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Mavis Consulting, Ltd.
Physical Analysis Comparison
XYZ Country Club
Green #16 Physical Properties

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Sample ID:		9/4/2007	9/4/2007	9/4/2007	
		#16-G (0-3")	#16-G (3-7")	#16-G (7-12")	USGA Guide
Clay	<.002 mm	2.16	4.20	3.37	<= 3%
Silt	.002 - .05 mm	1.36	23.59	19.01	<= 5%
Sand	.05 - 2.00 mm	94.92	70.40	66.24	
Gravel	>2.0 mm	1.56	1.99	11.38	<= 3%
Organic Matter		2.79	4.63	1.14	
Sand Fractions					USGA Guide
Fine Gravel	2.0 mm	1.56	1.99	11.38	<= 3% 2mm
Very Coarse Sand	1.0 mm	3.12	2.41	5.16	<= 10% (2mm + 1 mm)
Coarse Sand	.5 mm	14.89	6.63	7.10	>= 60% (.5mm + .25 mm)
Medium Sand	.25 mm	52.44	26.94	21.96	
Fine Sand	.15 mm	22.30	19.71	18.30	<= 20% .15mm
Very Fine Sand	.106 mm	1.50	8.15	6.73	<= 5% (.106mm + .053 mm)
Very Fine Sand	.053 mm	0.67	6.56	6.99	
Soil Moisture Measurements					
Sat. Conductivity in/hr		<1	<1	<1	>6%
30 cm Moist. Retention		32.20	39.60	17.00	
Soil Pore Space					USGA Guide
Air Filled		7.80	1.50	5.00	15 - 30%
Capillary		41.80	49.90	29.50	15 - 25%
Total Pore Space		49.60	51.40	34.60	35 - 55%
Soil Density					
Bulk Density		1.30	1.26	1.74	
Particle Density		2.58	2.59	2.66	



Comments: _____

Red indicates values not meeting USGA guidelines