

SOIL AUDIT AND INVENTORY REPORT

Name Coyote Springs Golf Club City Coyote Springs State NVIndependent Consultant Soil and Water Consulting Date 9/28/2016

Sample Location		FAIRWAY	6				
Sample Identification							
Lab Number			0540-1				
Total Exchange Capacity (ME/100 g)			15.14				
pH (H ₂ O 1:1)			a 9.2				
Organic Matter (humus) %			1.32				
Estimated Nitrogen Release lb/A			46				
ANIONS	SOLUBLE SULFUR* ppm		49				
	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	270 59				
EXCHANGEABLE CATIONS	CALCIUM*	lb/A ppm	3964 1982				
	MAGNESIUM*	lb/A ppm	628 314				
	POTASSIUM*	lb/A ppm	942 471				
	SODIUM*	lb/A ppm	492 246				
BASE SATURATION PERCENT							
Calcium %			65.46				
Magnesium %			17.28				
Potassium %			7.98				
Sodium %			7.06				
Other Bases %			2.20				
Hydrogen %			0.00				
EXTRACTABLE MINORS							
Boron M3 (ppm)							
Iron** (ppm)			2				
Manganese** (ppm)			< 1				
Copper** (ppm)			0.32				
Zinc** (ppm)			0.75				
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 9/28/2016

Sample Location <u>GREEN</u>		6				
Sample Identification						
Lab Number		0541-1				
Total Exchange Capacity (ME/100 g)		11.55				
pH (H ₂ O 1:1)		a 9.0				
Organic Matter (humus) %		0.72				
Estimated Nitrogen Release lb/A		29				
ANIONS	SOLUBLE SULFUR* ppm	21				
	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	3664 1832				
	MAGNESIUM* lb/A ppm	340 170				
	POTASSIUM* lb/A ppm	282 141				
	SODIUM* lb/A ppm	152 76				
BASE SATURATION PERCENT						
	Calcium %	79.31				
	Magnesium %	12.27				
	Potassium %	3.13				
	Sodium %	2.86				
	Other Bases %	2.40				
	Hydrogen %	0.00				
EXTRACTABLE MINORS						
	Boron M3 (ppm)					
	Iron** (ppm)	4				
	Manganese** (ppm)	1				
	Copper** (ppm)	0.91				
	Zinc** (ppm)	2.19				
	Aluminum (ppm)					
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable

SOIL AUDIT AND INVENTORY REPORT

Name Coyote Springs Golf Club City Coyote Springs State NVIndependent Consultant Soil and Water Consulting Date 9/28/2016

Sample Location		TEE	6				
Sample Identification							
Lab Number			0542-1				
Total Exchange Capacity (ME/100 g)			15.35				
pH (H ₂ O 1:1)			a 9.1				
Organic Matter (humus) %			1.04				
Estimated Nitrogen Release lb/A			41				
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	73 16				
EXCHANGEABLE CATIONS	CALCIUM* lb/A ppm	4230 2115					
	MAGNESIUM* lb/A ppm	614 307					
	POTASSIUM* lb/A ppm	868 434					
	SODIUM* lb/A ppm	346 173					
BASE SATURATION PERCENT							
Calcium %			68.89				
Magnesium %			16.67				
Potassium %			7.25				
Sodium %			4.90				
Other Bases %			2.30				
Hydrogen %			0.00				
EXTRACTABLE MINORS							
Boron M3 (ppm)							
Iron** (ppm)			3				
Manganese** (ppm)			1				
Copper** (ppm)			0.49				
Zinc** (ppm)			0.98				
Aluminum (ppm)							
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable