



SOIL AND WATER CONSULTING

Data Collection Report

Greens Core Sample Collection

Date of Collection: 4/9/22

Client: DragonRidge CountryClub



	Green #1 Below 6" (4/22)	Green #9 Below 6" (4/22)	Green #18 Below 6" (4/22)	West Coast Sand 90/10 Averages	<i><u>USGA Recommendations</u></i>
Clay	3.20	3.20	3.20	2.72	<= 3.0%
Silt	0.80	3.80	1.40	combined	<= 5.0%
Sand	96.00	93.00	95.40	97.25	94 - 100%
Gravel	0.00	0.00	0.00	0.03	
Organic Material	0.26	0.38	0.47	0.68	
<i><u>Sieve #:</u></i>					
Fine Gravel 10	0.00	0.00	0.00	0.03	2.0mm <= 3.0%
Very Coarse Sand 18	8.40	6.80	7.10	7.52	2.0mm + 1.0mm <= 10%
Coarse Sand 35	37.00	34.30	36.60	40.12	
Medium Sand 60	31.40	31.70	30.80	36.55	0.5mm + 0.25mm >= 60%
Fine Sand 100	12.30	11.90	14.30	9.82	0.15mm <= 20%
Very Fine Sand 140	5.10	5.20	4.10	2.41	0.106mm + 0.053mm <= 5.0%
Very Fine Sand 270	1.90	3.00	2.40	0.84	
Coefficient of Uniformity	4.04	4.88	3.97	2.87	1.8-3.5 for sand and peat mixes
Infiltration Rate in/hr	1.9"	1.8"	1.3"	11.52"	Greater than 6" /hr



Green #1



Green #9



Green #18

		Green #11 (9/99)	Green #14 (10/99)	Greens Mix (10/99)	Green #1 Below 6" (4/22)	Green #9 Below 6" (4/22)	Green #18 Below 6" (4/22)	<u>USGA Recommendations</u>
	Clay	0.48	0.16	0.16	3.20	3.20	3.20	<= 3.0%
	Silt	2.72	1.69	1.69	0.80	3.80	1.40	<= 5.0%
	Sand	96.60	97.20	97.20	96.00	93.00	95.40	94 - 100%
	Gravel	0.20	0.95	0.95	0.00	0.00	0.00	
	Organic Material	0.91	0.77	0.77	0.26	0.38	0.47	
	<u>Sieve #:</u>							
	Fine Gravel 10	0.20	0.95	0.95	0.00	0.00	0.00	2.0mm <= 3.0%
	Very Coarse Sand 18	7.25	7.60	7.60	8.40	6.80	7.10	2.0mm + 1.0mm <= 10%
	Coarse Sand 35	35.70	38.50	38.50	37.00	34.30	36.60	
	Medium Sand 60	33.25	31.70	31.70	31.40	31.70	30.80	0.5mm + 0.25mm >= 60%
	Fine Sand 100	15.10	14.25	14.25	12.30	11.90	14.30	0.15mm <= 20%
	Very Fine Sand 140	3.55	3.60	3.60	5.10	5.20	4.10	0.106mm + 0.053mm <= 5.0%
	Very Fine Sand 270	1.75	1.55	1.55	1.90	3.00	2.40	
	Coefficient of Uniformity	n/r	n/r	n/r	4.04	4.88	3.97	1.8-3.5 for sand and peat mixes
	Infiltration Rate in/hr	18.8"	19.1"	15.0"	1.9"	1.8"	1.3"	Greater than 6" /hr