

SOIL AUDIT AND INVENTORY REPORT

Name Coyote Springs Golf Club City Coyote Springs State NVIndependent Consultant Soil and Water Consulting Date 9/27/2017

Sample Location		TEE	8				
Sample Identification							
Lab Number			0161-1				
Total Exchange Capacity (ME/100 g)			16.70				
pH (H ₂ O 1:1)			a 8.8				
Organic Matter (360°C LOI) %			0.76				
Estimated Nitrogen Release lb/A			30				
ANIONS	SOLUBLE SULFUR* ppm		26				
	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	60 13				
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	4746 2373				
	MAGNESIUM*	lb/A ppm	606 303				
	POTASSIUM*	lb/A ppm	894 447				
	SODIUM*	lb/A ppm	334 167				
BASE SATURATION PERCENT							
Calcium %			71.05				
Magnesium %			15.12				
Potassium %			6.86				
Sodium %			4.35				
Other Bases %			2.60				
Hydrogen %			0.00				
EXTRACTABLE MINORS							
Boron M3 (ppm)							
Iron** (ppm)			2				
Manganese** (ppm)			< 1				
Copper** (ppm)			0.71				
Zinc** (ppm)			0.48				
Aluminum (ppm)							
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Coyote Springs Golf Club City Coyote Springs State NV

Independent Consultant Soil and Water Consulting Date 9/27/2017

Sample Location <u>FAIRWAY</u>		8				
Sample Identification						
Lab Number		0162-1				
Total Exchange Capacity (ME/100 g)		16.62				
pH (H ₂ O 1:1)		a 8.7				
Organic Matter (360°C LOI) %		0.57				
Estimated Nitrogen Release lb/A		23				
ANIONS	SOLUBLE SULFUR* ppm	38				
	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	101 22				
EXCHANGEABLE CATIONS	CALCIUM* lb/A ppm	4514 2257				
	MAGNESIUM* lb/A ppm	624 312				
	POTASSIUM* lb/A ppm	996 498				
	SODIUM* lb/A ppm	464 232				
	BASE SATURATION PERCENT					
	Calcium %	67.90				
	Magnesium %	15.64				
	Potassium %	7.68				
	Sodium %	6.07				
	Other Bases %	2.70				
	Hydrogen %	0.00				
EXTRACTABLE MINORS						
	Boron M3 (ppm)					
	Iron** (ppm)	3				
	Manganese** (ppm)	< 1				
	Copper** (ppm)	0.65				
	Zinc** (ppm)	< 0.4				
	Aluminum (ppm)					
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					

a - alkaline soil

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SOIL AUDIT AND INVENTORY REPORT

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Sample Location <u>GREEN</u>		8				
Sample Identification						
Lab Number		0163-1				
Total Exchange Capacity (ME/100 g)		11.72				
pH (H ₂ O 1:1)		a 8.8				
Organic Matter (360°C LOI) %		0.68				
Estimated Nitrogen Release lb/A		27				
ANIONS	SOLUBLE SULFUR* ppm	22				
	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	55 12				
EXCHANGEABLE CATIONS	CALCIUM* lb/A ppm	3552 1776				
	MAGNESIUM* lb/A ppm	376 188				
	POTASSIUM* lb/A ppm	446 223				
	SODIUM* lb/A ppm	184 92				
BASE SATURATION PERCENT						
	Calcium %	75.77				
	Magnesium %	13.37				
	Potassium %	4.88				
	Sodium %	3.41				
	Other Bases %	2.60				
	Hydrogen %	0.00				
EXTRACTABLE MINORS						
	Boron M3 (ppm)					
	Iron** (ppm)	5				
	Manganese** (ppm)	< 1				
	Copper** (ppm)	1.05				
	Zinc** (ppm)	2.24				
	Aluminum (ppm)					
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					

a - alkaline soil

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** DTPA Extractable