

ULTRASONIC VELOCITY

File No: 030601
Date: 7/15/03
Company: South Florida Water Management
Wells: GLF 6
Contact: Hugh Collier - Collier Consulting



Well Name	Sample Number	Depth ft	Net Stress, psi	Bulk Density, gm/cc	Acoustic Velocity				Bulk Modulus, 1.00E+06	Young's Modulus, 1.00E+06	Shear Modulus, 1.00E+06	Poisson's Ratio
					Compressional		Shear					
					ft/sec	µs/ft	ft/sec	µs/ft				
GLF 6	10	997.0	500	1.96	9082	110.11	4841	206.56	1.36	1.61	0.62	0.30
GLF 6	11	1302.5	700	2.08	9645	103.68	5185	192.86	1.60	1.95	0.75	0.30
GLF 6	12	1585.7	900	2.18	11671	85.68	6736	148.45	2.22	3.33	1.33	0.25
GLF 6	13	1790.0	1000	2.49	19995	50.01	12419	80.52	6.52	12.28	5.18	0.19