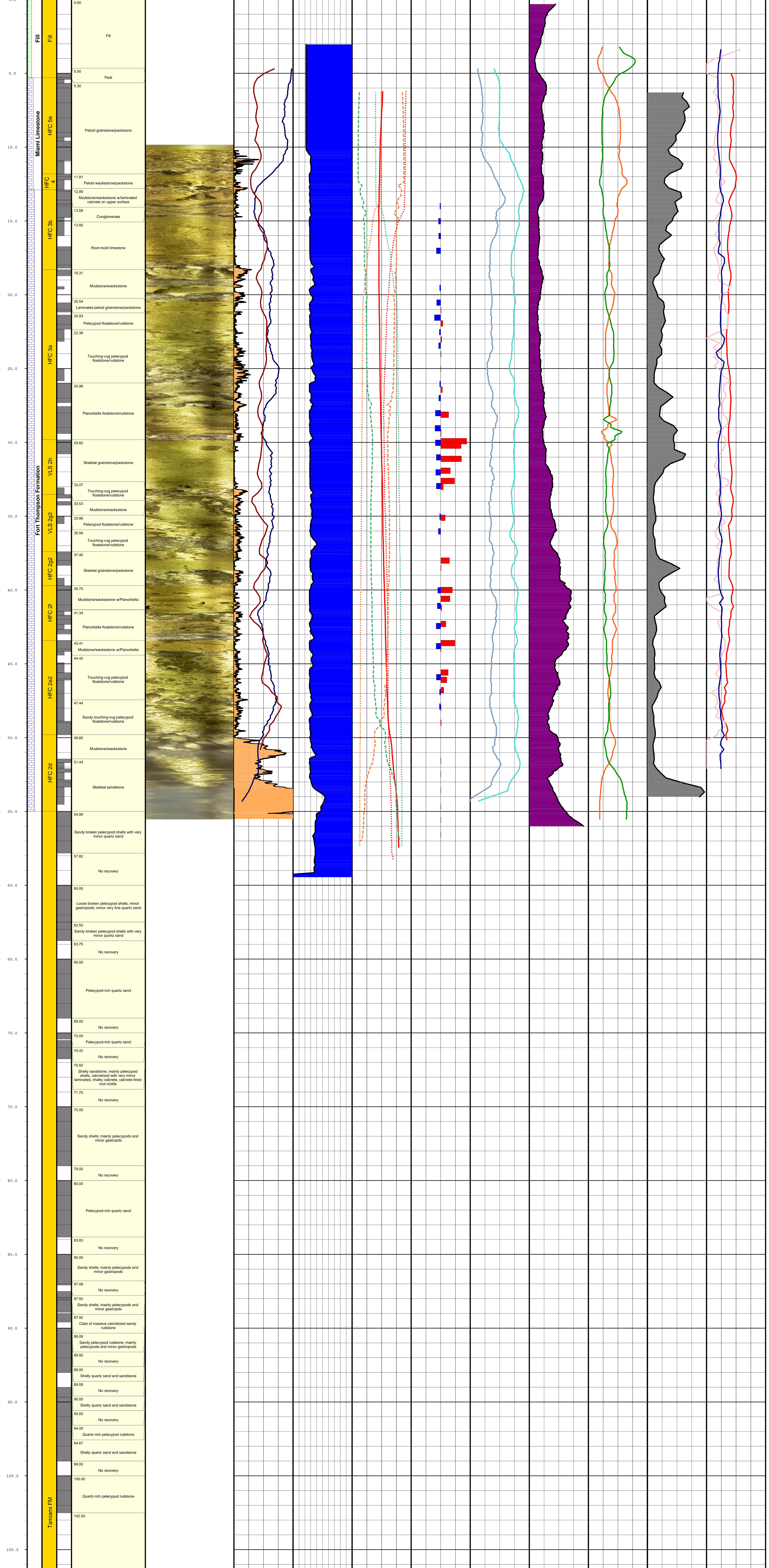
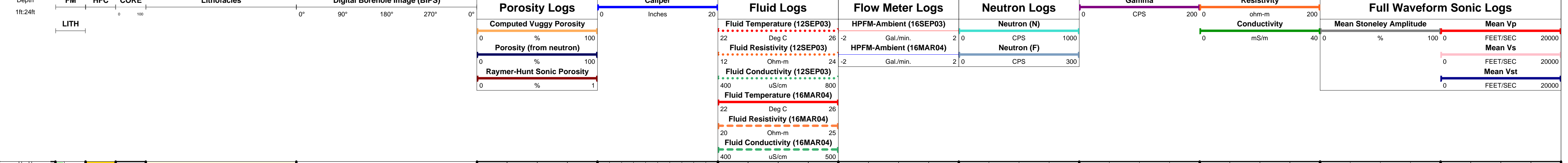


## **Appendix I. Geophysical Logs.**

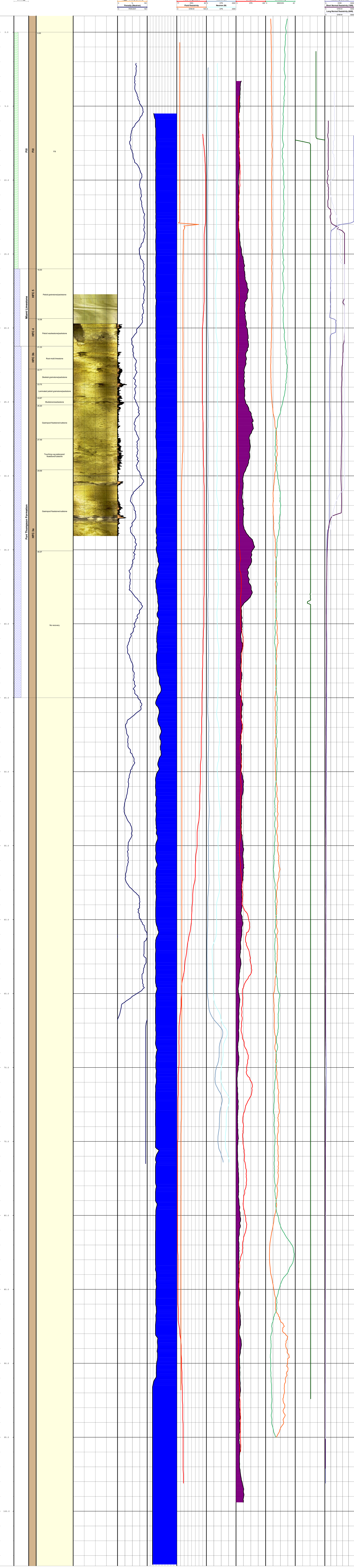


**G-3671**





**G-3673**

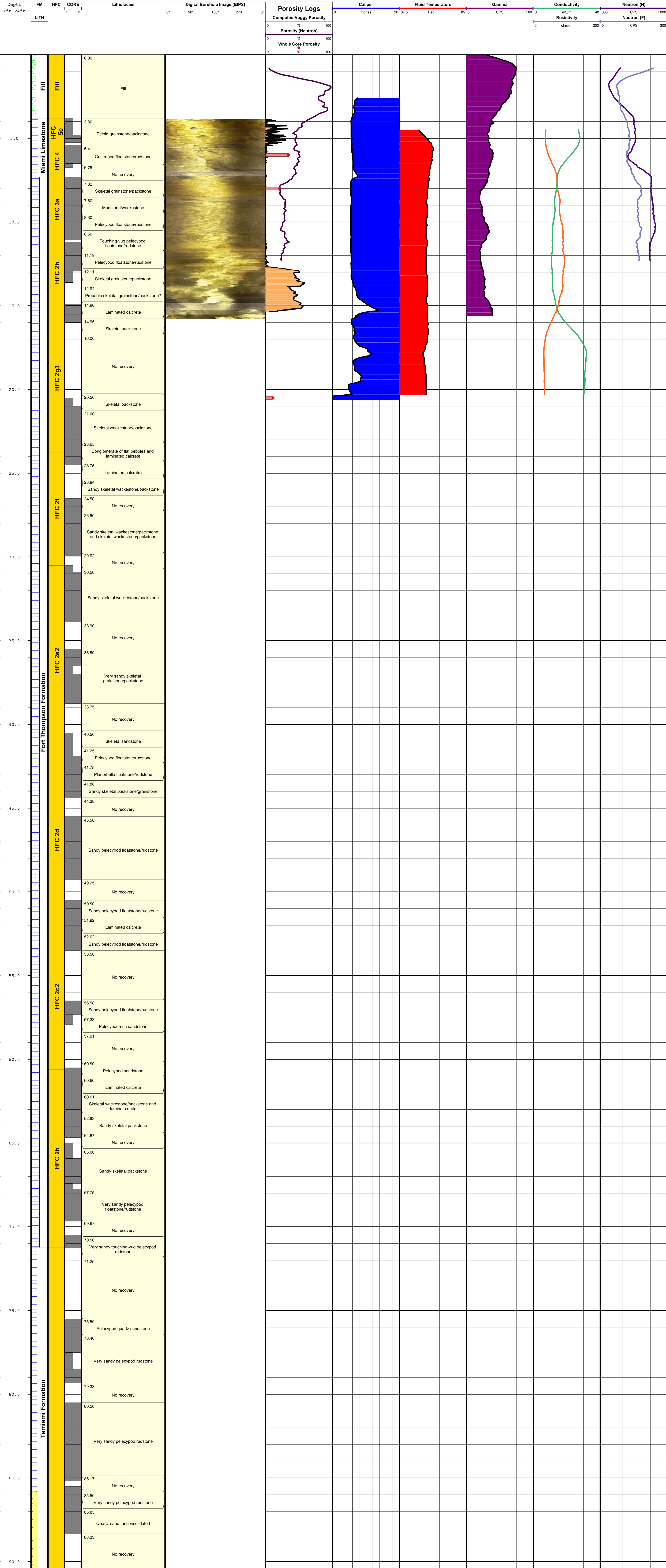






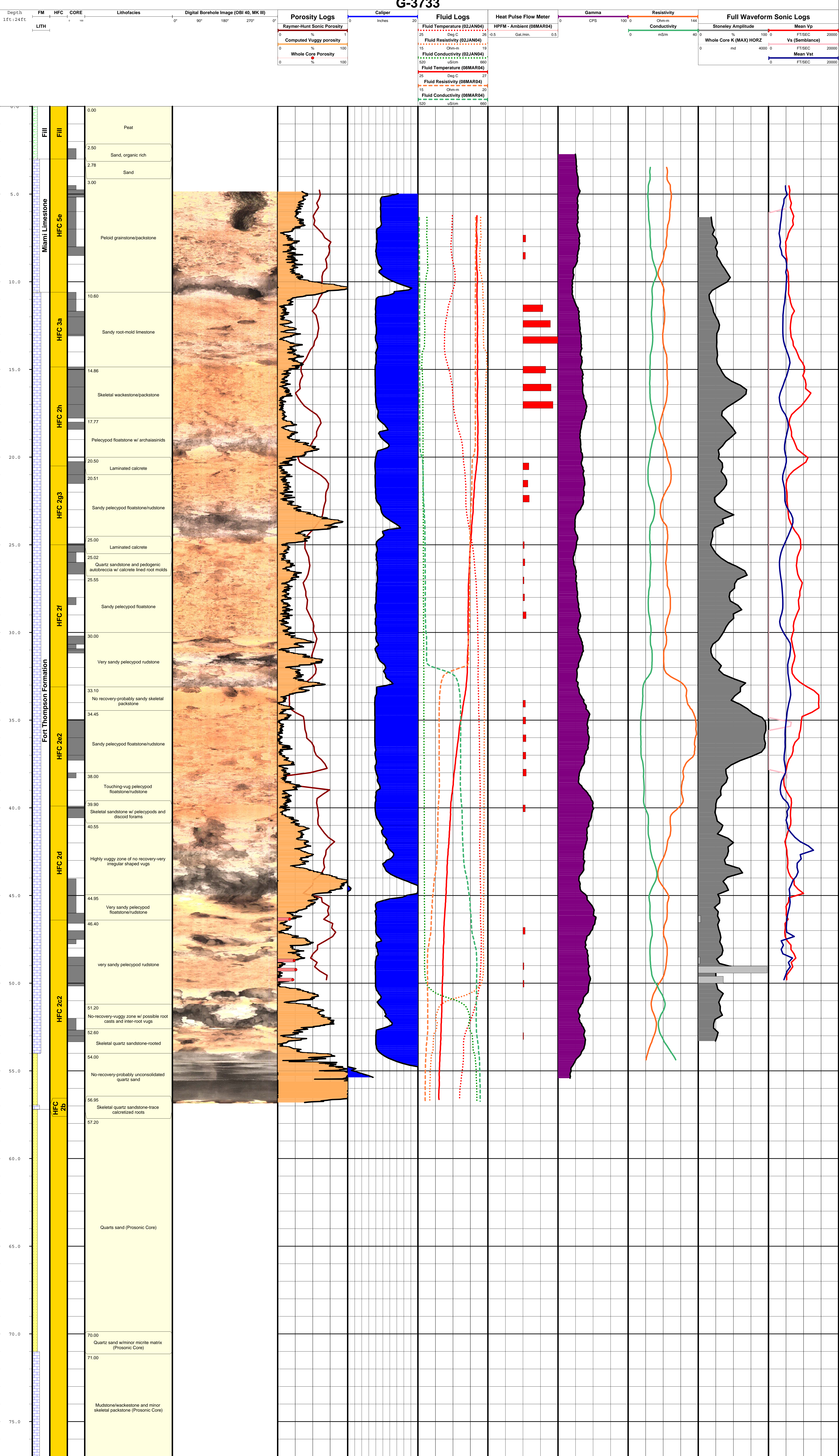


**G-3675**





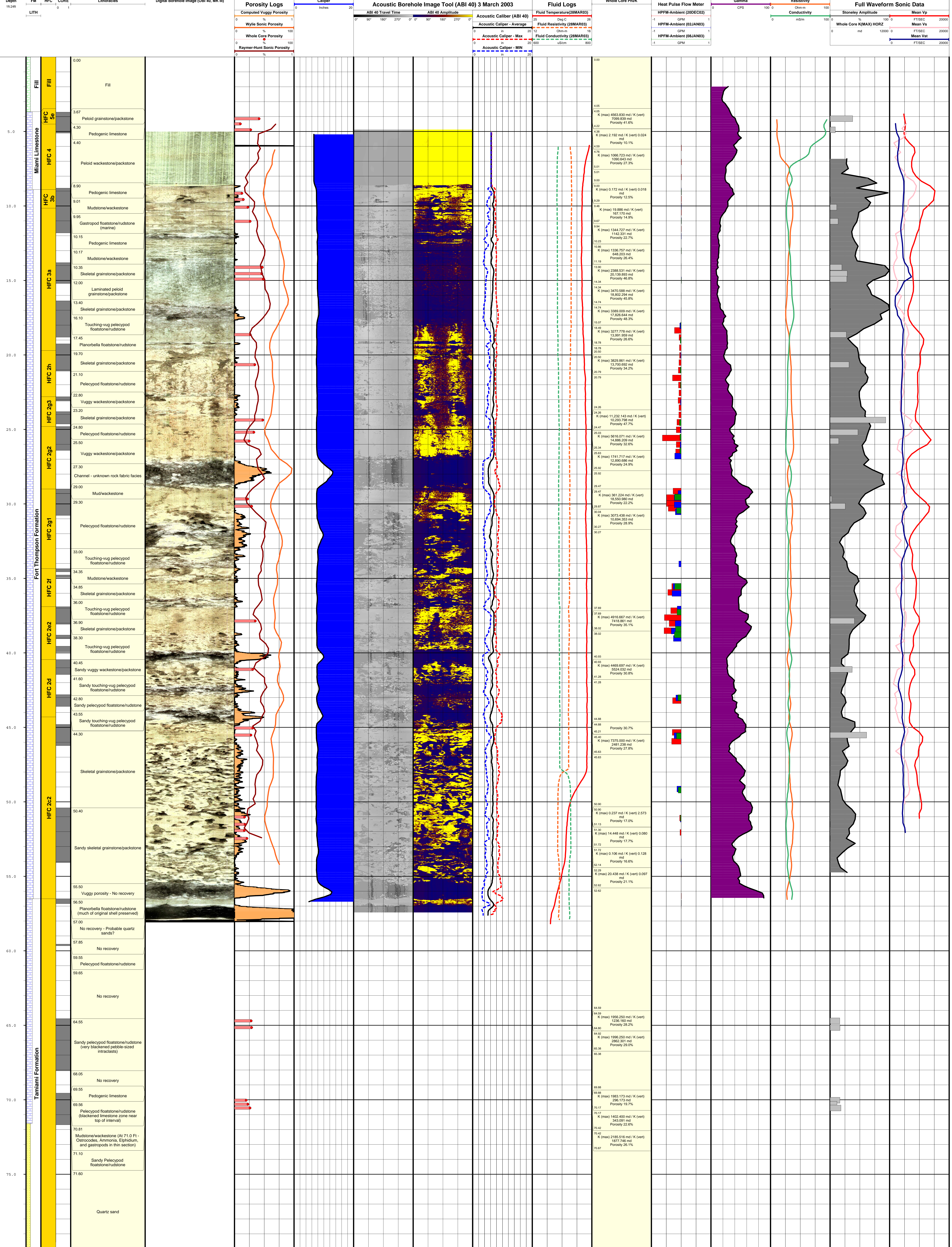
### G-3733





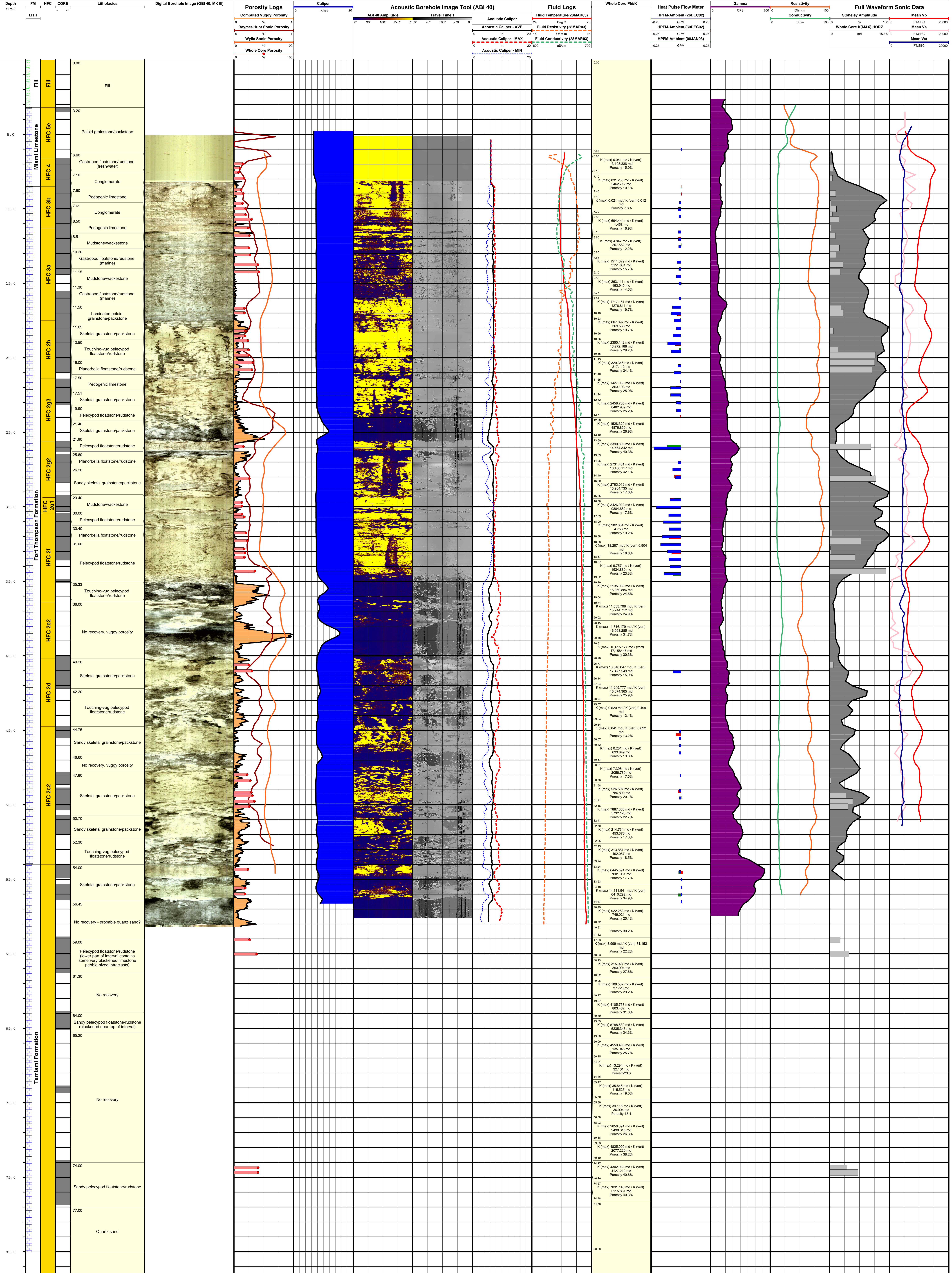
WELL: G-3770 PROJECT: Lake Belt Hydrology Study DATE OF COMPLETION: 6 November 2002  
 LOCATION: 25-49-58.7 N (NAD 83) ELEVATION: 6.65 FT (Survey, NGVD 29) WELL DEPTH: 80 FT (Open to 58 feet)  
 080-26-00.9 W

G-3770



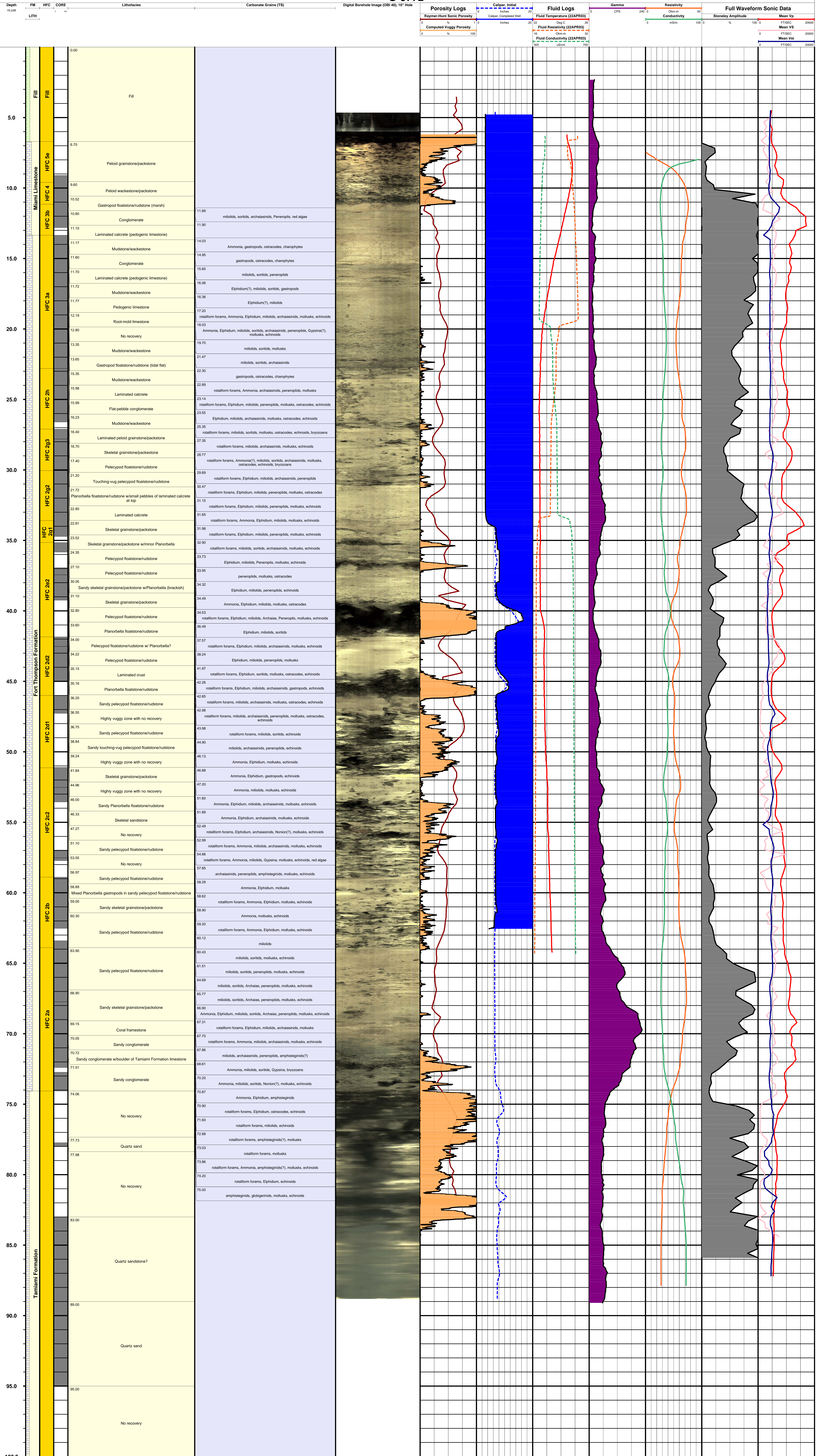


**G-3771 Well Log Montage**



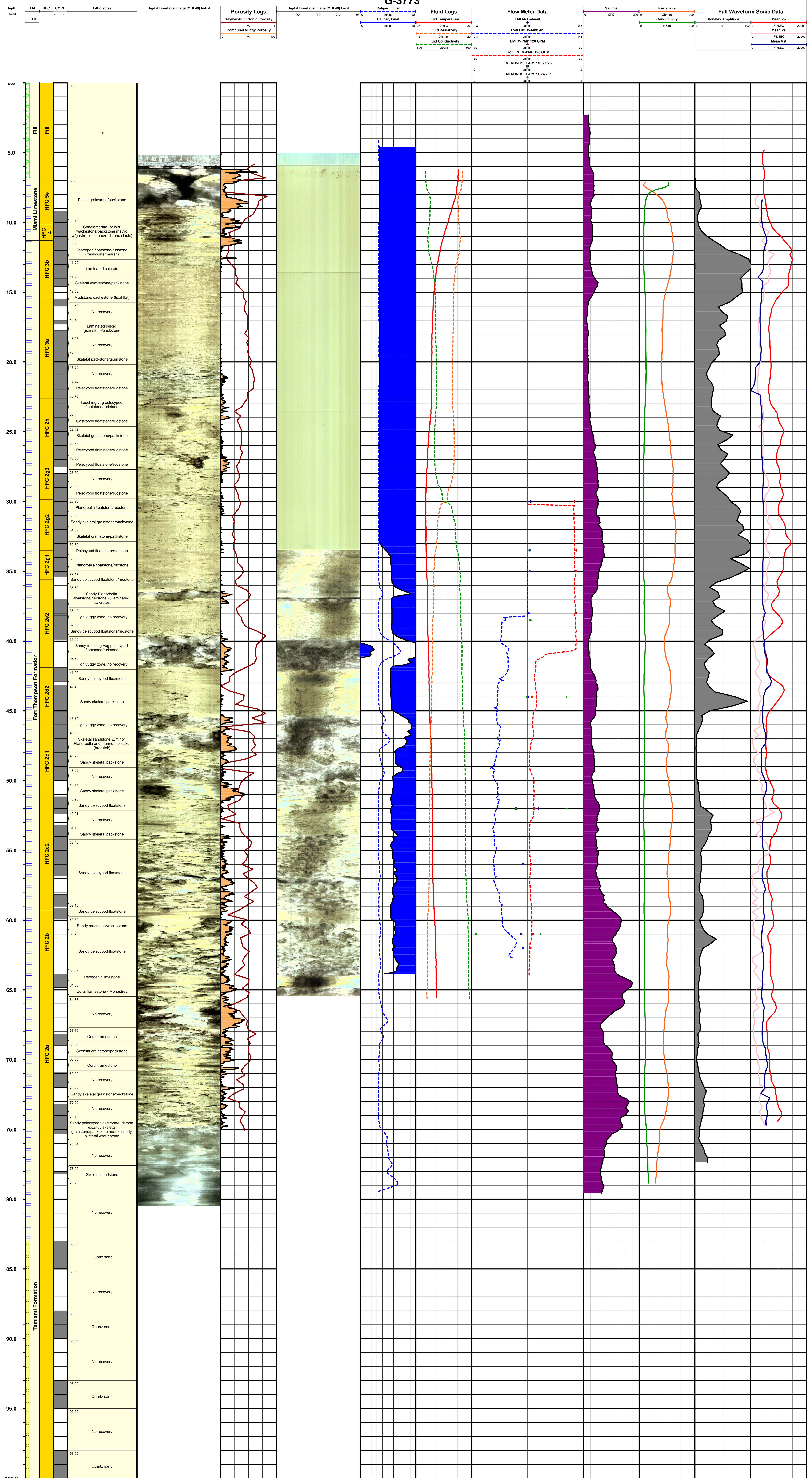


G-3772



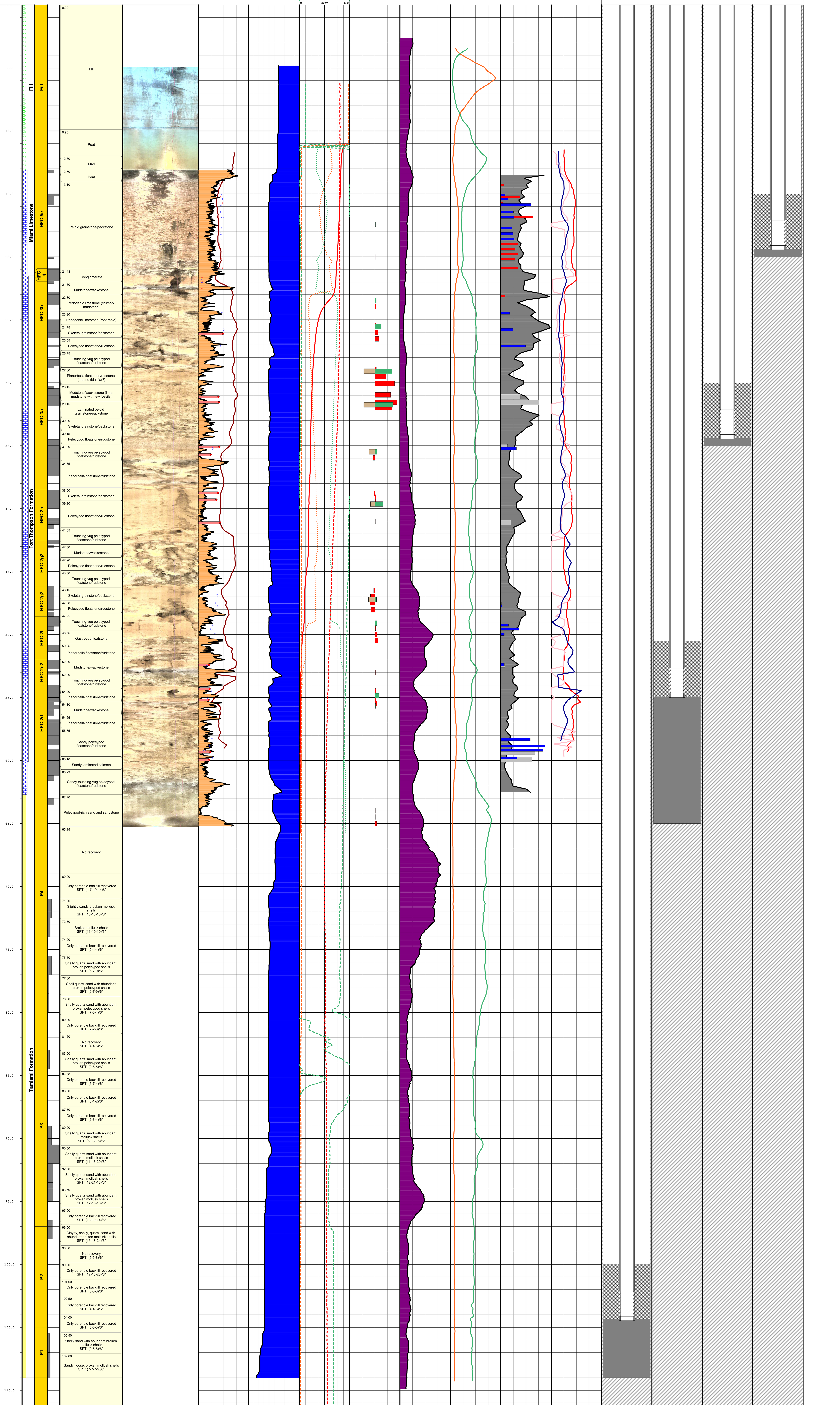
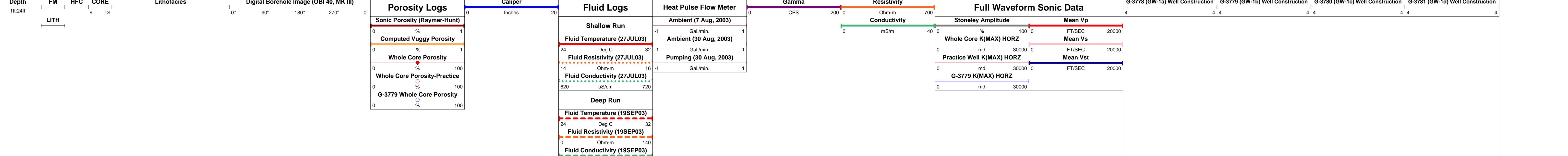


**G-3773**





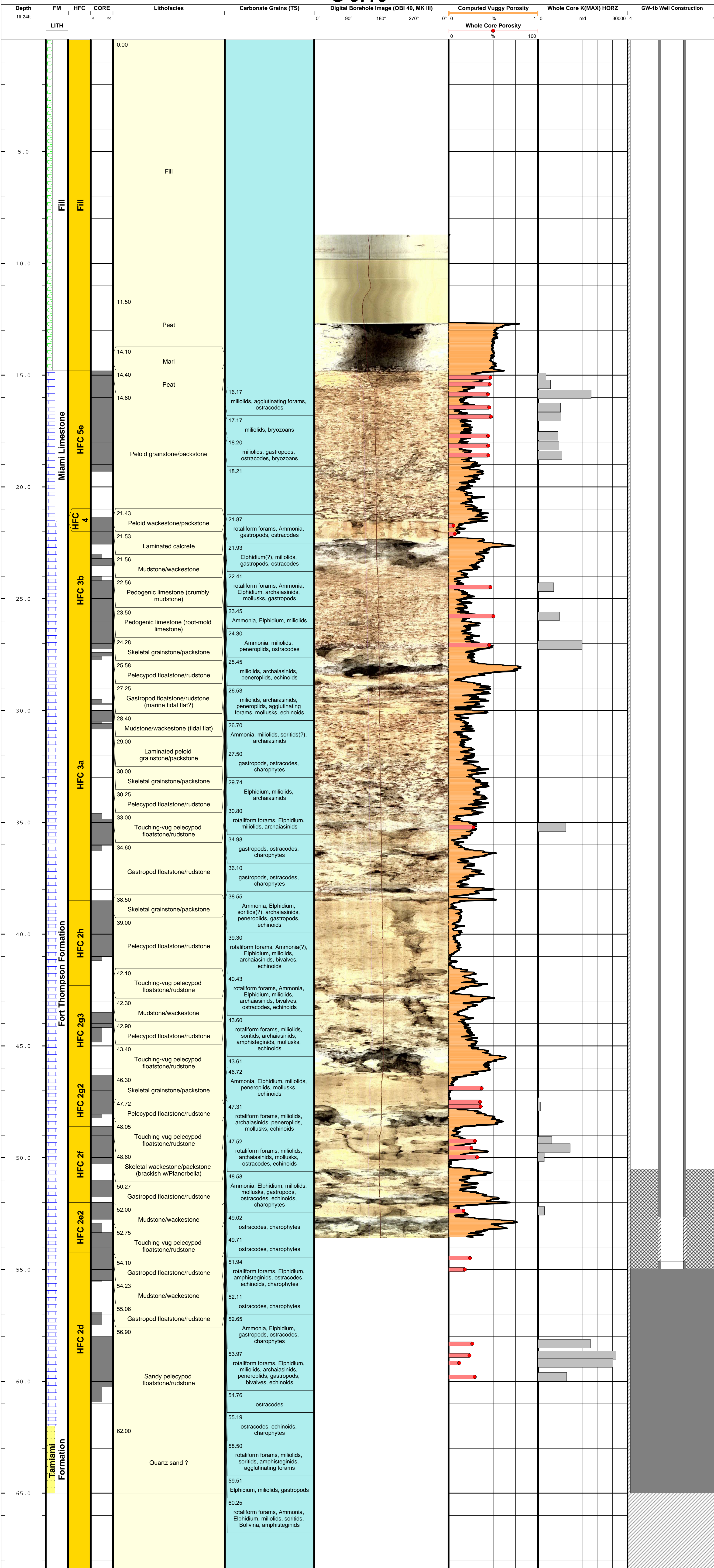
**G-3778**





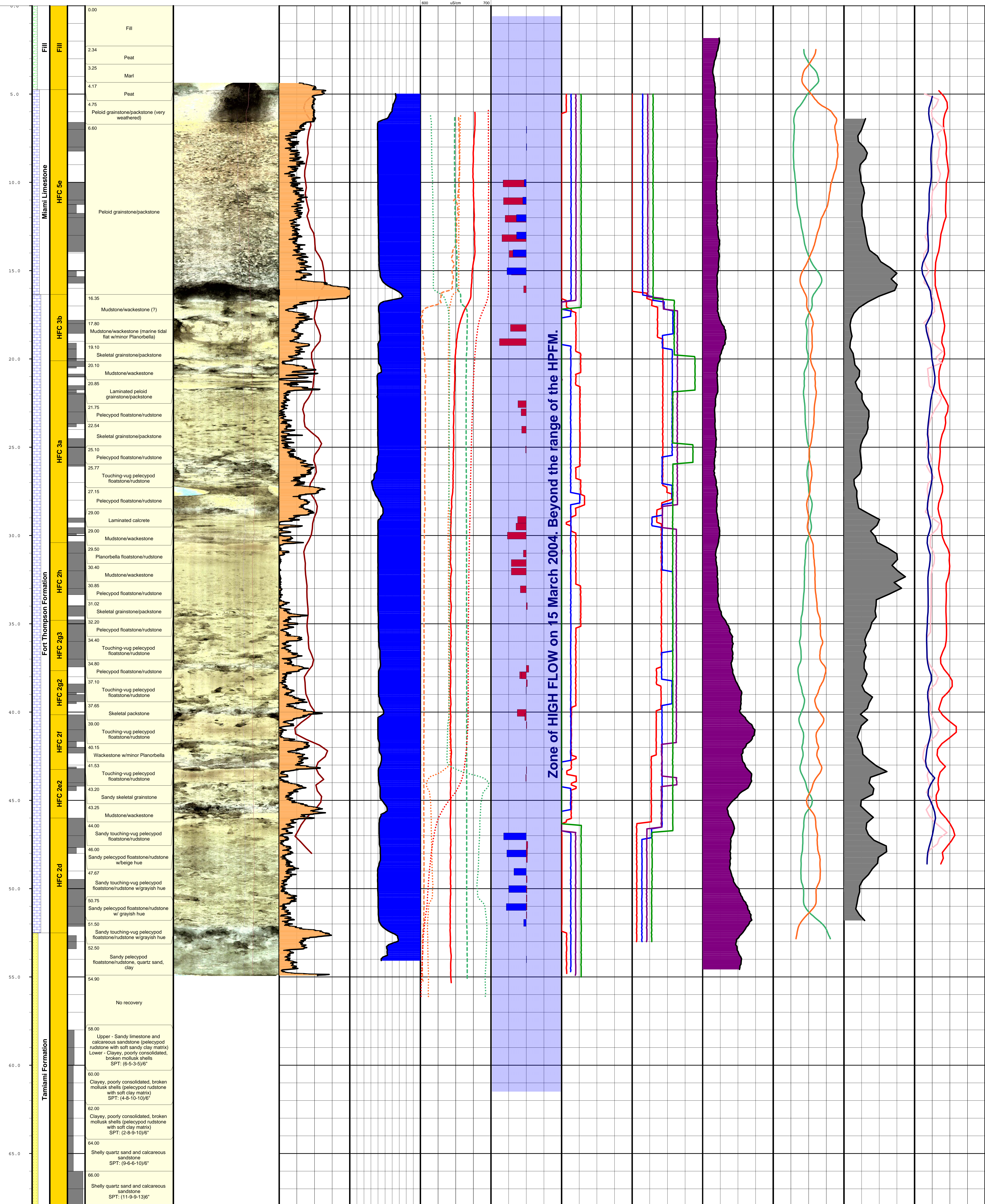
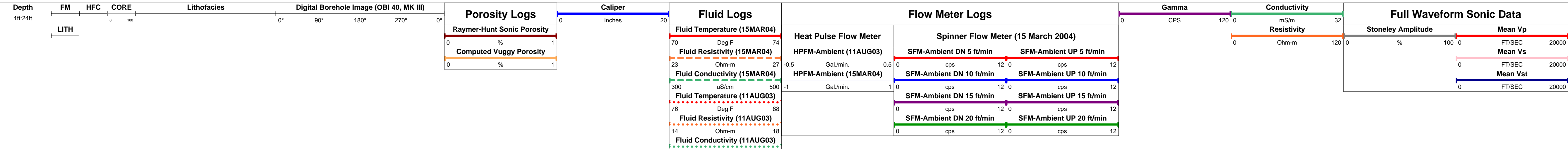
WELL	G-3779	PROJECT	L-31N Seepage Study	DATE OF COMPLETION	18 September 2003
LOCATION	25-44-46.66 N (NAD 83) 080-29-52.33 W	ELEVATION	16.15' (NGVD29), 14.64' (NAVD88)	WELL DEPTH	65 Feet

### G-3779



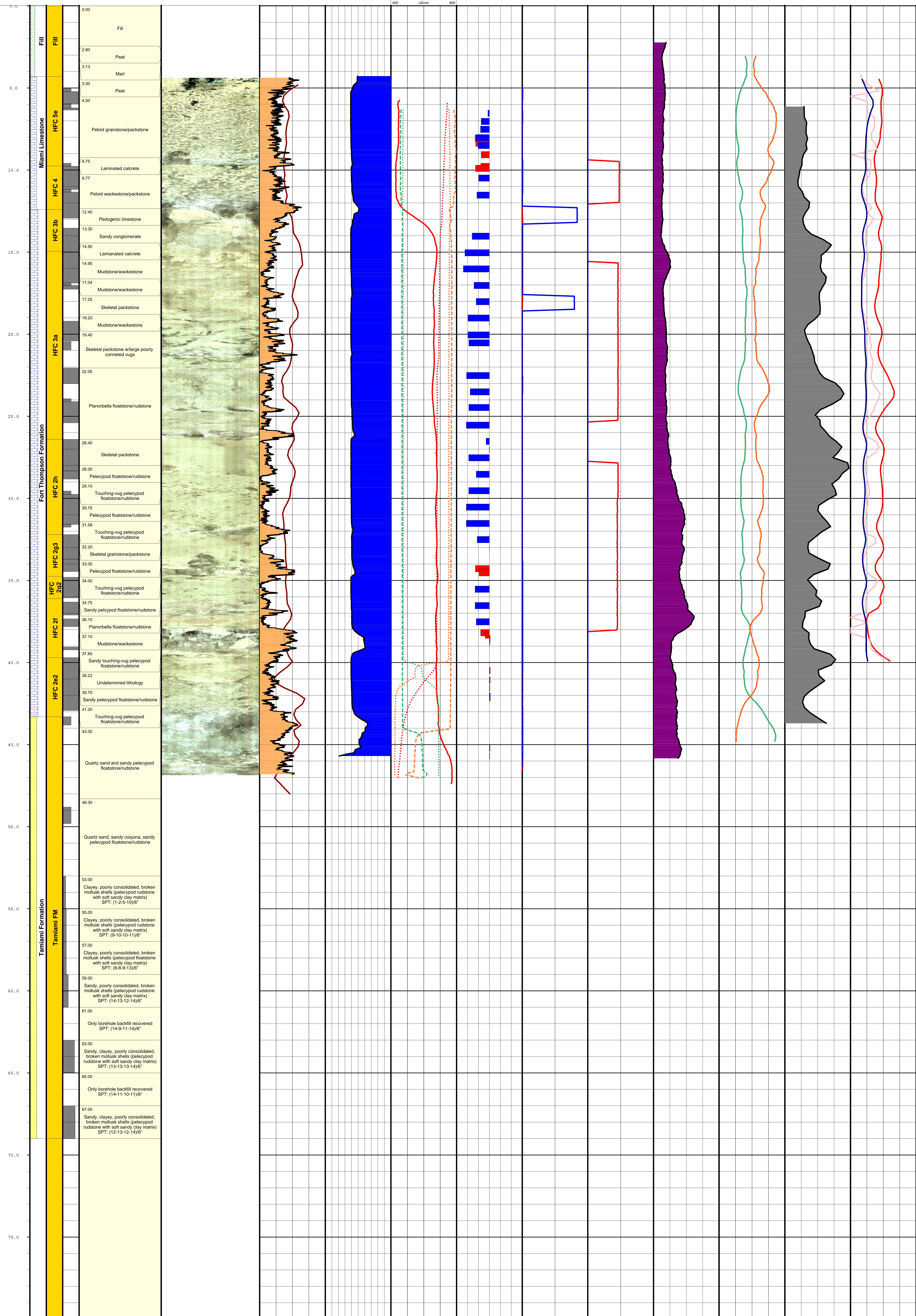
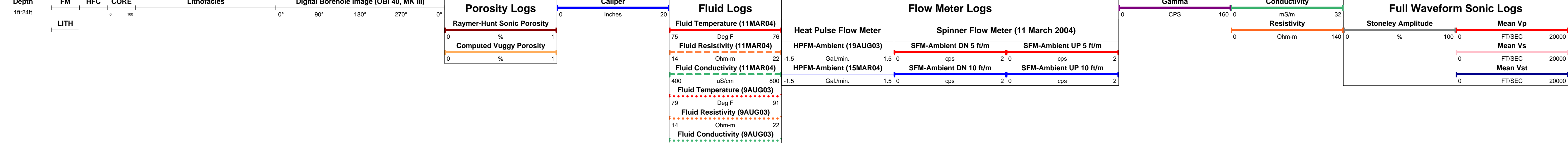


**G-3782**

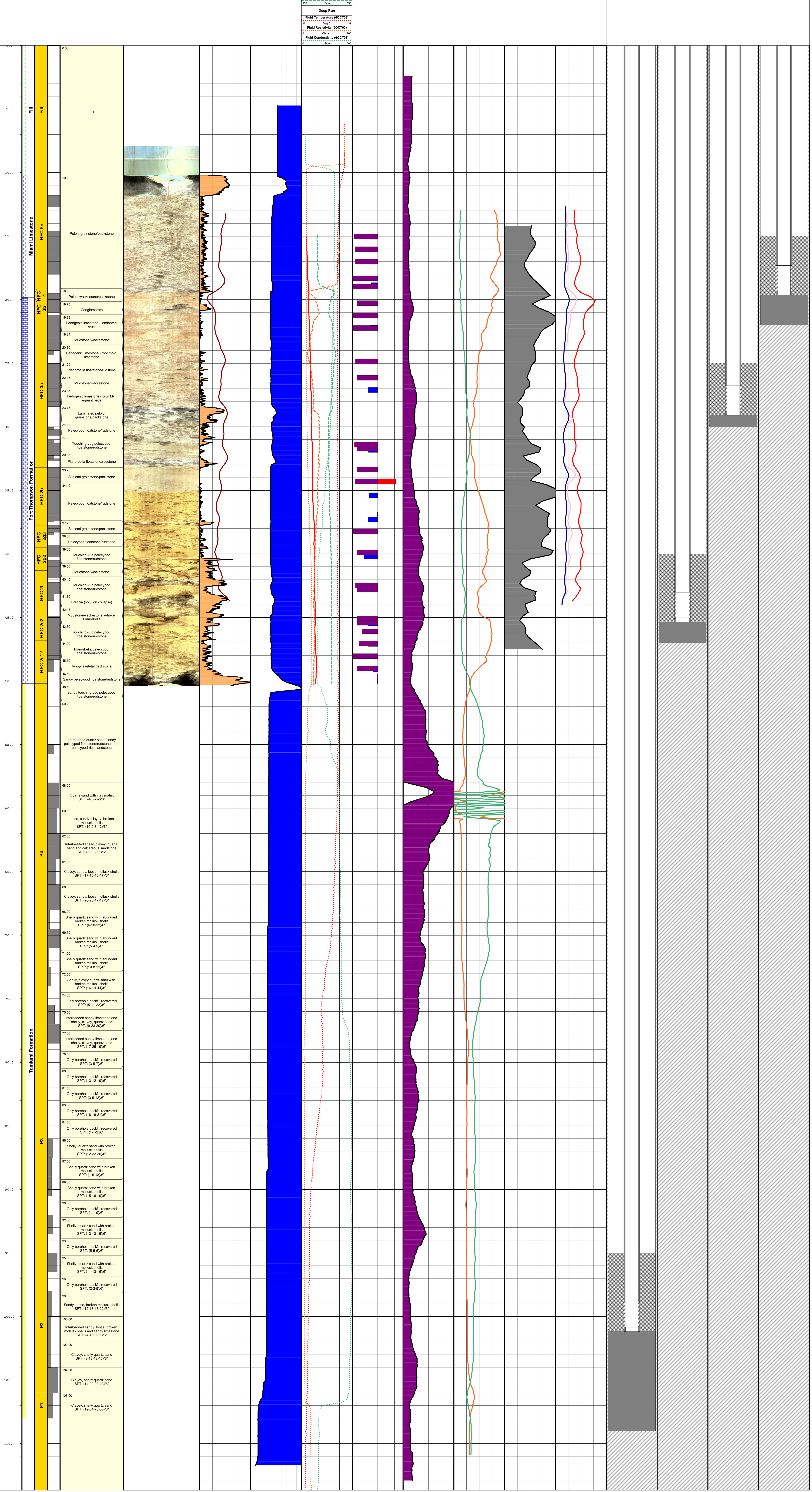
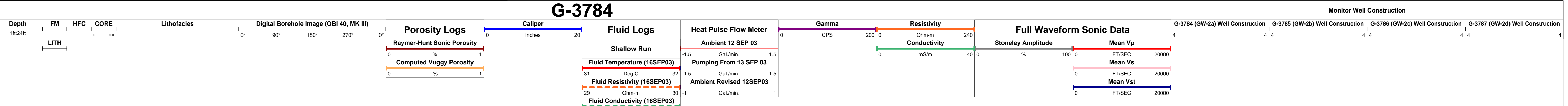




**G-3783**

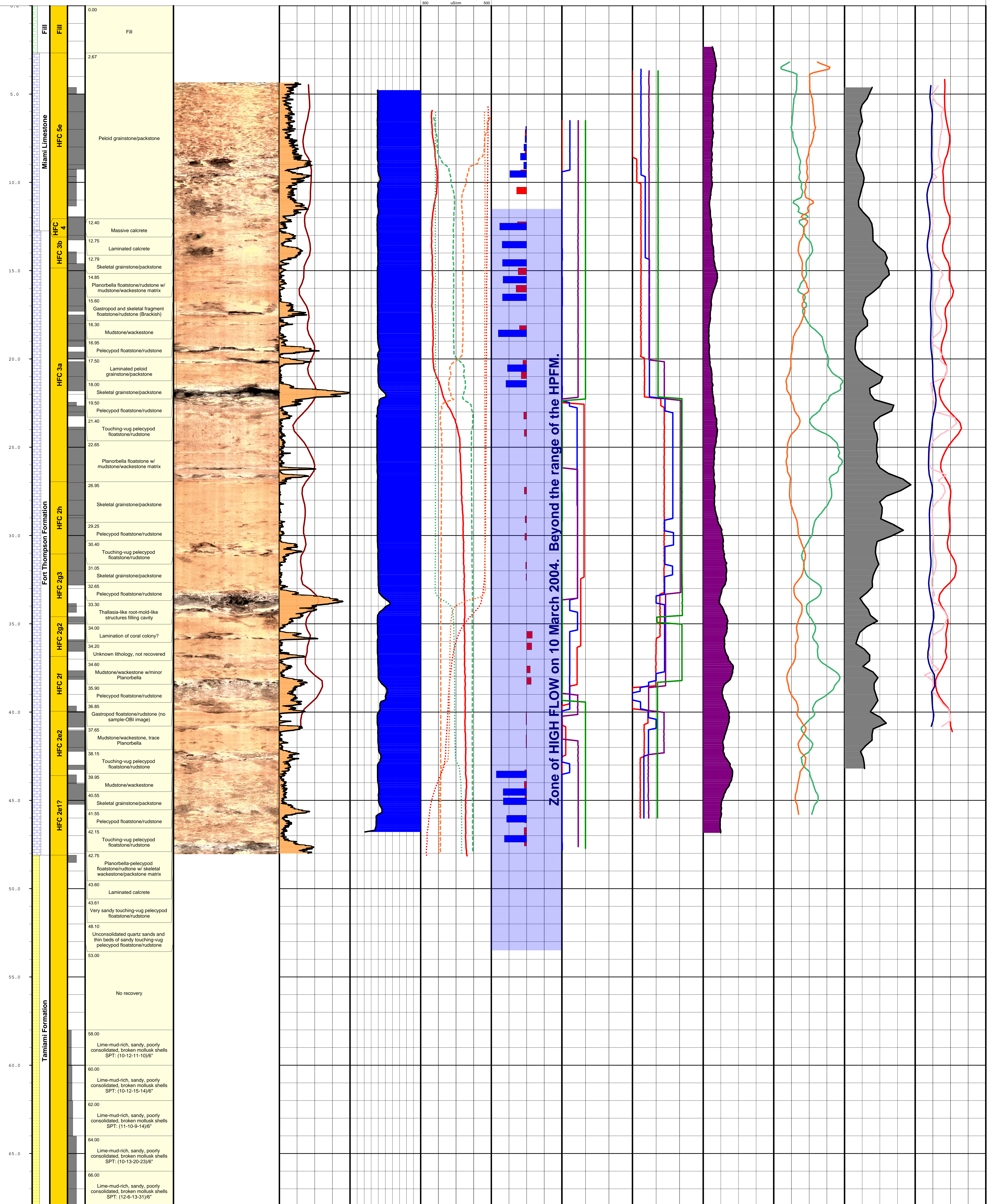
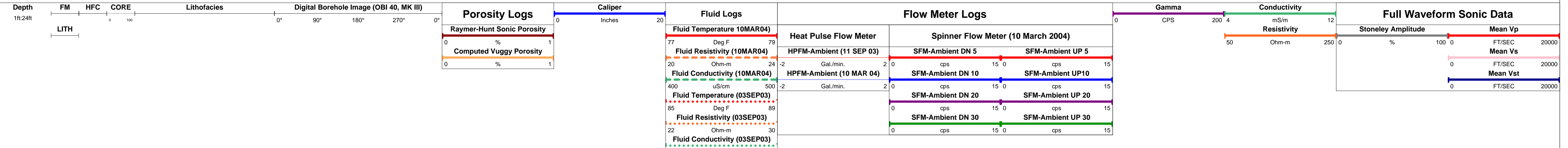






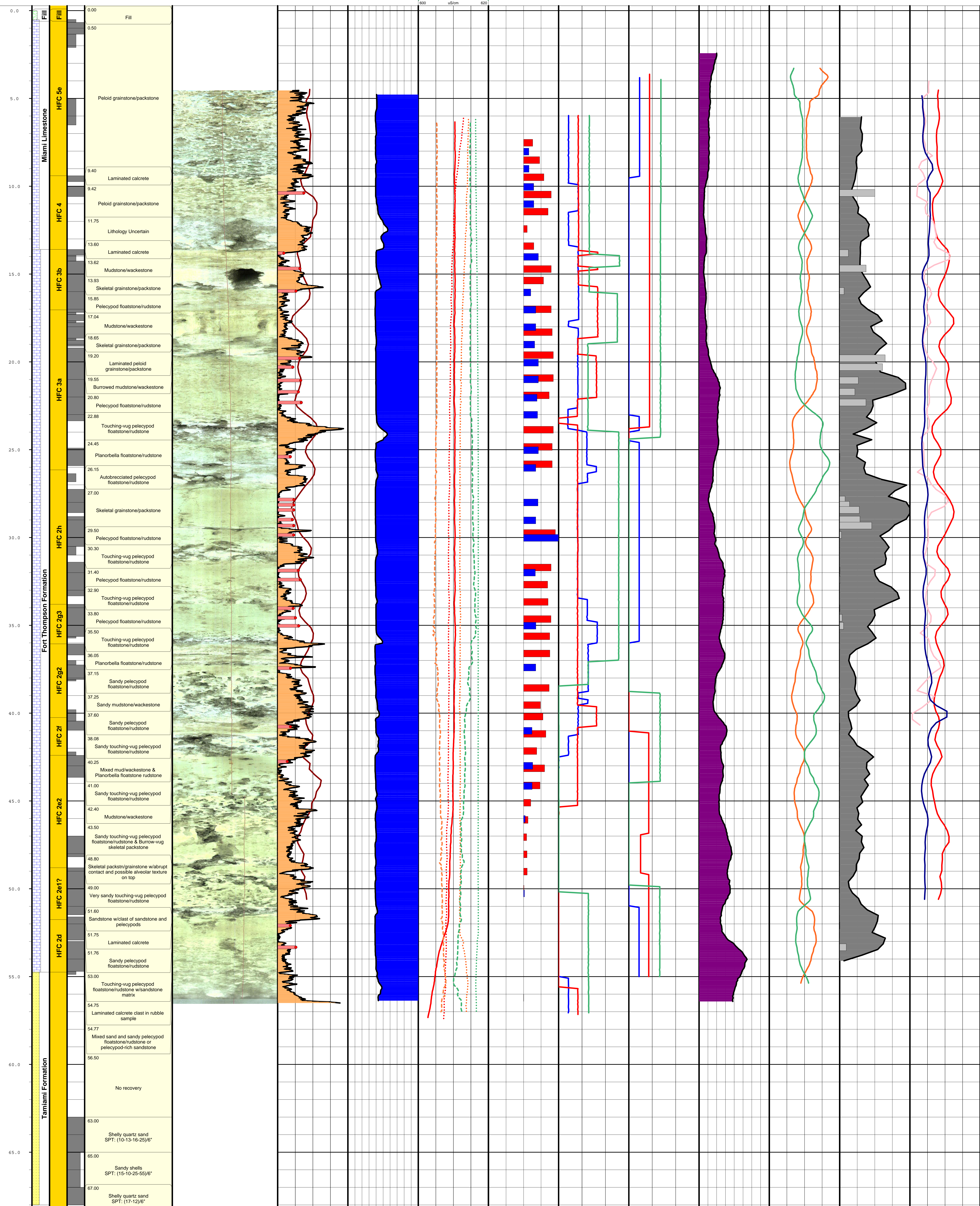
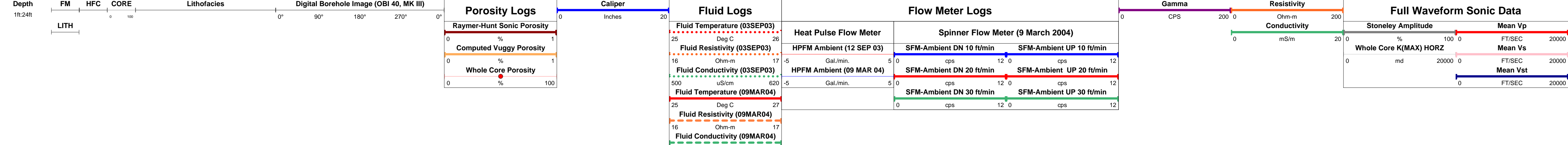


**G-3788**



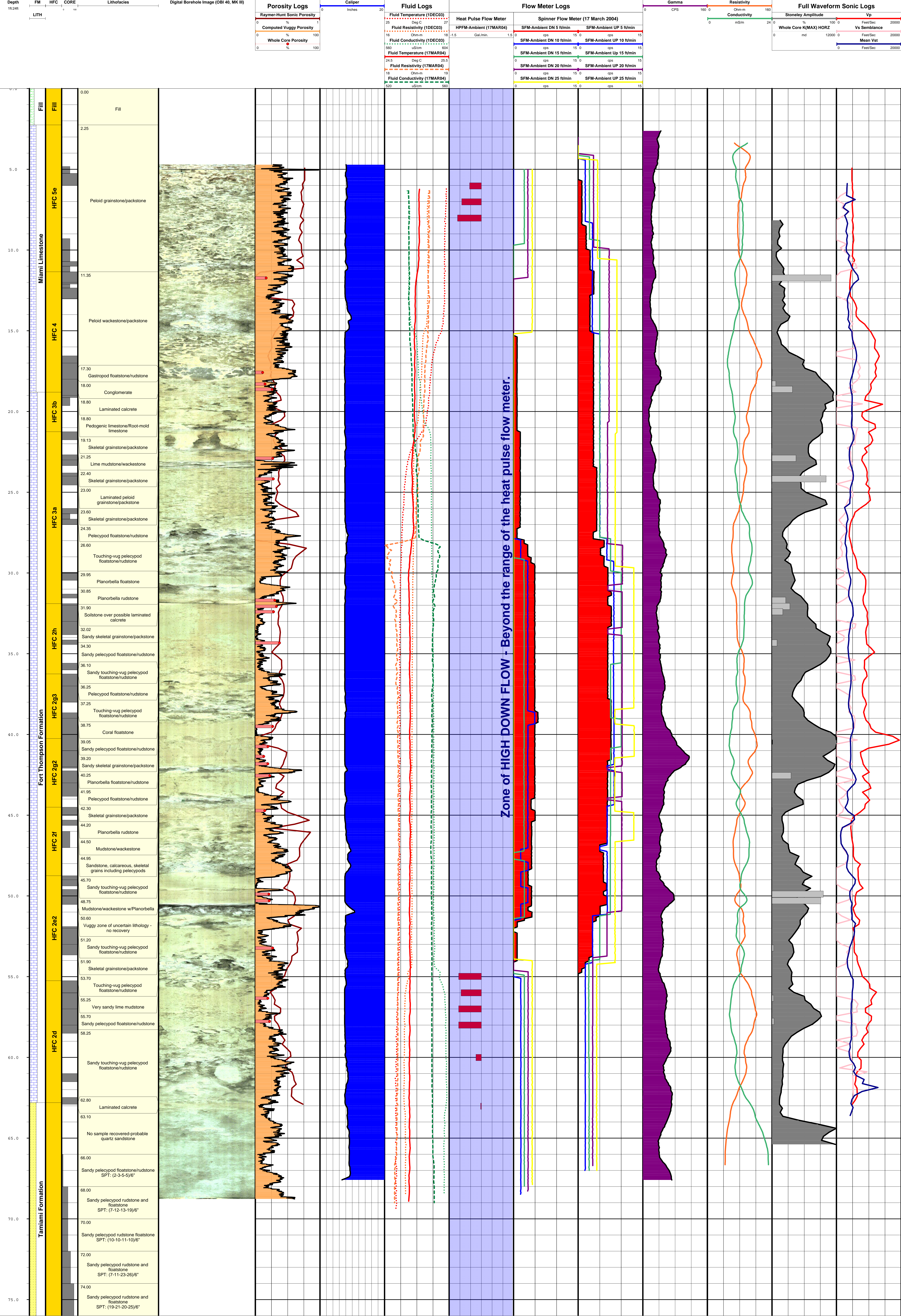


**G-3789**



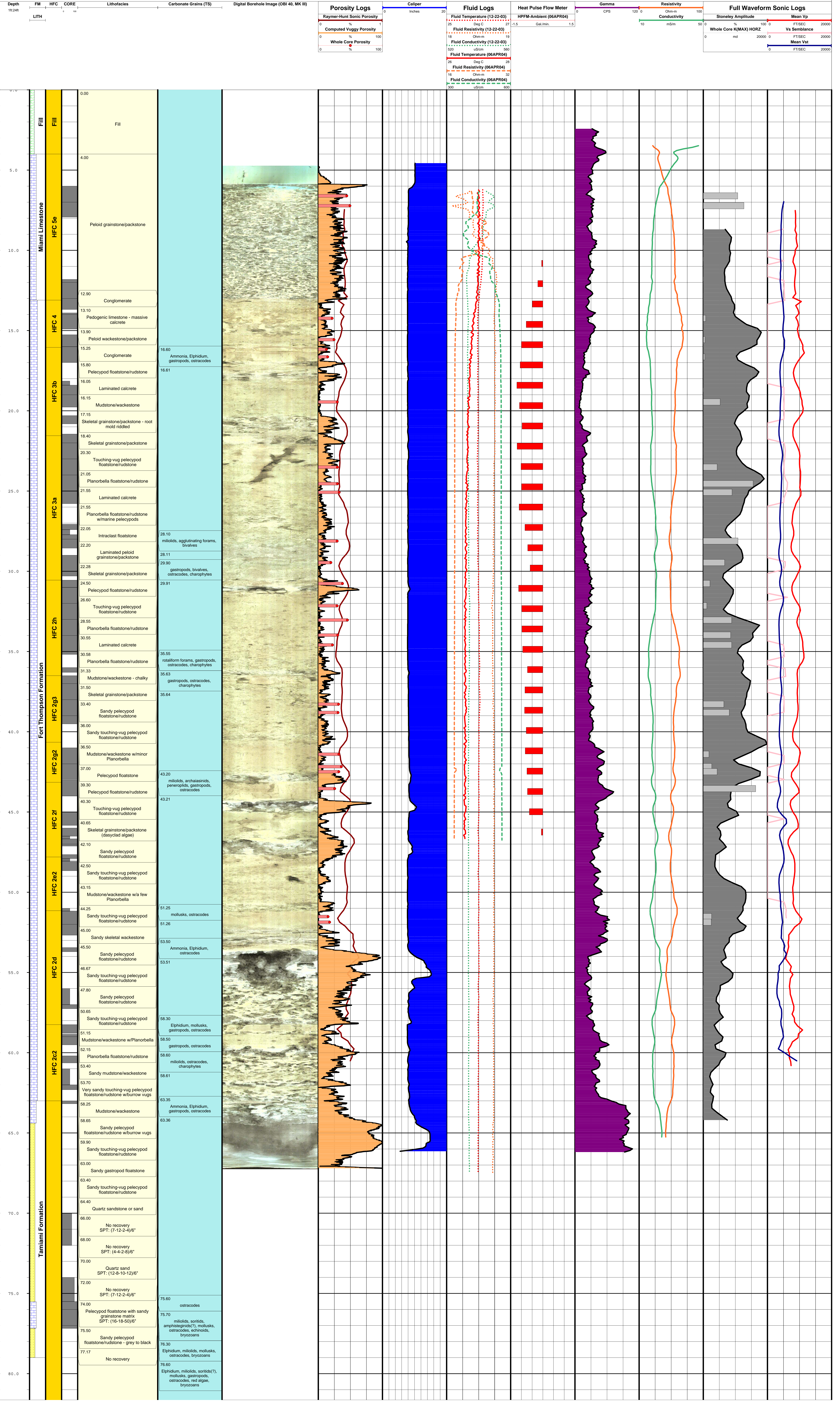


**G-3790**



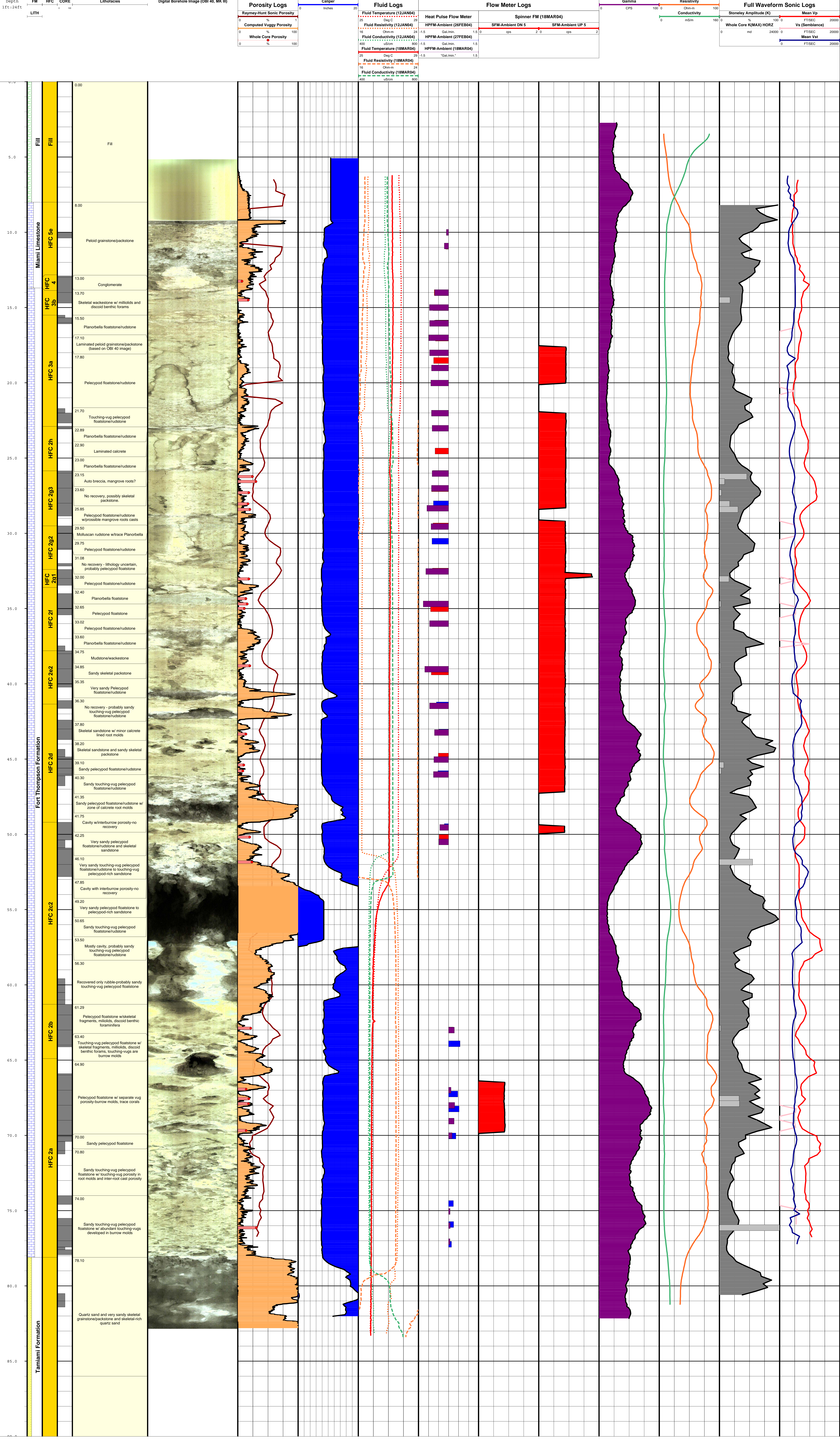


**G-3791**



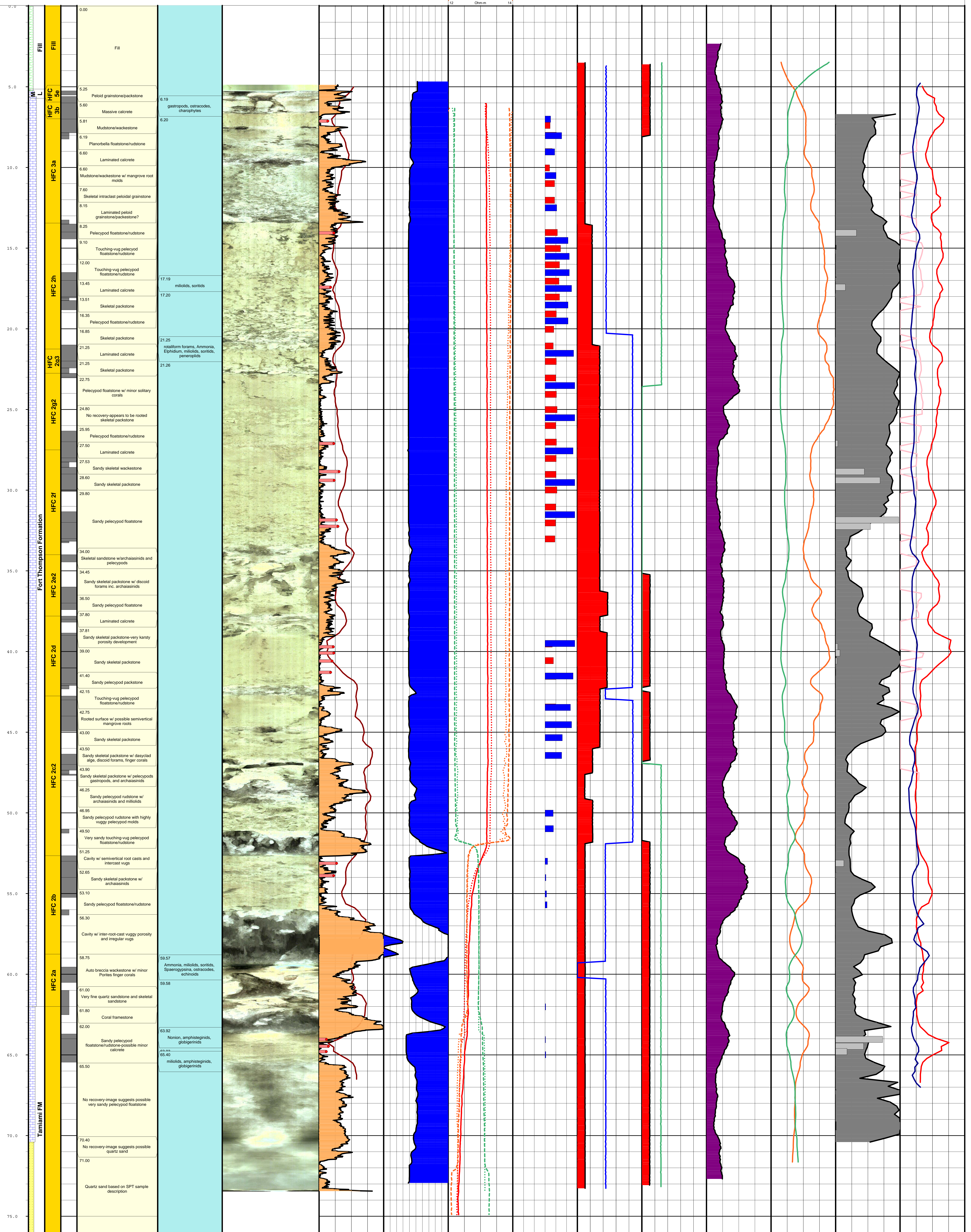
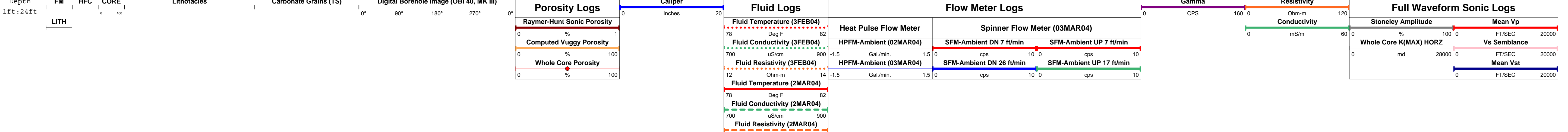


**G-3792**



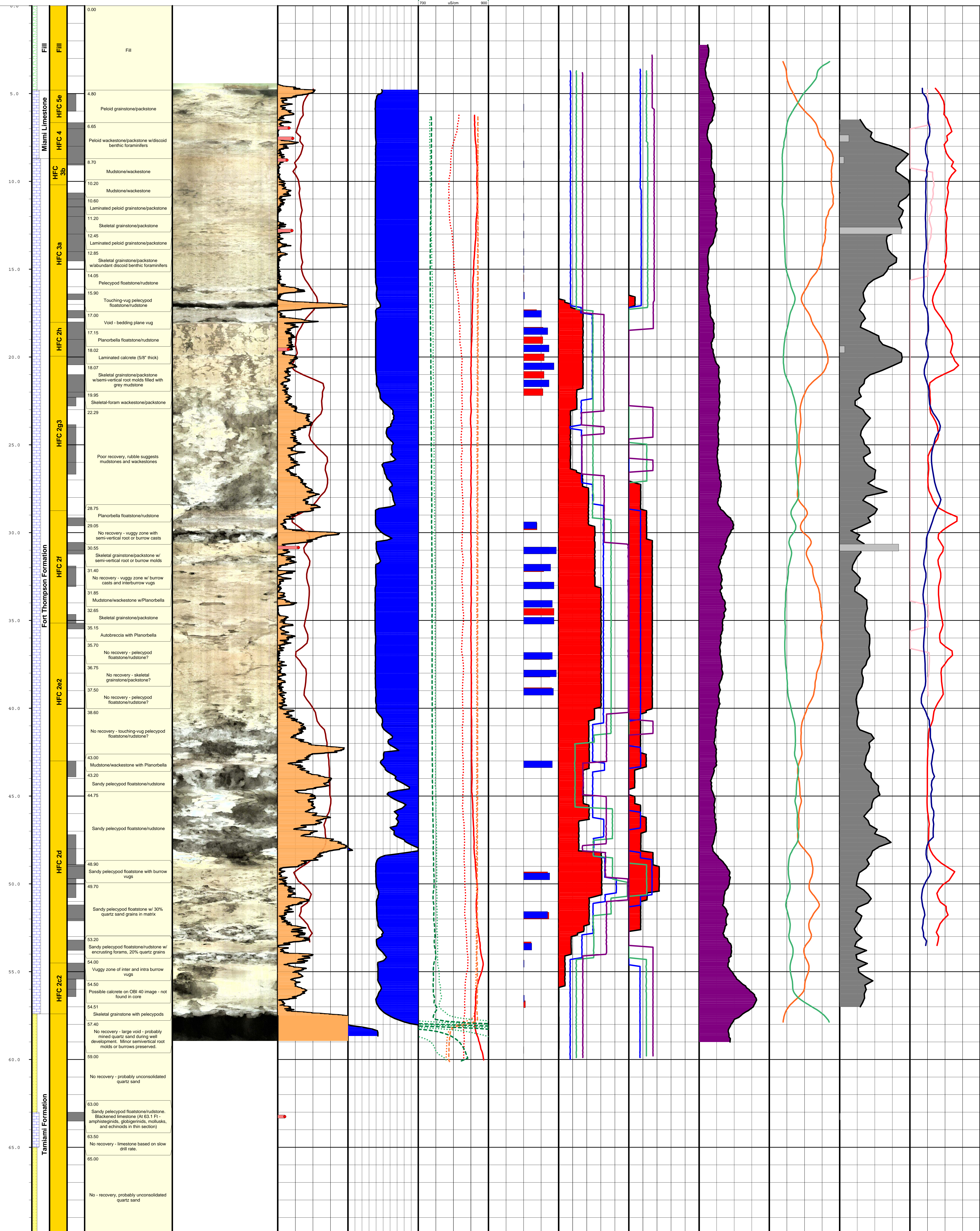
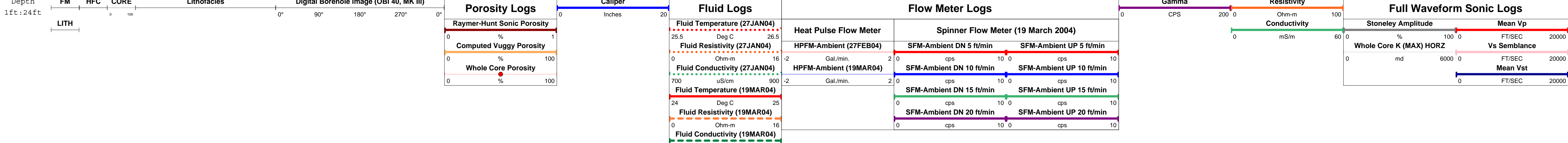


**G-3793**



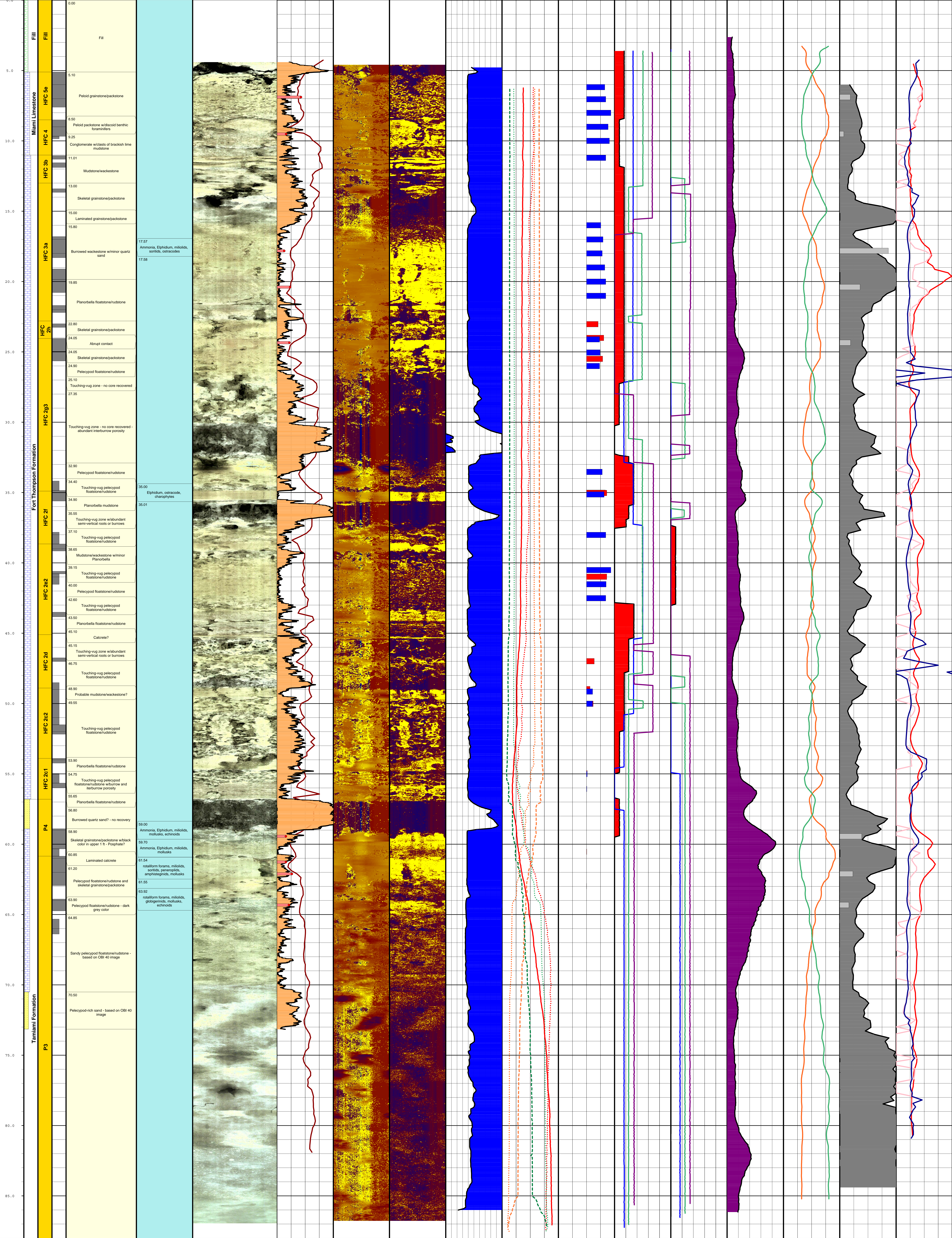
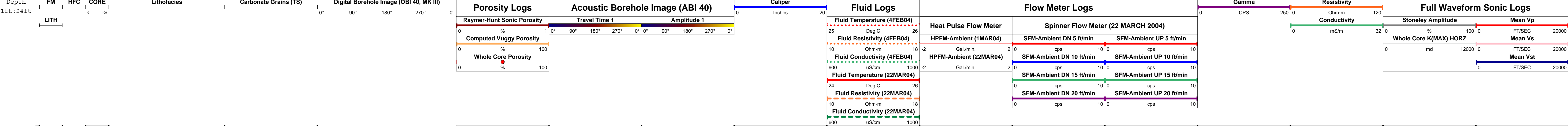


**G-3794**





**G-3795**





**Municipal Water Supply Wells 13, 14, and 15; Northwest Well Field; Miami-Dade County**

Depth 16.24ft	S-3168			S-3169			S-3170		
	LITH	HFC	Carbonate Grains (WC)	HFC#1	Lithofacies#1	Carbonate Grains (TS)	HFC#2	Lithofacies#2	Carbonate Grains (WC#2)
0.00	Fill	Fill	No Recovery (Fill)	Fill	No recovery (fill)		Fill	No recovery (fill)	
5.0									
6.00	Miami Limestone	HFC 5e	Peloid grainstone/packstone	HFC 5e	Peloid grainstone/packstone	Archaia	HFC 5e	Peloid grainstone/packstone	
10.79		HFC 4	No recovery	HFC 4	Rubble of peloid wackestone/packstone and gastropod floatstone/rudstone	mollusks, ostracodes	HFC 4	Conglomerate w/peloid wackestone/packstone matrix	
11.00		HFC 3b	Conglomerate	HFC 3b	Conglomerate		HFC 3b	Conglomerate	
11.75		HFC 3b	Gastropod floatstone/rudstone	HFC 3b	Conglomerate	None observed	HFC 3b	Laminated calcrite	
12.17		HFC 3a	Conglomerate	HFC 3a	Sandstone		HFC 3a	Skeletal grainstone/packstone	
12.61		HFC 3a	Laminated calcrite	HFC 3a	Massive calcrite	Ephidium, gastropods, ostracodes	HFC 3a	Laminated calcrite	
12.69		HFC 3a	Skeletal grainstone/packstone	HFC 3a	Laminated calcrite		HFC 3a	Gastropod floatstone/rudstone (marine)	
14.50		HFC 3a	Gastropod floatstone/rudstone	HFC 3a	Skeletal grainstone/packstone		HFC 3a	Root-mold limestone	
15.71		HFC 3a	Mudstone/wackestone	HFC 3a	Conglomerate		HFC 3a	Mudstone/wackestone	
16.40		HFC 3a	Conglomerate	HFC 3a	Laminated calcrite		HFC 3a	Laminated peloid grainstone/packstone	
16.57		HFC 3a	Laminated peloid grainstone	HFC 3a	Skeletal grainstone/packstone		HFC 3a	Skeletal grainstone/packstone	
17.07		HFC 3a	Peloid grainstone/packstone	HFC 3a	Root-mold limestone		HFC 3a	Pelecypod floatstone/rudstone	19.50
17.50		HFC 3a	Pelecypod floatstone/rudstone	HFC 3a	Pedogenic limestone		HFC 3a	No recovery	
21.75		HFC 3a	Touching-vug pelecypod floatstone/rudstone	HFC 3a	Gastropod floatstone/rudstone (tidal flat)		HFC 3a	Touching-vug pelecypod floatstone/rudstone	20.25
24.50		HFC 2b	Laminated calcrite	HFC 2b	Root-mold limestone		HFC 2b	Laminated calcrite	
24.58		HFC 2b	Skeletal grainstone/packstone	HFC 2b	Breccia (auto breccia) clasts of skeletal grainstone/packstone w/quartz sand matrix		HFC 2b	Skeletal grainstone/packstone	
26.13		HFC 2g3	Mudstone/wackestone	HFC 2g3	No recovery		HFC 2g3	No recovery	
26.69		HFC 2g3	Skeletal grainstone/packstone	HFC 2g3	Mudstone/wackestone (weathered w/abundant root molds, minor auto brecciation)		HFC 2g3	Skeletal grainstone/packstone	27.00
27.85		HFC 2g3	Pelecypod floatstone/rudstone	HFC 2g3	Gastropod floatstone/rudstone (fresh water)		HFC 2g3	Pelecypod floatstone/rudstone	
29.85		HFC 2g2	No recovery	HFC 2g2	Skeletal grainstone/packstone (irregular karst surface with fill from above)		HFC 2g2	No recovery	
30.00		HFC 2g2	Skeletal grainstone/packstone	HFC 2g2	No recovery		HFC 2g2	Skeletal grainstone/packstone	28.33
33.17		HFC 2g2	Pelecypod floatstone/rudstone	HFC 2g2	Sandy skeletal wackestone/packstone		HFC 2g2	Pelecypod floatstone/rudstone	
34.42		HFC 2g2	Gastropod floatstone/rudstone (freshwater)	HFC 2g2	Auto breccia, clasts of skeletal wackestone/packstone		HFC 2g2	Gastropod floatstone/rudstone (freshwater)	
34.50		HFC 2g2	Skeletal grainstone/packstone	HFC 2g2	No recovery		HFC 2g2	Pelecypod floatstone/rudstone	
35.00		HFC 2g2	Skeletal grainstone/packstone	HFC 2g2	Gastropod floatstone/rudstone (freshwater)		HFC 2g2	No recovery	
37.00		HFC 2g2	Pelecypod floatstone/rudstone	HFC 2g2	Sandy skeletal grainstone/packstone		HFC 2g2	Gastropod floatstone/rudstone	39.50
39.78		HFC 2d	No recovery	HFC 2d	Laminated calcrite (0.5mm thick)		HFC 2d	Pelecypod floatstone/rudstone	
40.00		HFC 2d	Sandy pelecypod floatstone/rudstone	HFC 2d	Skeletal grainstone/packstone		HFC 2d	Sandy pelecypod floatstone/rudstone	
41.00		HFC 2d	Sandy touching-vug pelecypod floatstone/rudstone	HFC 2d	No recovery		HFC 2d	Sandy pelecypod floatstone/rudstone	
41.50		HFC 2d	Skeletal grainstone/packstone	HFC 2d	Skeletal wackestone/packstone		HFC 2d	Sandy skeletal grainstone/packstone	40.33
44.70		HFC 2d	No recovery	HFC 2d	Pelecypod floatstone/rudstone		HFC 2d	Sandy pelecypod floatstone/rudstone	
45.00		HFC 2d	Skeletal grainstone/packstone	HFC 2d	Gastropod floatstone/rudstone		HFC 2d	No recovery	
45.75		HFC 2d	Pelecypod floatstone/rudstone	HFC 2d	Laminated calcrite		HFC 2d	Sandy vuggy pelecypod floatstone/rudstone	46.50
47.50		HFC 2c2	Sandy touching-vug pelecypod floatstone/rudstone	HFC 2c2	Skeletal wackestone/packstone		HFC 2c2	Sandy skeletal grainstone/packstone	
48.00		HFC 2c2	Sandy skeletal grainstone/packstone	HFC 2c2	No recovery		HFC 2c2	Sandy pelecypod floatstone/rudstone	47.33
48.50		HFC 2c2	Sandy pelecypod floatstone/rudstone	HFC 2c2	Sandy pelecypod floatstone/rudstone w/skeletal wackestone matrix		HFC 2c2	No recovery	
49.00		HFC 2c2	No recovery	HFC 2c2	Touching-vug pelecypod floatstone/rudstone		HFC 2c2	Sandy skeletal grainstone/packstone	
51.00		HFC 2c2	Sandy pelecypod floatstone/rudstone	HFC 2c2	No recovery		HFC 2c2	No recovery	52.42
52.50		HFC 2c2	Sandy skeletal grainstone/packstone	HFC 2c2	Sandy skeletal packstone		HFC 2c2	Sandy touching-vug pelecypod floatstone/rudstone	
54.00		HFC 2c2	Sandy touching-vug pelecypod floatstone/rudstone	HFC 2c2	No recovery		HFC 2c2	Touching-vug pelecypod floatstone/rudstone	52.75
55.35		HFC 2c2	Sandy pelecypod floatstone/rudstone	HFC 2c2	Sandy touching-vug pelecypod floatstone/rudstone		HFC 2c2	No recovery	52.75
55.66		HFC 2c2	Sandy touching-vug pelecypod floatstone/rudstone	HFC 2c2	Sandy skeletal packstone		HFC 2c2	Sandy pelecypod floatstone/rudstone (peanut vugs)	
57.00		HFC 2b	Sandy skeletal grainstone/packstone	HFC 2b	No recovery		HFC 2b	No recovery	58.33
59.50		HFC 2b	No recovery	HFC 2b	No recovery, only rubble		HFC 2b	Sandy pelecypod floatstone/rudstone	
60.00		HFC 2b	Sandy pelecypod floatstone/rudstone	HFC 2b	Sandy skeletal grainstone		HFC 2b	Laminated calcrite	
63.00		HFC 2a	No recover	HFC 2a	Sandy skeletal packstone		HFC 2a	Sandy pelecypod floatstone (tan)	
65.00		HFC 2a	Laminated calcrite	HFC 2a	Sandy pelecypod floatstone/rudstone		HFC 2a	No recovery	
65.01		HFC 2a	Sandy skeletal grainstone/packstone	HFC 2a	Sandy touching-vug pelecypod floatstone/rudstone		HFC 2a	No recovery	
66.77		HFC 2a	No recovery	HFC 2a	No recovery, only rubble		HFC 2a	Sandy pelecypod floatstone/rudstone (tan)	
70.00		HFC 2a	Sandy skeletal grainstone/packstone ("peanut" vugs)	HFC 2a	Sandy skeletal grainstone/packstone		HFC 2a	Sandy pelecypod floatstone/rudstone (tan)	
72.00		HFC 2a	Sandy pelecypod floatstone/rudstone	HFC 2a	Pelecypod floatstone/rudstone		HFC 2a	No recovery	70.00
73.75		HFC 2a	Conglomerate w/sandstone (Tamiami FM) clasts and skeletal grainstone/packstone	HFC 2a	Pedogenic limestone overprinting a sandy skeletal grainstone/packstone (abrupt contact at top)		HFC 2a	Sandy pelecypod floatstone/rudstone	70.42
74.50		HFC 2a	No recovery	HFC 2a	No recovery, only rubble		HFC 2a	Sandy pelecypod floatstone/rudstone	
75.00		HFC 2a	Sandy pelecypod floatstone/rudstone (greenish grey)	HFC 2a	Sandy skeletal wackestone/packstone		HFC 2a	No recovery	
75.25		HFC 2a	Sandstone, karsted vugs filled w/skeletal fragment rich sandstone, greenish-grey color	HFC 2a	Sandy pelecypod floatstone/rudstone		HFC 2a	Conglomeritic sandstone	
75.95		HFC 2a	No recovery	HFC 2a	No recovery, only rubble		HFC 2a	Sandstone w/marine shells	
80.00		HFC 2a	No recovery (some rubble of Tamiami sand)	HFC 2a	Conglomerate		HFC 2a	No recovery	
85.00		HFC 2a		HFC 2a	No recovery		HFC 2a	No recovery	
90.00		HFC 2a		HFC 2a	Sandy pelecypod floatstone/rudstone		HFC 2a	Sandstone w/pelecypod floatstone fabric	
95.00		HFC 2a		HFC 2a	No recovery		HFC 2a	No recovery	95.00