

lb/A

BROOKSIDE LABORATORIES, INC. 80046-48

SOIL AUDIT AND INVENTORY REPORT

Name Western Golf Properties City Lake Forest State CA

Independent Consultant Soil and Water Consulting Date 10/02/2025

Sample Location		TRI - PALM CC	FAIRWAY	FAIRWAY	FAIRWAY		
Sample Identification			4	5	14		
Lab Number			0615 - 1	0616 - 1	0617 - 1		
Total Exchange Capacity (ME / 100 g)			14.41	12.89	13.50		
pH (H ₂ O 1:1)			8.0	8.2	7.7		
Organic Matter (360°C LOI) %			3.25	2.89	4.03		
Estimated Nitrogen Release lb / A			82	78	90		
ANIONS	SOLUBLE SULFUR*	ppm	19	27	17		
	PHOSPHORUS						
	MEHLICH III lb / A P as P ₂ O ₅ ppm of P						
	BRAY II lb / A P as P ₂ O ₅ ppm of P						
EXCHANGABLE CATIONS	OLSEN lb / A P as P ₂ O ₅ ppm of P		14 3	32 7	37 8		
	CALCIUM*	lb / A ppm	4600 2300	4116 2058	4294 2147		
	MAGNESIUM*	lb / A ppm	394 197	362 181	390 195		
	POTASSIUM*	lb / A ppm	414 207	352 176	326 163		
	SODIUM*	lb / A ppm	116 58	106 53	102 51		
BASE SATURATION PERCENT							
	Calcium	%	79.81	79.83	79.52		
	Magnesium	%	11.39	11.70	12.04		
	Potassium	%	3.68	3.50	3.10		
	Sodium	%	1.75	1.79	1.64		
	Other Bases	%	3.40	3.20	3.70		
	Hydrogen	%	0.00	0.00	0.00		
EXTRACTABLE MINORS							
	Boron** (ppm)		0.93	0.95	0.99		
	Iron** (ppm)		87	102	120		
	Manganese** (ppm)		46	39	30		
	Copper** (ppm)		1.74	1.60	1.40		
	Zinc** (ppm)		5.80	5.64	6.05		
	Aluminum** (ppm)		127	137	137		
OTHER TESTS	Soluble Salts (mmhos / cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)		8.7	9.8	9.7		
	NH ₄ -N (ppm)		0.6	0.9	2.0		

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

lb/A

BROOKSIDE LABORATORIES, INC. 80046-48

SOIL AUDIT AND INVENTORY REPORT

Name Western Golf Properties City Lake Forest State CA

Independent Consultant Soil and Water Consulting Date 10/02/2025

Sample Location TRI - PALM CC			GREEN	GREEN	GREEN	GREEN	
Sample Identification			1	4	5	14	
Lab Number			0618-1	0619-1	0620-1	0621-1	
Total Exchange Capacity (ME / 100 g)			6.70	6.76	7.59	6.81	
pH (H ₂ O 1:1)			8.0	7.7	8.0	7.9	
Organic Matter (360°C LOI) %			2.02	1.98	1.96	2.10	
Estimated Nitrogen Release lb / A			60	60	59	62	
ANIONS	SOLUBLE SULFUR* ppm		10	12	14	10	
	PHOSPHORUS	MEHLICH III lb / A P as P ₂ O ₅ ppm of P					
		BRAY II lb / A P as P ₂ O ₅ ppm of P					
		OLSEN lb / A P as P ₂ O ₅ ppm of P	73 16	87 19	110 24	50 11	
EXCHANGABLE CATIONS	CALCIUM* lb / A ppm		2118 1059	2140 1070	2396 1198	2154 1077	
	MAGNESIUM* lb / A ppm		202 101	196 98	226 113	206 103	
	POTASSIUM* lb / A ppm		150 75	164 82	208 104	152 76	
	SODIUM* lb / A ppm		66 33	62 31	60 30	62 31	
	BASE SATURATION PERCENT						
	Calcium %		79.03	79.14	78.92	79.07	
	Magnesium %		12.56	12.08	12.41	12.60	
	Potassium %		2.87	3.11	3.51	2.86	
	Sodium %		2.14	1.99	1.72	1.98	
	Other Bases %		3.40	3.70	3.40	3.50	
	Hydrogen %		0.00	0.00	0.00	0.00	
	EXTRACTABLE MINORS						
	Boron** (ppm)		0.74	0.80	0.67	0.73	
	Iron** (ppm)		197	241	185	240	
	Manganese** (ppm)		56	61	48	60	
	Copper** (ppm)		1.09	1.93	1.36	1.58	
	Zinc** (ppm)		10.92	11.25	8.68	15.08	
	Aluminum** (ppm)		108	123	88	127	
OTHER TESTS	Soluble Salts (mmhos / cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)		3.0	2.9	4.1	2.4	
	NH ₄ -N (ppm)		2.2	1.1	1.0	1.4	

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable

lb/A

BROOKSIDE LABORATORIES, INC. 80046-48

SOIL AUDIT AND INVENTORY REPORT

Name Western Golf Properties City Lake Forest State CA

Independent Consultant Soil and Water Consulting Date 10/02/2025

Sample Location		TRI - PALM CC	TEE	TEE	TEE		
Sample Identification			4	5	14		
Lab Number			0622-1	0623-1	0624-1		
Total Exchange Capacity (ME / 100 g)			11.27	10.33	8.56		
pH (H ₂ O 1:1)			7.9	7.8	7.8		
Organic Matter (360°C LOI) %			2.46	2.88	3.07		
Estimated Nitrogen Release lb / A			69	78	81		
ANIONS	SOLUBLE SULFUR*	ppm	21	22	19		
	PHOSPHORUS						
	MEHLICH III lb / A P as P ₂ O ₅ ppm of P						
	BRAY II lb / A P as P ₂ O ₅ ppm of P						
EXCHANGABLE CATIONS	OLSEN lb / A P as P ₂ O ₅ ppm of P		41	23	27		
			9	5	6		
	CALCIUM*	lb / A	3676	3280	2728		
		ppm	1838	1640	1364		
	MAGNESIUM*	lb / A	262	292	240		
		ppm	131	146	120		
	POTASSIUM*	lb / A	288	240	164		
		ppm	144	120	82		
	SODIUM*	lb / A	102	106	102		
		ppm	51	53	51		
BASE SATURATION PERCENT							
Calcium %			81.54	79.38	79.67		
Magnesium %			9.69	11.78	11.68		
Potassium %			3.28	2.98	2.46		
Sodium %			1.97	2.23	2.59		
Other Bases %			3.50	3.60	3.60		
Hydrogen %			0.00	0.00	0.00		
EXTRACTABLE MINORS							
Boron** (ppm)			0.81	0.73	0.71		
Iron** (ppm)			109	118	100		
Manganese** (ppm)			33	29	21		
Copper** (ppm)			1.90	1.57	0.86		
Zinc** (ppm)			7.55	6.48	4.92		
Aluminum** (ppm)			114	142	100		
OTHER TESTS	Soluble Salts (mmhos / cm)						
	Chlorides (ppm)						
	NO ₃ -N (ppm)		10.9	8.9	5.6		
	NH ₄ -N (ppm)		0.9	< 0.5	1.0		

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** Mehlich III Extractable