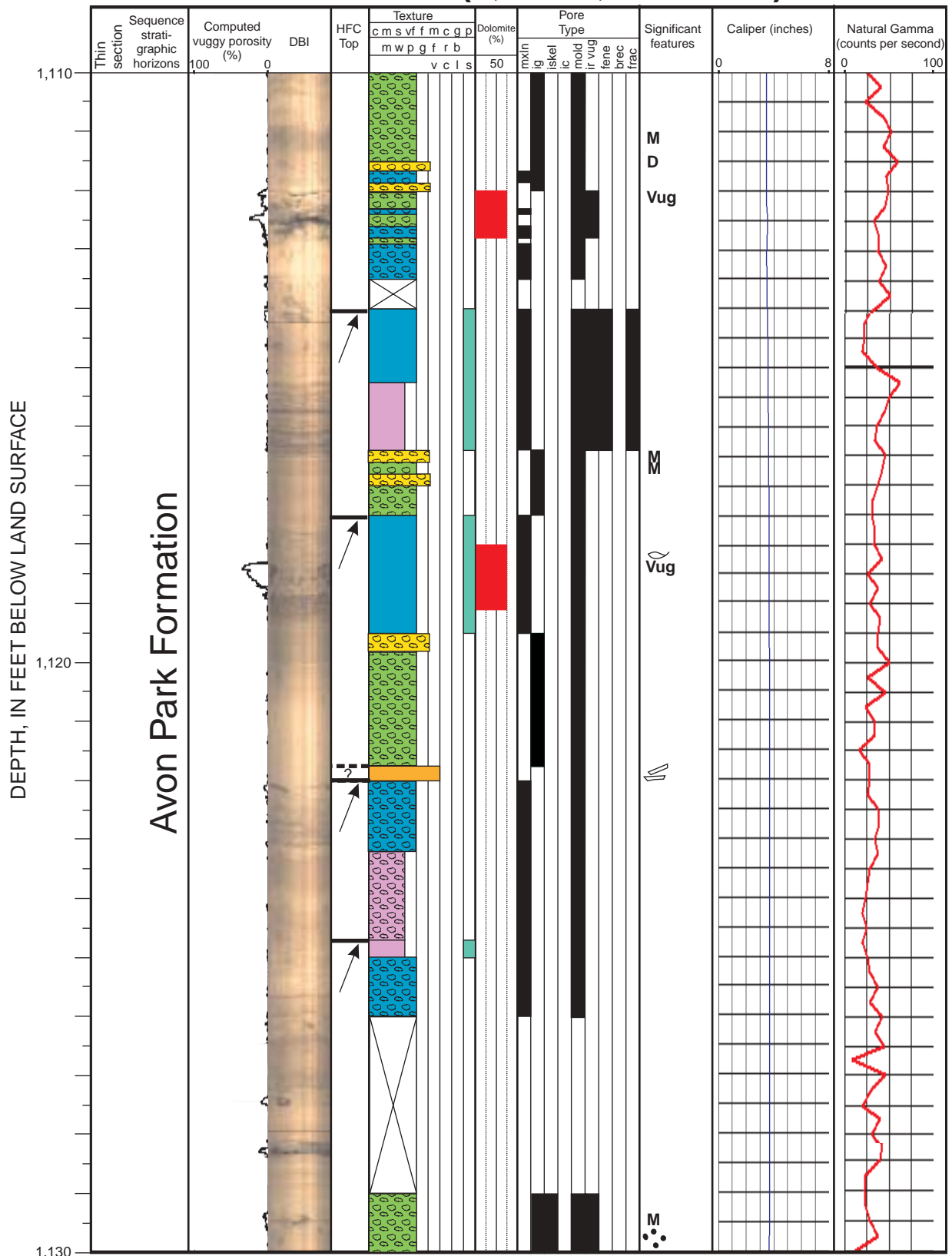
ROMP 29A (1,070-1,090 FEET)



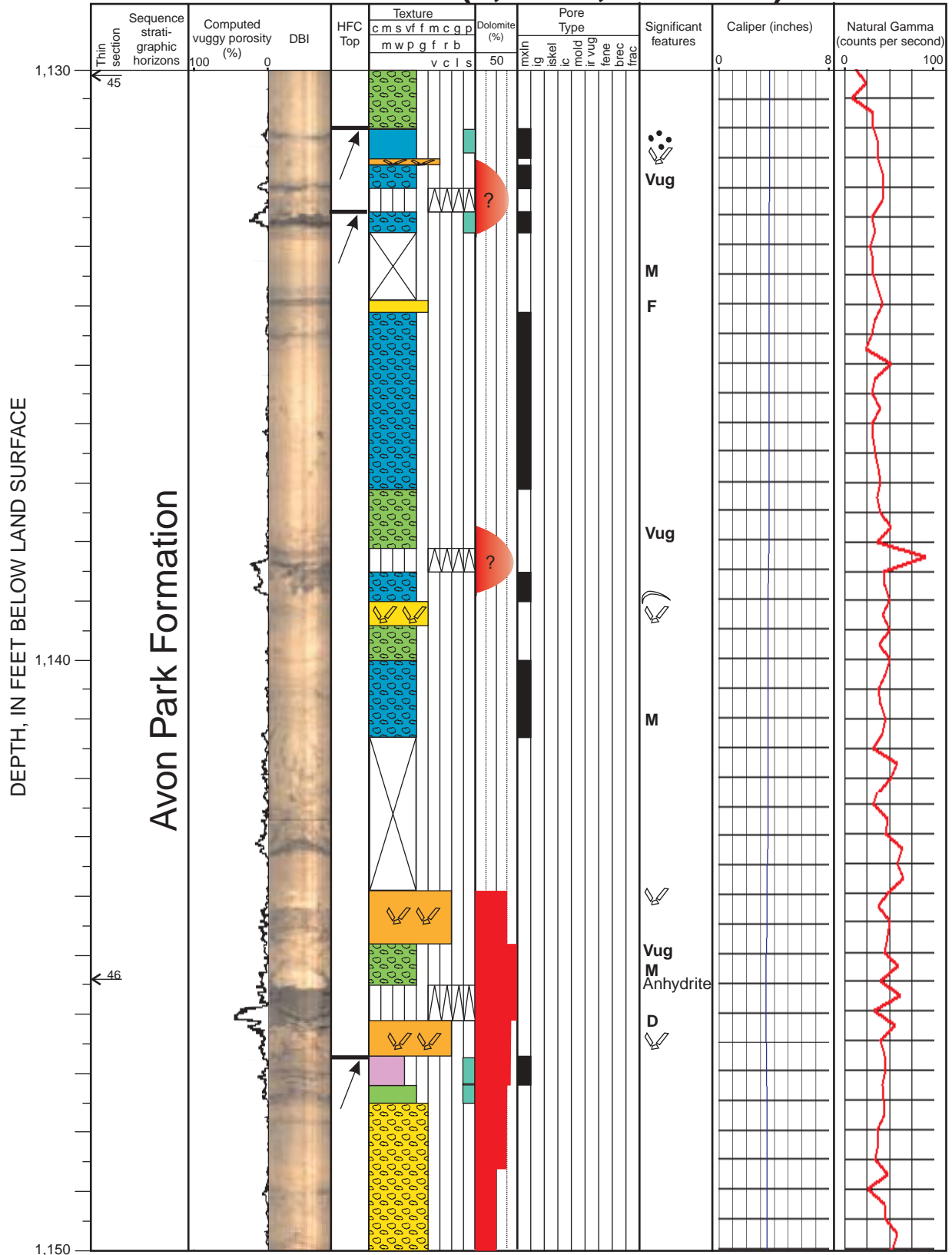
ROMP 29A (1,090-1,110 FEET)



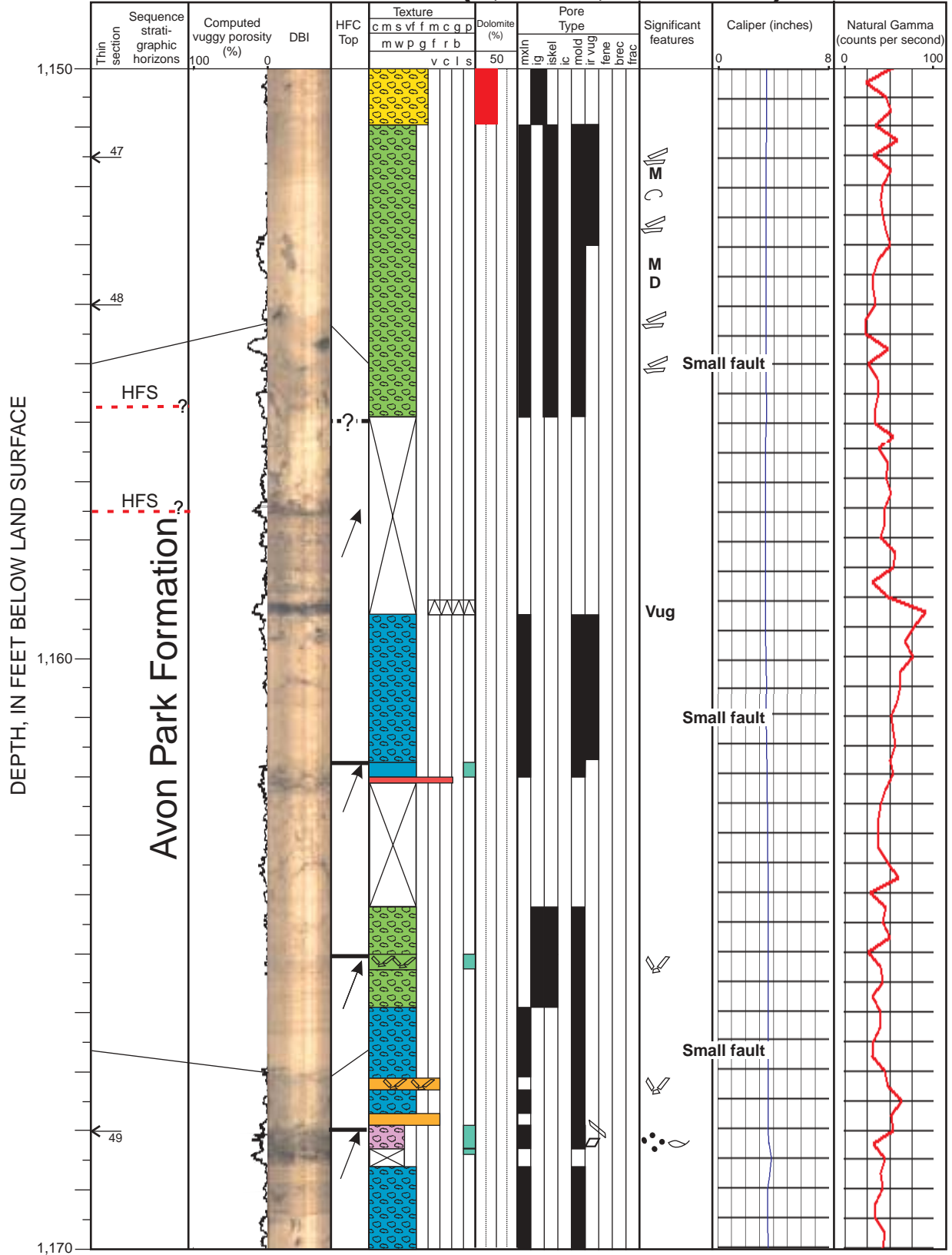
ROMP 29A (1,110-1,130 FEET)



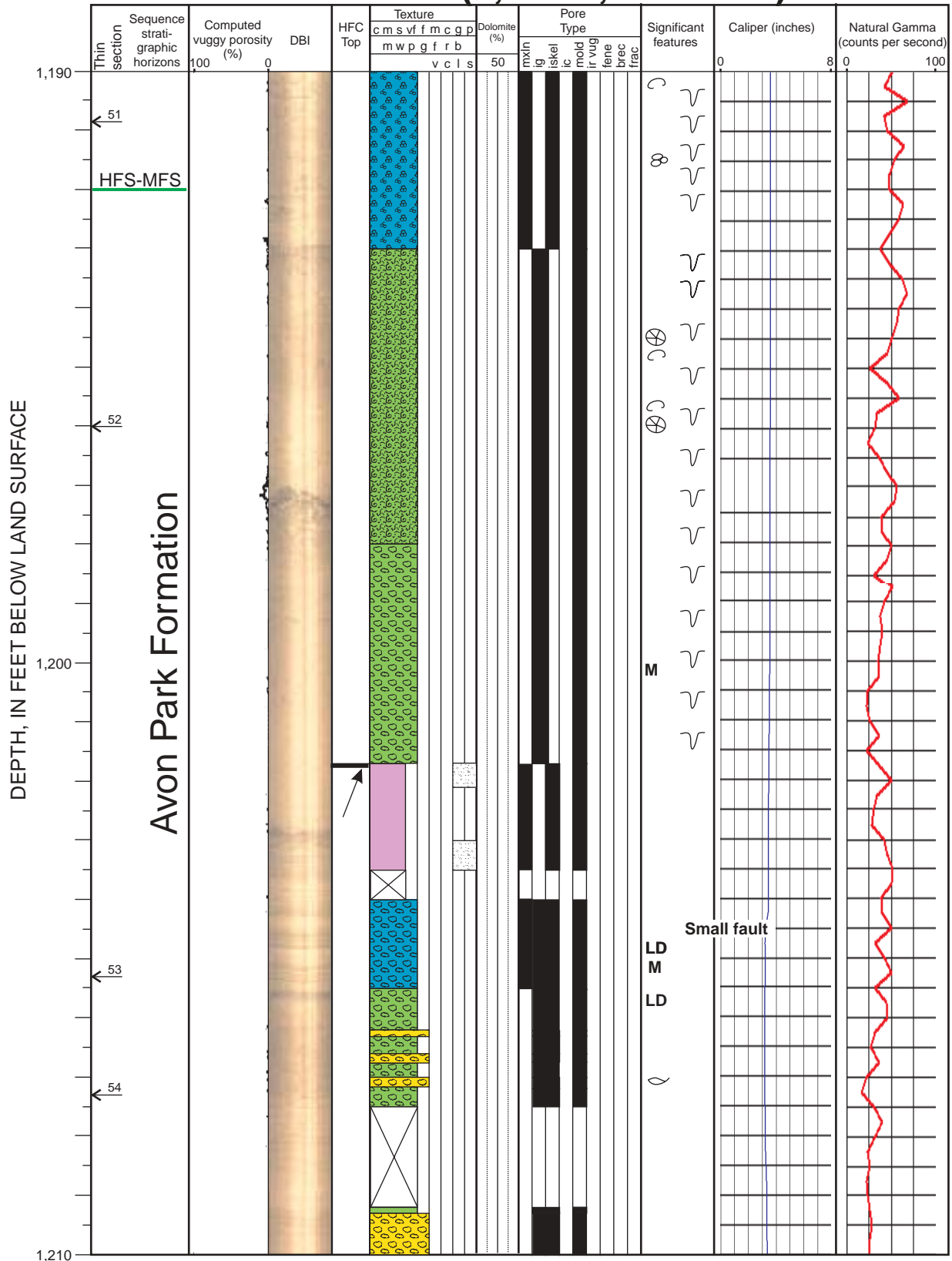
ROMP 29A (1,130-1,150 FEET)



ROMP 29A (1,150-1,170 FEET)



ROMP 29A (1,190-1,210 FEET)



ROMP 29A (1,210-1,230 FEET)

